

Directory Information

**East Tennessee State University
Johnson City, Tennessee
Zip Code (37614)/Area Code (423)**

General Inquiries/Campus Operator	439-1000
Admissions	439-4213
Admissions (Toll Free)	1-800-462-3878
Registration and Records	439-4230
<i>Registration, Programs of Study, Degree Requirements, Academic Regulations</i>	
Student Affairs	439-4210
Office of Financial Services	439-4212
Financial Aid	439-4300
Housing and Residence Life	439-4446
University Alumni	439-4218
Graduate Studies	439-4221
Continuing Studies	439-8300
Parking Office	439-5650
Career & Internship Services	439-4441
Cooperative Education	439-5388
Veterans Affairs	439-6819
Intercollegiate Athletics	439-4343

Colleges and Schools

Arts and Sciences	439-5671
Business and Technology	439-5489
Clinical and Rehabilitative Health Sciences	439-7457
Continuing Studies	439-8300
Education	439-7626
Graduate Studies	439-4221
Honors College	439-6076
Medicine	439-6315
Nursing	439-7186
Pharmacy	439-2068
Public Health	439-4243

Centers

ETSU at Kingsport	392-8000
Marshall T. Nave Center (Elizabethton)	547-4900

Academic Calendar 2010-2011

Fall Term 2010

Aug. 28	First day of classes
Sept. 3	Last day to late register or late add a course
Sept. 6	Labor Day Holiday
Sept. 10	Last day to drop without a grade of "W"
Sept. 10	Application deadline for May graduation
Oct. 18-19	Fall Break
Nov. 25-26	Thanksgiving Holidays
Dec. 8	Last day to withdraw from the university
Dec. 10	Last day of classes
Dec. 11-16	Final Examinations
Dec. 18	Commencement

Spring Term 2011

Jan. 13	Classes begin
Jan. 17	Martin Luther King holiday
Jan. 19	Last day to late register or late add a course
Jan. 26	Last day to drop a course without a grade of "W"
March 7-11	Spring Break
March 9	Last day to drop a course
April 22	Flexible Day - university closed
April 27	Last day to withdraw from the university
April 29	Last day of classes
April 30 - May 5	Final Examinations
May 7	Commencement

Summer Term 2011

Complete Session, May 17 - Aug. 13

Pre-Summer, May 17 - June 4

*April 4	Registration begins
May 16	Classes Begin
May 17	Last day to late register or Late add a Pre-Summer course
May 20	Last day to drop a course without a grade of "W"
May 26	Last day to drop a course
May 30	Memorial Day Holiday
June 1	Last Day to withdraw
June 3	Last day of classes

Dual Session, June 7 - Aug. 13

Session 1, June 7 - July 9

April 4	Registration begins
June 6	Classes begin
June 8	Last day to late register or Late add a course (Session 1)
June 9	Last day to late register or Late add a course (Dual Session)
June 10	Last day to drop a course without a grade of "W" (Session 1)
June 17	Last day to drop a course without a grade of "W" (Dual Session)
June 24	Last day to drop a course (Session 1)
July 4	Independence Day Holiday
July 6	Last day to withdraw (Session 1)
July 8	Last day of classes (Session 1)

Session 2, July 12 - Aug. 13

April 4	Registration begins
July 11	Classes begin
July 13	Last day to late register or Late add a course (Session 2)
July 15	Last day to drop a course with grade of "W" (Session 2)
July 29	Last day to drop a course (Session 2)
Aug. 10	Last day to withdraw Session 2 and Dual Session
Aug. 12	Last day of classes

**East Tennessee State University
Johnson City, Tennessee**

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POSTMASTER: send address changes to:

East Tennessee State University
Office of Admissions
Box 70731
Johnson City, Tennessee 37614-1707

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East Tennessee State University is a Tennessee Board of Regents institution and is fully in accord with the belief that educational and employment opportunities should be available to all eligible persons without regard to age, gender, color, race, religion, national origin, disability, veteran status, or sexual orientation.

The Tennessee Board of Regents is the nation's sixth largest higher education system, governing 45 post-secondary educational institutions. The TBR system includes six universities, 13 two-year colleges, and 26 technology centers, providing programs to over 180,000 students in 90 of Tennessee's 95 counties.

Public higher education in Tennessee is coordinated by the Tennessee Higher Education Commission and consists of two systems — The University of Tennessee campuses, governed by the University of Tennessee Board of Trustees, and the state universities, community colleges, and technology centers governed by the Tennessee Board of Regents. The General Assembly created the Commission in 1967 to achieve coordination and unity among the programs of Tennessee's public post-secondary institutions and to serve as a primary source of information concerning higher education in Tennessee.

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Accreditation

Commission on Colleges of the Southern Association of Colleges and Schools

East Tennessee State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, or call 404-679-4500, with any questions regarding the accreditation of East Tennessee State University.

Memberships

The American Council on Education
 The American Association of State Colleges and Universities
 The Tennessee College Association
 The Council for Advancement and Support of Education
 The Council of Graduate Schools in the United States
 The Council of Southern Graduate Schools
 The Council on Undergraduate Research
 The Tennessee Conference of Graduate Schools
 Association of Academic Health Centers
 Oak Ridge Associated Universities
 Institute of International Education
 National Collegiate Athletic Association
 Atlantic Sun Conference

Please Note:

Degree requirements for programs of study initiated under provisions of this bulletin shall remain in effect for six years. Students not completing requirements within the six-year period may be required to meet subsequent criteria; it is further provided, however, that the six-year limitation may be extended for interruption by military service where enrollment is resumed immediately upon release from service.

The course offerings and requirements of ETSU are continually under examination and revision. This bulletin presents the offerings and requirements in effect at the time of publication, but is no guarantee that they will not be changed or revoked. However, adequate and reasonable notice will be given to students affected by any changes. This bulletin is not intended to state contractual terms and does not constitute a contract between the student and East Tennessee State University.

ETSU reserves the right to make changes as required in course offerings, curricula, academic policies, and other rules and regulations affecting students to be effective whenever determined by the institution. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.

Current information may be obtained from the following sources: Admission Requirements-Office of Admissions; Course Offerings-department offering course; Degree Requirements-Office of the Registrar; Fees and Tuition-Office of the Comptroller.

ETSU complies fully with the Family Educational Rights and Privacy Act of 1974, as amended. The complete statement of policy may be obtained from the Office of the Registrar. East Tennessee State University is fully in accord with the belief that educational and employment opportunities should be available to all eligible persons without regard to age, gender, color, race, religion, national origin, disability, veteran status, or sexual orientation.

ETSU provides the opportunity for students to increase their knowledge by offering programs of instruction in the various disciplines and programs through faculty who, in the opinion of ETSU, are qualified for teaching at the college level. The acquisition and retention of knowledge by any student are, however, contingent upon the student's desire and ability to learn while applying appropriate study techniques to any course or program. Thus, ETSU must necessarily limit representation of student preparedness in any field of study to that competency demonstrated at that specific point in time at which appropriate academic measurements were taken to certify course or program completion.

Student Conduct, Rights, and Responsibilities

University students are citizens of the state, local, and national governments and of the academic community, and are, therefore, expected to conduct themselves as law-abiding members of each community at all times. Admission to an institution of higher education carries with it special privileges and imposes special responsibilities apart from those rights and duties enjoyed by nonstudents. In recognition of the special relationship that exists between the action as may be necessary to maintain campus conditions and preserve the integrity of the institution and its educational environment.

Pursuant to this authorization, the Tennessee Board of Regents has developed regulations which are intended to govern student conduct on the campus. In addition, students are subject to all national, state, and local laws and ordinances. If a student's violation of such laws or ordinances also adversely affects the institution's pursuit of its educational objectives, the institution may enforce its own regulations regardless of any proceedings instituted by other authorities. Conversely, violation of any section of the Tennessee Board of Regents regulations or university rules may subject a student to disciplinary measures by the institution whether or not such conduct is simultaneously violative of state, local, or national laws.

A complete statement on institutional student disciplinary rules and procedures can found in the student handbook located in the ETSU telephone directory.

Campus Security Report

East Tennessee State University makes available to prospective students and employees the ETSU Security Information Report. This annual report includes campus crime statistics for the three (3) most recent calendar years and various campus policies concerning law enforcement, the reporting of criminal activity, and crime prevention programs. The ETSU Security Information Report is available upon request from East Tennessee State University Department of Public Safety, Box 70646, Johnson City, Tennessee 37614-1702. The report can be accessed via the Internet at http://www.etsu.edu/dps/security_report.asp.

Smoking Policy, ETSU

Effective August 22, 2008, ETSU is a Tobacco-Free Campus, with smoking and all other tobacco usage permitted only in private vehicles. This policy applies to all university buildings/grounds; ETSU-affiliated off-campus locations, and clinics; any buildings owned, leased or rented by ETSU in all other areas; and ETSU facilities located on the campus of the James H. Quillen Veterans Affairs Medical Center at Mountain Home. Tobacco use is also prohibited in all state vehicles. This tobacco-free policy is in effect 24 hours a day year round.

Background: The university promotes a healthy, sanitary environment free from tobacco smoke and tobacco-related debris. The ETSU community acknowledges that long-term health hazards may accrue to people who use tobacco products or who are subjected to second-hand smoke. The failure to address the use of tobacco products on campus would constitute a violation of the American with Disabilities Act, the Vocational Rehabilitation Act and Tennessee law.

Support: Understanding the addictive nature of tobacco products, ETSU will make every effort to assist those who may wish to stop using tobacco. The university offers current information about available resources via <http://www.etsu.edu/humanres/smokingcessationresources.htm>.

Compliance: It is the responsibility of all members of the ETSU community to comply with this Tobacco-Free Campus Policy. Violations of the policy will be dealt with in a manner that is consistent with university procedures. There shall be no reprisals against anyone reporting violations of this policy.

Misrepresentation of Academic Credentials

It is a Class A misdemeanor to misrepresent academic credentials. A person commits the offense of misrepresentation of academic credentials who, knowing that the statement is false and with the intent to secure employment at or admission to an institution of higher education in Tennessee, represents, orally or in writing that such person:

- (1) Has successfully completed the required coursework for and has been awarded one (1) or more degrees or diplomas from an accredited institution of higher education;
- (2) Has successfully completed the required coursework for and has been awarded one (1) or more degrees for diplomas from a particular institution of higher education; or
- (3) Has successfully completed the required coursework for and has been awarded one (1) or more degrees or diplomas in a particular field or specialty from an accredited institution of higher education.

Student's Bill of Rights

Students along with faculty, staff, and administrators are all members of the East Tennessee State University community. Inherent with such membership is the responsibility to conduct oneself reasonably to maintain a civil community which respects the rights of all individuals.

The student has certain rights guaranteed by the Federal and State Constitutions or statutorily created legislation including:

1. Freedom of inquiry, freedom of speech, and freedom of expression that is respectful or sensitive to the rights of individuals.
2. The right to peaceably assemble, in accordance with federal, state, local, and ETSU regulations.
3. Religious freedom and a clear division of church and state.
4. Freedom from unreasonable search and/or seizure of person, or personal property.
5. Freedom from discrimination or harassment on the basis of gender, age, race, color, religion, national origin, or other protected status.
6. The right to privacy, including the maintenance of confidential records in accordance with provisions of the Family Educational Rights and Privacy Act of 1974 and 1975, qualified by the Tennessee Open Records Law.
7. The right to due process.

The Tennessee Board of Regents grants additional rights including:

1. The right to due process in disciplinary procedures of the university, including written notification of charges, an explanation of procedures, and a hearing before an appropriate administrator or committee.
2. The right to expeditious review of disciplinary sanctions upon appeal.
3. The right to participate in the decision-making process of the university through the Student Government Association (SGA), other student governance organizations, and membership on university standing and advisory committees.
4. The right to affiliate with officially registered student organizations if the membership requirements of those organizations have been met, and the right to seek to establish, through official procedures, additional student organizations of one's choosing.

East Tennessee State University acknowledges that students have a legitimate expectation that:

1. Classes meet as scheduled, and begin and adjourn on time.
2. Course requirements are clearly specified.
3. The instructor is prepared for class and possesses both oral and written communications skills.
4. Paper project grades and test results are received in a timely manner.
5. Information about progress in coursework is provided.
6. The instructor is qualified to teach the subject matter.

Additionally, students have the right to expect:

1. Accurate information concerning institutional services, regulations, policies, and procedures, in published form.
2. Representation in the university governance system.
3. Sound and accurate academic advice, information regarding courses required for graduation, and their schedule sequence.
4. Reasonable notice of any changes in academic requirements or programs and assurance that such changes will not be made in a way that unduly impedes the academic progress of the student already enrolled.
5. Flexibility in course scheduling (by dropping and adding) or withdrawing within university guidelines.
6. Information about the various types of financial assistance available.
7. Freedom to evaluate courses, programs, and services, and provide input to appropriate segments of the campus administration.

Student Complaint Policy and Procedure

Policy - This complaint policy and procedure is an electronic process. Selected complaint/appeal policies and forms can be accessed at www.etsu.edu/studentcomplaintpolicy

East Tennessee State University is committed to respecting all members of the university community and providing fair treatment regarding complaints by students. The objective of the Student Complaint Policy and Procedure is to ensure that concerns and complaints of undergraduate or graduate students are addressed fairly and are resolved promptly. Complaints usually involve actions affecting students that are alleged to be unjust, inequitable, or create unnecessary hardship. A student may pursue this complaint procedure if he or she believes a problem is not governed by other complaint or appeal procedures at the university (refer to [Selected Appeal Policies](#), the *Spectrum*, and the ETSU [catalogs](#) for other examples). The Colleges of Medicine and Pharmacy have their own student complaint policies; complaints should be directed to appropriate personnel as identified by those colleges.

East Tennessee State University seeks to provide students, staff and faculty members with a safe and secure learning environment, free of crime and/or violations motivated by discrimination, sexual and other bias-related harassment. There are two important complaint policies not governed by the Student Complaint Policy and Procedure: Sexual, Racial, and Other Harassment and Hate Crimes and Bias-Related Incidents. These types of complaints should be filed with the Special Assistant to the President for Equity and Diversity/Affirmative Action Director or, when a charge is by one student against another student, with the Dean of Students according to the procedures described in those policies.

Procedure

When a concern occurs, the student is encouraged to discuss it with the appropriate faculty member or administrator. Often a resolution or an answer can be attained informally. If an informal approach is neither successful nor advisable, the student should use the Student Complaint Policy and Procedure. The procedure for filing student complaints governed by this policy is as follows:

Step 1: To submit a complaint a student must complete the official *Student Complaint Form* and send it via email attachment, within ten working days of the date of the initiating event, to the chair or director most directly involved (if the complaint is directed against the chair or director, it should be referred to the dean of the college or next level administrator). The chair or director will attempt to determine the validity of the complaint, and in the case of a valid complaint, seek resolution, including administrative action. He or she will communicate his or her decision on the *Student Complaint Form* and make every effort to do so within ten working days from the conclusion of this process.

Step 2: If a student wishes to appeal the decision made in Step 1, he or she must submit the *Student Complaint Appeal Form A* and the completed *Student Complaint Form* via email attachments to the appropriate dean or administrator within ten working days from the date of the decision. Undergraduate students submit the materials to the dean of the college where the issue(s) arose and graduate students submit to the Dean of the School of Graduate Studies. In the case of a complaint involving a director, the student submits materials to the next level administrator.

The student will be invited to discuss the complaint with that individual, who will attempt to determine the validity of the complaint and, in the case of a valid complaint, seek resolution, including possible administrative action. He or she will communicate his or her decision on *Student Complaint Appeal Form A* and make every effort to inform the student within ten working days of the conclusion of the appeal.

Step 3:

If the student believes that he or she has not been afforded due process, the student must submit *Student Complaint Appeal Form B* together with *Student Complaint Appeal Form A* and the *Student Complaint Form* via email attachments to the vice president of the university division in which the complaint occurred within ten working days from the date of the decision. The vice president will make the final determination about the matter and communicate his or her decision on *Student Complaint Appeal Form B* and make every reasonable effort to submit his or her decision to the student within ten working days from the conclusion of this appeal. The determination will include reasons for the decision and direct a remedy, if any, to the student complaint.

Documentation

A record of all complaints and their resolution will be documented at each level of the review process by the appropriate administrator.

Electronic Mail Policy

This policy was adopted by the Information Technology Governance Committee on February 17, 2009.

As email has become an integral part of the academic process, confidential information about ETSU students is being transmitted, including evaluations, grades, and financial information. Faculty, staff, and students must recognize that although there is an expectation of privacy, unencrypted email is not a secure means of transmitting information. While this policy does not prohibit student information from being transmitted by email, caution must be exercised regarding the content of messages.

ETSU provides each student, faculty, and staff member with an official university-assigned email account. All official university communications will be sent to the university email address. Faculty, staff, and students may assume that official ETSU email is a valid communication mechanism. Therefore, the university has the right to send communications to students, faculty, and staff via email and the right to expect that those communications are received and read in a timely fashion. Since this is our primary method of communication, email should be checked at least daily. Although students may choose to forward university email to an external email account, he or she is responsible for all information, including attachments.

Revised 1/2009

East Tennessee State University
Vision Statement
To become the best regional university in the country.
East Tennessee State University Mission Statement
Approved by the Tennessee Board of Regents
January 2010

East Tennessee State University prepares students to become productive, enlightened citizens who actively serve their communities and our world. Education is the university's foremost goal. ETSU provides outstanding programs of study, enhanced access to education, and distinctive educational and research opportunities to attract students from around the region and the world. ETSU affirms that a diverse population is necessary for the intellectual, social, economic, and professional development of our campus and regional communities. Innovation and integration of educational programs, opportunities and scholarly activities enable ETSU to enrich the cultural and intellectual environment, advance economic development, and increase the level of educational attainment of our community and region. Innovation is advanced through entrepreneurial initiatives, interdisciplinary collaboration, and community and international partnerships. The research mission of ETSU advances scholarly and creative activity that enhances the teaching and learning environment and benefits the regional, national, and global communities we serve.

ETSU awards degrees in over one hundred baccalaureate, master's and doctoral programs, including distinctive interdisciplinary programs. The university provides strong, comprehensive educational, research, and service programs in the health sciences that advance the health and wellness of people throughout Tennessee and Southern Appalachia and of rural populations around the world. ETSU affirms the value of a liberal education and life-long learning by providing broadly enriching experiences through opportunities such as honors education, student research and creative activities, international study, community service, internships, and professional development. ETSU also affirms the importance of a total college experience by offering a rich campus life of cultural and artistic programs, diverse student activities, a variety of residential opportunities, and outstanding recreational and intercollegiate athletic programs.

ETSU Values

ETSU pursues its mission through a student-centered community of learning reflecting high standards and promoting a balance of liberal arts and professional preparation, continuous improvement, and based on core values where:

- PEOPLE come first, are treated with dignity and respect, and are encouraged to achieve their potential;
- RELATIONSHIPS are built on honesty, integrity, and trust;
- DIVERSITY of people and thought is respected;
- EXCELLENCE is achieved through teamwork, leadership, creativity, and a strong work ethic;
- EFFICIENCY is achieved through wise use of human and financial resources; and
- COMMITMENT to intellectual achievement is embraced.

The University

East Tennessee State University is one of the principal institutions governed by the Tennessee Board of Regents. Since opening in 1911 as a two-year normal school educating teachers, ETSU has grown into a major, diversified university. It serves more than 13,000 students, many of them from the Tri-Cities Tennessee/Virginia region and surrounding areas. Students from all 50 states and from numerous other countries also attend ETSU.

ETSU is comprised of 11 colleges and schools: College of Arts and Sciences, College of Business and Technology, College of Clinical and Rehabilitative Health Sciences, Claudius G. Clemmer College of Education, Honors College, James H. Quillen College of Medicine, College of Nursing, Bill Gatton College of Pharmacy, College of Public Health, School of Continuing Studies and Academic Outreach, and School of Graduate Studies.

ETSU nurtures an educational environment which respects individuality and stimulates creativity. It expands educational opportunities for all who desire and need university preparation while maintaining a setting conducive to intellectual curiosity and one that produces an enjoyable campus life.

The university is committed to the needs of all its students — from those who have emerging potential for university-level coursework to the gifted. ETSU also serves the region's citizens by providing a number of opportunities to continue lifelong learning.

ETSU has expanded to include baccalaureate degree programs in many fields and graduate programs leading to the master's degree, educational specialist degree, and doctorate. For undergraduates, the university offers broad programming which embraces the philosophy of a liberal education for all with special programs providing a primary level of expertise in the arts and sciences disciplines and selected professional fields. Its master's studies provide advanced and increasingly specialized preparation in academic, technical, and professional fields that meet the needs of our student population and promote regional development. Doctoral programs are available in a number of fields.

The university offers all programs and degrees during its regular day schedule, and extensive evening programs and online course offerings are also provided. With a 350-acre main campus in Johnson City along with centers in Kingsport and Elizabethton, ETSU maintains a semester enrollment of more than 13,000 students and serves 5,000-10,000 persons annually through continuing education and extended service programs.

A statewide leader in transfer articulation, ETSU shares over 280 agreements with 15 state and regional colleges and universities, allowing students to transfer credit hours easily.

Affirming a commitment to the fundamental values of higher education, ETSU presents programs of study that promote curiosity, stimulate thought, encourage reflection and the free interchange of ideas, and foster a genuine desire for learning. Undergraduate and graduate education at ETSU broaden the students' view of the world and encourage students to participate actively in creating a responsible, ethical society.

Through scholarship, research, and creative activity, the ETSU faculty both critically review and add to humanity's knowledge and cultural achievements. Faculty and staff apply their knowledge and expertise in the service of the region and the world beyond.

Throughout its history, ETSU has played a vital role in meeting the health care needs of the region. Programs in health education, public and environmental health, and nursing, some dating from the institution's earliest days, have evolved into formal colleges. The expansion of ETSU's Division of Health Sciences in the 1980s created still greater opportunities to serve the region, state, and nation through the development of a comprehensive academic health sciences center in Northeast Tennessee. The creation of the College of Pharmacy in 2005 further enhanced this aspect of the university's mission, as did the 2007 division of the College of Public and Allied Health into the College of Public Health (the first of its kind in Tennessee) and the College of Clinical and Rehabilitative Health Sciences.

The university's vision of education, scholarship, and service extends into the future, as outlined in "Turning Toward 2011: A Report by the Commission on the Future of ETSU." The more than 100 faculty, staff, community leaders, alumni, and students who spent two years envisioning what ETSU might be like on the way to its centennial in 2011 described a university that continues to build alliances beyond its walls, exerting strong leadership in health care and health promotion, economic development, education, environmental concerns, crime and violence issues, and public administration. In doing so, ETSU seeks to balance the innovations of the 21st century with the need to preserve the human contact that has characterized education at ETSU since 1911.

ENROLLING AT ETSU

Undergraduate Admission

All inquiries about admission, applications for admission, and transcripts of credit should be addressed to the:

Office of Admissions
 East Tennessee State University
 Box 70731
 Johnson City, TN 37614-1701

A personal interview is generally not required during the admissions procedure; however, when circumstances require that enrollment be restricted, an interview may be required.

Any student withholding application information or giving false information may be ineligible for admission or may be denied continuation of studies at the university.

**Requirements for Admission
 Freshman Admission**

Applicants for degree admission as first-time freshmen must provide an official transcript showing graduation from high school.* Graduates of high schools in any state are eligible to apply for admission to the freshman class. Graduates of Tennessee public high schools must provide a transcript certifying satisfactory performance on the Tennessee Gateway Tests in Mathematics, Language, and Science.

Applicants must request that the high school mail or provide through EDI a transcript of their high school records to the Office of Admissions at the time of application. The transcript of a Tennessee resident who is home schooled must be an official copy from an affiliated organization as defined by state law (Tennessee Code Ann. 49-50-801), or be accompanied by certification of registration with the local education agency which the student would otherwise attend.

A score report from the American College Testing Program (ACT) must be submitted by all entering freshmen who are under 21 years of age. If ACT scores are not available, SAT scores may be substituted.

The university schedules ACT assessment periodically throughout the year. Applicants for admission and students enrolled at ETSU are eligible to participate in the ACT testing program.

Applications for admission must be approved by the last day of registration (official census date) of a semester in order to be effective with that semester. **Proof of immunizations must be provided prior to course registration. Inquiries regarding immunization should be addressed to the Health Clinic, ETSU, Box 70675, Johnson City, TN 37614.**

** Exceptions made for GED applicants and early admission of first-time freshmen after the junior year in high school.*

Required High School Courses

The following high school courses are required for freshman applicants who have not reached age 21.

Subject Area	Required Units
English	4
Algebra I and II	2
Geometry or other advanced math course with	1
geometry as a major component	
Natural/Physical Sciences, including at least one	2
unit, with lab, of biology, chemistry, or physics	
Social Studies, including world history, world geography,	1
ancient history, European history, or modern history	
United States History	1
A single Foreign Language	2
Visual or Performing Arts, including theatre arts,	1
visual arts, music theory, music history, vocal music,	
art history, or general music	

Applicants with disabilities which directly prevent them from completing any required high school units should provide documentation of the disability during the admission process in order to receive consideration for waiver of the related unit requirements.

In addition to these, an additional unit in the arts, in mathematics, and in foreign languages is recommended. Different requirements may exist for some freshman applicants (e.g., GED, early admission, or international students). Applicants who meet the required high school GPA and/or ACT/SAT, who attended high schools not offering the required courses,

may be admitted to the university, but must remove the deficiencies during the first 64 semester hours.

Freshman applicants under age 21 who are not deficient in required high school units are eligible for admission by presenting minimum grade point average and ACT/SAT results according to the following:

- a. a minimum grade point average of 2.3 on a 4.0 scale or
- b. minimum ACT composite of 19 (or equivalent SAT).

Freshman applicants under age 21 who are deficient in required high school units may, under special circumstances, be admitted to the university; however, the deficiencies must be removed during the first 60 semester hours of college enrollment.

Admission by Exception: Freshman applicants under age 21 who are deficient in required high school units may be considered for admission according to the following:

- a. minimum ACT composite of 21 (or equivalent SAT) — up to two deficiencies;
- b. ACT composite of 19 or 20 (or equivalent SAT) and a minimum high school GPA of 2.5 on a 4.0 scale — up to two deficiencies — admission determined by committee review — committee chaired by the Vice Provost.

Alternative Admission: A limited number of alternative admission positions (150) is available to freshman applicants under age 21 who do not meet the standards outlined above. Alternate admission positions will be considered only for those who meet the following minimum standards:

- a. Tennesseans — minimum high school GPA of 2.0 on a 4.0 scale or an ACT composite score of 17 or higher (or equivalent SAT);
- b. Residents of other states — minimum high school GPA of 2.3 on a 4.0 scale or an ACT composite score of 19 or higher (or equivalent SAT).

Freshman Applicants Age 21 or Older: Freshman applicants age 21 or older who are graduates of high schools in any state are eligible to apply for admission. Graduates of Tennessee public high schools must provide a transcript certifying satisfactory performance on the Tennessee Gateway Tests in Mathematics, Language, and Science. Admitted students age 21 or older may be subject to required units based on the year of high school graduation. Admitted students over age 21 without recent ACT/SAT scores will be required to complete the COMPASS examination.

Admission with the GED-High School Equivalency Diploma: Applicants 18 years of age or older, who are not high school graduates, may apply for admission on the basis of scores presented on the General Education Development test (GED) of the American Council on Education.

Applicants who completed the GED prior to January 1, 1997, must present an average score of 45 or higher, with no single score below 35. Applicants who completed the GED January 1, 1997, or thereafter, must present an average score of 45 with no single score below 40. Applicants who complete the 2003 Series GED Tests, or thereafter, must earn a minimum of 410 on each of the five tests in the battery and an average (mean) score of 450 on the total battery. All applicants under 21 years of age who are admitted on the basis of GED scores must submit ACT or SAT scores. GED scores, ACT scores, and high school records of applicants under 21 years of age are considered in the admission process. Applicants with GED diplomas earned in 1989-1992 are subject to the foreign language unit requirement(s); applicants with GED diplomas earned in 1993 and thereafter are subject to the foreign language and visual/performing arts requirements.

Academic Placement (COMPASS Examination)

Applicants who qualify for admission may be placed in appropriate developmental studies courses according to valid ACT/SAT scores. Those without recent ACT/SAT scores may be required to complete the COMPASS examination to determine placement in developmental studies. Transfer students without transferable math or English may also be required to complete the COMPASS.

Early Enrollment Plans

Early enrollment is offered to high school students with superior academic records through plans authorized by the Tennessee Board of Regents. Each application for early admission is reviewed individually and must be endorsed by parents of the applicant, the high school principal or counselor, and admissions officers.

- 1. Enrollment After the Junior Year in High School (Early Admission):** A select group of students who distinguish themselves by high academic achievement in the 9th, 10th, and 11th grades may qualify for admission to the freshman class after the junior year in high school. Minimum selection criteria include a high school grade point average of 3.5 on a 4.0 scale and an ACT composite score of 25 (or equivalent SAT). Successful completion of the prescribed freshman courses at the university satisfies high school graduation requirements.
- 2. Enrollment During the Junior or Senior Year in High School (Dual Enrollment):** Currently enrolled high school students who have completed their sophomore year in high school may be admitted for either joint enrollment or dual enrollment or both in order to complete university courses. Minimum academic requirements include a 3.2 high school grade point average on a 4.0 scale. Additional requirements include testing: ACT: a minimum 19 composite with no subscore below 19; PLAN: a minimum 19 composite and no subscore below 19. PLAN scores may be substituted when the ACT has not been completed. Students may register for no more than seven (7) semester hours per semester when enrolled in this program. Students with unique talents may be granted permission to enroll in specific courses with the approval of the Director of Admissions.
- 3. Academically Talented/Gifted High School Students:** Currently enrolled students in grades 9-12 in public or private high schools who have been identified as academically talented/gifted and whose program of studies is planned on an individual basis by a multidisciplinary team may, with endorsement by the high school and the university, enroll for prescribed courses and earn university credit. Minimum criteria include a high school grade point average of 3.2 on a 4.0 scale. Students may register for no more than seven (7) semester hours per semester when enrolled in this program.

Inquiries about plans for early enrollment should be directed to the Office of Admissions.

Former Students — Readmission

All former ETSU students who have not been enrolled for one major term (fall or spring) must apply for readmission. Students who have attended another college since their last enrollment at ETSU are required to have an official transcript from that school forwarded to the Admissions Office for review. **Attending another higher education institution during a period of academic dismissal may adversely affect readmission to ETSU.** Former undergraduate students interested in graduate school must apply for admission to the School of Graduate Studies.

Transfer Student Admission

Students who have completed registration at any degree granting institution of higher education are required to report this fact on the Application for Admission. In addition, official transcripts from each institution must be forwarded to the Office of Admissions.

Students who seek to transfer from any degree granting institution of higher education are eligible for admission according to the following:

Postsecondary Transfer Credit Admission Requirements

12 or more transferable semester hours of credit earned	Minimum overall GPA on transferable hours
Attempted Hours	GPA
12.0 - 29.0	1.4
29.0 - 45.0	1.7
45.1 - 59.9	1.9
60+	2.0

Postsecondary Transfer Credit Admission Requirements

Less than 12 transferable semester hours of credit earned	Minimum overall GPA on transferable hours
Attempted Hours	GPA
1.0 - 29.0	1.4
29.1 - 45.0	1.7
45.1 - 59.9	1.9
60+	2.0

In addition, the applicant must meet all appropriate freshman admission requirements as outlined in the undergraduate catalog.

Applicants who do not meet the standards outlined above and who have not been enrolled in any institution of higher education for a minimum of three years may receive individual review by the Vice Provost or designee. If no transferable hours have been attempted, admission may be determined by a review of high school credentials, standardized test scores, and/or coursework completed at any degree granting institution of higher education.

Remedial and developmental courses are not used in determining eligibility for transfer admission. Applicants who have enrolled for one term only at any other college or university without obtaining the required grade point average for transfer and who meet regular freshman admission standards or admission by exception standards may be admitted on appropriate academic probation. Students are subject to existing regulations regarding removal of probationary status.

Transfer Student Application Procedure

In order to be admitted in a timely manner, degree-seeking transfer students should follow these steps:

- Fully complete the application form (all sections should be completed including dates where specified). Forms must be submitted to the Office of Admissions by **August 15th for Fall Semester and by December 15th for Spring Semester.**
- Provide the appropriate application fee at the time of application.
- Applicants who completed high school graduation requirements or the GED in 1989 and thereafter must provide to the Admissions Office an official high school transcript* and GED scores if applicable. High school records are not generally required for those graduating prior to 1989. Such documentation must be provided by August 15th for Fall Semester and by December 15th for Spring Semester. Only transcripts including coursework in progress at the time of application may be provided after the deadline date.
- Provide official transcripts* as well from all previously attended colleges and universities as well as high school transcripts to the Office of Admissions by **August 15th for Fall Semester and by December 15th for Spring Semester.**

Applicants not meeting the guidelines as outlined above cannot be assured of admission to the university or complete transfer credit analysis.

Late applications may be reviewed at the discretion of the Vice Provost for Enrollment Services.

* An official transcript is one which is validated, issued, and mailed directly by the previous institution in a sealed institutional envelope to the Office of Admissions, P.O. Box 70731, ETSU, Johnson City, TN 37614. Tennessee Board of Regents institutions may provide Electronic Data Interchange (EDI) transcripts per TBR policy.

Proof of immunizations must be provided prior to course registration. Inquiries regarding immunization should be addressed to the Health Clinic, ETSU, Box 70675, Johnson City, TN 37614.

Advanced Standing Credit

ETSU will review for possible credit courses earned from all institutions of higher education previously attended, advanced placement or other examinations, training provided by non-collegiate institutions, or experiential learning. Credit toward a degree will be **directly** accepted only from college-level institutions for courses that are substantially equivalent in nature, content, and level of credit offered by ETSU. Consideration will be given to the appropriateness and applicability of the credit earned to the programs offered by ETSU, in light of the student's educational goals.

Transfer credit earned from colleges accredited by the Southern Association of Colleges and Secondary Schools (or corresponding agencies for other states and regions of the United States) will be considered for **direct** application toward a degree. The Office of Admissions will evaluate undergraduate credits for university-wide use. This evaluation will be made using historical precedent, current articulated program information, and/or review by the appropriate ETSU college dean and faculty.

Credit from courses completed at institutions not regionally accredited as described above, advanced placement or other examinations, training provided by non-collegiate institutions, or experiential learning will be reviewed according to the following.

Credit for Service in the Armed Forces

ETSU will award credit for military training courses in the Armed Services of the United States as recommended by the American Council on Education in the publication *Guide to the Evaluation of Educational*

Experiences in the Armed Services. Veterans may submit the following transcripts for consideration.

Army - Army/American Council on Education Registry Transcript (AARTS)

Navy/Marine - Sailors-Marine Corps American Council on Education Registry Transcript (SMART)

Air Force - Community College of the Air Force Transcript

Coast Guard - Coast Guard Institute Education Transcript

In addition to the forms mentioned above, an individual may submit a DD214, Certificate of Release or Discharge from Active Duty, a DD295, or an official transcript from Defense Activity for Non-Traditional Education Support (DANTES) subject standardized tests administered by Education Testing Service or other official documentation of completion of military training. No credit is awarded for MOS, rates, and ratings. Military credit will not satisfy writing, oral communication, and using information technology proficiency requirements. Questions regarding military training credit should be referred to the Admissions Office.

Advanced Placement Credit

ETSU participates in the Advanced Placement Program of the College Entrance Examination Board (CEEB). Advanced Placement course participants who score 3, 4, or 5 on the CEEB Advanced Placement Tests will be awarded credit. A grade of 'P' for passed hours will be awarded in appropriate degree courses. A list of Advanced Placement examinations, minimum score requirements, ETSU courses fulfilled and semester hours of credit is available in the Nontraditional Credit Guide available from the Office of Admissions. An official transcript of AP credit must be provided from the CEEB.

ACT/SAT Credit for Freshman English

1. Entering freshmen whose standard score on the English section of the ACT is 28 or better may request 3 hours credit for ENGL 1010 and may then enroll in ENGL 1020.
2. Entering freshmen whose standard score on the Verbal section of the SAT is 630 or better may request 3 hours credit for ENGL 1010 and may then enroll in ENGL 1020.

Note: The highest English score will determine the student's eligibility for this credit.

International Baccalaureate Program

The International Baccalaureate is a secondary curriculum and university entrance examination available in many countries and recognized worldwide. Students completing International Baccalaureate program higher level courses in high school who successfully complete the examinations for such courses with a score of 4, 5, 6, or 7 are awarded passed hours of credit (grade of 'P') in degree courses. Additional information is available from the Office of Admissions.

Credit by examination as outlined below will not award credit in courses previously completed for credit and will not satisfy writing, oral communication, and using information technology proficiency requirements.

College Level Examination Program (CLEP)

CLEP examinations are sponsored by the College Entrance Examination Board (CEEB). Eligible students may earn advanced credit by successfully completing certain CLEP general and subject examinations. ETSU generally follows the recommendations of the Commission on Educational Credit and Credentials of the American Council on Education for awarding credit toward degree programs. A grade of 'P' for passed hours of credit will be awarded in appropriate degree courses, but will not replace previously earned grades. A list of CLEP examinations, minimum scores, ETSU courses fulfilled and semester hours of credit is available in the Nontraditional Credit Guide available from the Office of Admissions.

Departmental Course Challenge Exams

Comprehensive departmental course challenge exams are available in most undergraduate courses. Students enrolled in ETSU who believe they have sufficient mastery of subject matter in specific ETSU courses may request to attempt a comprehensive examination through the chair of the department offering the course. Grades of A, B, C, D, or F or grades of 'P' for passed hours and 'F' for failed hours may be assigned for examination performance as determined by the appropriate academic department. A fee of \$15.00 per credit hour sought will be charged. The administration of the examination is at the discretion of the academic department.

Information regarding comprehensive departmental examinations is available from the Office of the Registrar.

Excelsior College Examination

The Excelsior College Examination provides a series of college-level examinations designed to measure subject matter attained primarily outside typical classrooms as a basis for advanced standing credit. A grade of 'P' for passed hours may be assigned for satisfactory examination performance on certain exams. Additional information is available from the Office of Admissions.

National League for Nursing (NLN) Mobility Profile II Testing

The ETSU College of Nursing accepts credit earned through NLN Mobility Profile II testing. Registered nurses may receive credit for Nursing coursework completed at a diploma program or a non-NLN-accredited associate program. This credit may be applied toward the requirements for the Bachelor of Science degree in Nursing (B.S.N.). Additional information is available from the Office of Student Services, College of Nursing.

University Credit for Experiential Learning (Bachelor of General Studies [B.G.S.], Bachelor of Professional Studies [B.S.P.S.], or Bachelor of Interdisciplinary Studies [B.S.I.S.]

Students seeking one of the degrees listed above may provide for review a detailed and documented portfolio of experiential learning for possible credit. Experiential learning is typically learning that has taken place outside of traditional college settings but does not include credit based upon advanced placement or other examinations (i.e., CLEP) or training provided by noncollegiate institutions such as the Armed Forces that is reviewed for credit by the American Council on Education. Credit for experiential learning will only be awarded after the appropriate ETSU academic department and college dean have determined that end of course competencies have been evidenced for **specific ETSU courses**. A grade of "P" for passed hours will be awarded for credit in the B.G.S. degree program. Credit for specific courses will not exceed the credit hour(s) awarded by ETSU for the equivalent course. Students must file the *Application for Academic Credit Earned through Experiential Learning*. Credit may be obtained for applicable courses completed through noncollegiate-sponsored instruction or training as recommended in the *American Council on Education National Guide to Educational Credit for Training Programs*. Additional information is available from the Office of Admissions or the School of Continuing Studies and Academic Outreach.

Credit from Non-Regionally Accredited Collegiate Institutions

ETSU will review for possible credit courses earned through non-regionally accredited collegiate institutions. If a student wishes ETSU to consider acceptance of academic credit completed through institutions not accredited by regional accrediting associations, a petition that such credit be reviewed must be filed. This petition, the *Application for Academic Credit Earned at Non-Regionally Accredited Collegiate Institutions*, is available from the Office of Admissions. The student must obtain this petition form and provide it to the appropriate academic department. Credit will be recorded on a student's record only after the appropriate academic department and dean have reviewed the course and determined it to be equivalent in content to an ETSU course and approval is issued by the Vice Provost for Academic Affairs. Further, the academic department and dean will determine that end of course competencies have been satisfactorily completed by the student. Departmental examinations, standardized testing, validation, and other means may be used by the academic department to determine course competencies. A grade of "P" for passed hours will be recorded for approved courses. One form is required for **each** course petitioned for acceptance. The Office of Admissions may be contacted for additional information.

Additional Transfer Information

Applicants holding an associate's degree designed for transfer to a university are granted credit toward completion of the baccalaureate degree for appropriate courses completed for the associate's degree program. Applicants holding an associate's degree not designed for transfer to a university are granted credit for level-one (freshman and sophomore) courses that are equivalent to level-one courses offered by the university.

Where a student was not awarded an associate's degree designed for transfer purposes, ETSU will accept those level-one (freshman and sophomore) courses completed at a community college which have been determined to be equivalent to level-one courses offered by the university, as creditable toward completion of relevant requirements for degree programs at ETSU, to the same extent that level-one courses would be creditable toward completion of the degree programs by the university's native students with the same degree major.

A student transferring credits from a two-year collegiate institution must complete as a requirement for the baccalaureate degree a minimum of 50 semester hours in an accredited senior institution. Residency and other degree requirements of the university must be met.

Grades accepted in transfer become a part of the ETSU grade point average. Transfer grades are computed as the same grades would be computed had they been earned in residence at ETSU, including repeated courses. However, ETSU does not recognize forgiveness policies or academic bankruptcies administered by other institutions. In the case of the application of such a policy prior to transfer, all grades are treated at their original face value. If original grades are not contained in original transcripts, then all previous courses are assumed to have been failed.

Students beginning college study fall 1989 or later who have not completed 60 semester hours of transferable work and who have not earned an associate's degree designed for transfer are subject to the same high school units requirement described under "Freshman Admission." Eligible transfer students who have not completed all these courses will be admitted, but must remove any deficiencies within the first 30 semester hours after initial enrollment. Following a review of transfer credit, it may be determined that a transfer student must complete the test in part or total before registering for classes.

Transfer students with less than 60 semester hours of credit who have not earned college-level math or English credit must undergo COMPASS assessment in the appropriate area(s). Assessment in reading may be required.

All transfer applicants should request that the registrar of each college attended mail an official transcript to the ETSU Office of Admissions. Students who began college fall 1989 and thereafter should request that both college and high school transcripts be sent to the Office of Admissions.

Second Undergraduate Degree Students

Students who hold a bachelor's degree from ETSU or any other regionally accredited college or university may apply to earn a second bachelor's degree. Applications should be filed in the Office of Admissions. Students pursuing a second bachelor's degree must apply, select a major program, and provide official transcripts by August 15th for Fall Semester and by December 15th for Spring Semester. Additional information on second bachelor degrees is available in the catalog section entitled Degree and Graduation Requirements. Second degree students are exempt from general education requirements and also from related graduation requirements such as the proficiency-intensive requirement and the computer proficiency requirement.

Undergraduate Special Student Admission

An Undergraduate Special Student is one who may or may not have a bachelor's degree who wishes to enroll in undergraduate level courses only, but who is not admitted into an undergraduate program of study. Undergraduate Special Students may enroll only in undergraduate level coursework. Special students may not qualify for financial aid.

The classification of "special student" is provided for persons over 18 years of age who are not enrolled for a degree but who wish to enroll for a limited number of courses for vocational or avocational reasons. Special students are not required to submit full application credentials. Undergraduate special students who have not completed appropriate collegiate level math or English shall not enroll for such courses without taking appropriate portions of the COMPASS test battery. In order to have credit apply toward a degree, special students must submit full application credentials, complete the COMPASS test battery where appropriate, and be approved for admission to a degree program.

Admission of Undergraduate Special Students will be through the ETSU Undergraduate Admissions Office. For more information contact the Admissions Office at 423/439-4213.

Visiting Student Admission

The classification of "visiting student" is provided for persons enrolled in a degree program at another institution who have been given permission to enroll for a limited number of courses at ETSU. A letter of good standing may be submitted from the degree-granting institution in lieu of a transcript of the academic record. Proof of completion of prerequisite courses may be required for enrollment in specific ETSU courses.

Milligan College/Emmanual/ETSU Agreement

Full-time students (12 credits or more) may take courses at Milligan College and Emmanual School of Religion. Courses taken through this agreement may be used for elective credit only. Students who wish to cross enroll under this plan may obtain additional information from the Office of the Registrar, Burgin E. Dossett Hall, Room 101.

Students Denied Admission

Applicants who do not meet admission standards and, as a result, are denied acceptance may choose to file a letter of appeal. Appeals will be considered on a timely basis prior to the beginning of each semester. Appeals are reviewed by the Admissions and Readmissions Advisory Committee. The committee may approve or disapprove the initial decision to deny admission. A committee recommendation is then made to the Provost, who may approve or disapprove the committee's recommendation. Appeals requested after the first day of classes for the semester may be considered by the Admissions and Readmissions Advisory Committee at the discretion of the Vice Provost for Enrollment Services or designee.

Admission of International Students

International students are required to submit the same credentials for admission as are required of other students and, in addition, must submit their scores on the Test of English as a Foreign Language (TOEFL) if English is not their native language. A minimum score of 500 (score of 173 on computer-based TOEFL or score of 61 on Internet-based TOEFL) is required for undergraduate admission. Admission credentials must also include evidence of capability to meet financial obligations relating to study at the university. Transfer credit awarded on the basis of educational experiences outside of the United States, including Examination Results, carries a grade notation of 'P' for passed hours.

If English is not the native language, students may be required to take an English placement exam when they arrive on campus. Students who cannot demonstrate satisfactory proficiency in English may be required to enroll in an English as a Second Language class.

All freshman international students who do not present an ACT Composite Score of 19 or higher or subscores in English or math of 19 or higher, (or comparable SAT) will be required to complete appropriate testing and/or developmental classes.

Admission must be granted and financial documentation and degree confirmation must be received prior to issuance of an I-20 or IAP-66 form needed to obtain a visa.

The university will adhere to all Immigration and Naturalization Service (INS) and Department of State Regulations in the admission, enrollment, and readmission of international, nonimmigrant applicants.

Exchange Programs

It is the responsibility of a nonimmigrant applicant to comply with current INS regulations in regard to collegiate enrollment. New INS regulations may prohibit the enrollment of an individual in B-1 or B-2 status.

The Office of International Programs administers the university's foreign student (F status) and visitor exchange (J status) programs. Other nonimmigrant applicants may consult with this office.

East Tennessee State University encourages and supports students' participation in sponsored exchange programs such as the National Student Exchange (NSE), International Student Exchange Program (ISEP), and bilateral exchanges. Courses taken while participating in exchange programs may be transferred to ETSU and may fulfill graduation requirements while tuition, fees and sometimes room and board are paid at ETSU rates. See International Programs for more information.

Special Requirements

Certain instructional programs of the university are subject to special admission requirements which are in addition to the general requirements. Students should check for special admission requirements for their major field of study in the departmental sections of this catalog.

Enrollment of Disabled Persons and Persons Over 60 Years of Age

Audit Enrollment — Disabled persons suffering from a permanent disability which totally incapacitates them from employment, and persons 60 years of age or older may audit courses without the payment of regular course fees.

Credit Enrollment — Disabled persons described above and persons 65 years of age or older may enroll for credit by payment of a service fee required to defray the cost of record keeping. Other fees and special course fees may be required.

Enrollment of such disabled persons and persons 60 years of age or over is restricted to those who are domiciled in Tennessee and may be further limited or denied on an individual classroom basis according to space availability. Acceptable documentation of disability and age is required. Enrollment in classes offered through the James H. Quillen College of Medicine and the Bill Gatton College of Pharmacy is not included.

Academic Fresh Start

Academic Fresh Start is a plan of academic forgiveness provided for students who have a record of poor academic performance. This program is designed to assist students by allowing calculation of grade point average and credit hours toward graduation to be based only on work completed after returning to college under the Academic Fresh Start policy. A period of no less than four years must have elapsed since the candidate was last enrolled in a higher education institution. A student may be granted an Academic Fresh Start only once.

Eligibility

1. Candidates must be undergraduate lower division students and may have attempted no more than 60 hours including remedial and developmental courses.
2. A period of no less than four years (48) months must have elapsed since the candidate last attended a higher education institution.
3. Candidates may apply for Academic Fresh Start prior to re-enrollment or any time prior to the completion of 15 semester hours of credit after re-enrollment.
4. The candidate may never have been granted academic forgiveness according to this or a similar provision at any institution of higher education.

Application Procedure

Those meeting the above criteria must complete and file the Academic Fresh Start Contract form and the appropriate application for admission.

Policy Provisions

1. Candidates must meet all conditions for eligibility.
2. All prior coursework from ETSU or other institutions will be forfeited with the exception of previously satisfied COMPASS requirements.
3. The COMPASS examination must be completed by those who have not previously done so.
4. Placement will be determined in the University Advisement Center.
5. The permanent academic record will retain all prior coursework, and the record will include “Granted Academic Fresh Start” and the date.
6. Summary statistics will reflect only the coursework completed after the “fresh start.”
7. Fresh Start students will be classified as first-time freshmen.
8. Students in Fresh Start will be subject to Academic Retention Standards in effect at ETSU.
9. Once begun, the Academic Fresh Start is irrevocable.
10. All decisions of the Vice Provost for Enrollment Services are final.

Additional information is available from the Undergraduate Admissions Office at 423/439-4213

Other Admission Categories

Contact the Office of Admissions for any special requirement.

Academic Common Market

The Academic Common market is an interstate agreement among southern states for sharing academic uncommon programs. Participating states are able to make arrangements for their residents who qualify for admission to enroll in specific programs in other states on an in-state tuition basis.

To enroll as an Academic Common Market student:

- (1) Be accepted for admission into an ETSU program to which your state has obtained access for its residents through the Academic Common Market.
- (2) Obtain certification of residency from the Common Market Coordinator in your home state; (Contact the State Coordinator for certification information.)
- (3) Process certification in ETSU Office of Admissions (undergraduate programs) or Graduate Office (graduate programs).

IMPORTANT— Certification must be processed by last day of registration (official census date) of semester in order to be effective with that semester. Certification processed after that date will be effective with the next semester.

** Note: Programs subject to change by the university, states, or Southern Regional Education Board without notice.*

Approved Programs in Undergraduate Studies	State
Bachelor of Science in Surveying and Mapping	Alabama
Bachelor of Science in Dental Hygiene (<i>on-site and online</i>)	Arkansas
Bachelor of Science in Digital Media	Arkansas
Bachelor of Science in Dental Hygiene (<i>on-site and online</i>).....	Delaware
Bachelor of Arts in Bluegrass, Old Time, and Country Music	Georgia
Bachelor of Science in Engineering Technology	Georgia
<i>(Biomedical Engineering Technology only)</i>	
Bachelor of Science in Dental Hygiene (<i>online only</i>)	Kentucky
Bachelor of Science in Digital Media	Kentucky
Bachelor of Science in Surveying and Mapping	Kentucky
Bachelor of Science in Professional Studies (RODP)	Louisiana
<i>(Information Technology and Organization Leadership)</i>	
Bachelor of Science in Mass Communication	Maryland
<i>(Broadcasting option only)</i>	
Bachelor of Science in Surveying and Mapping	Mississippi
Bachelor of Science in Digital Media	Mississippi
Bachelor of Science in Environmental Health	South Carolina
Bachelor of Science in Surveying and Mapping	South Carolina
Bachelor of Science in Digital Media	South Carolina
Bachelor of Science in Allied Health	South Carolina
<i>(Cardiopulmonary Science, Allied Health Leadership, and Radiography)</i>	
Bachelor of Science in Dental Hygiene (<i>online or onsite</i>)	South Carolina
Bachelor of Science in Surveying and Mapping	Virginia
Bachelor of Science in Engineering Technology	Virginia
<i>(Manufacturing, Construction, and Biomedical options only)</i>	
Bachelor of Science in Environmental Health	Virginia
Bachelor of Science in Public Health	Virginia
Bachelor of Science in Allied Health	Virginia
<i>(Cardiopulmonary Science and Allied Health Leadership)</i>	
Bachelor of Science in Digital Media	Virginia
Bachelor of Science in Engineering Technology	West Virginia
<i>(Construction Option Only)</i>	
Bachelor of Science in Surveying and Mapping	West Virginia
Bachelor of Science in Digital Media	West Virginia
Approved Programs in Graduate Studies	
Master of Science in Engineering Technology	
	Virginia
	Kentucky
Master of Science in Environmental Health	Florida
	Virginia
	West Virginia
Master of Arts in Reading	Virginia
Master of Arts in Reading (<i>Storytelling Option</i>)	Alabama
	Florida
	Georgia
	Kentucky
	Louisiana
Master of Arts in Reading (<i>Storytelling Option</i>) <i>cont.</i>	Maryland
	Oklahoma
	South Carolina
	Texas
Master of Science in Clinical Nutrition	South Carolina

Doctorate of Audiology	Georgia South Carolina
Master of Science in Technology	North Carolina (<i>Geoscience Option</i>)

Instructions for In-State Tuition Requests

Available to residents in
 Virginia: Lee, Scott, and Washington counties
 North Carolina: Avery, Madison, Watauga, Mitchell, Yancy, Ashe, and Haywood counties.

To be considered you should apply and be fully admitted to ETSU. In addition, you must meet the requirements as outlined below and file the Request for *In-State Tuition Rate* form (available from the Office of Admissions for undergraduate students and the School of Graduate Studies for graduate students).

New Students:

- **First-time freshmen** with a 21 ACT / 990 SAT (combined Reading Comprehension and Math scores only) or a 2.75 high school GPA (on a 4.0 scale) will be provided the in-state rate, assuming they meet all other admission requirements. These students must remain in “good academic standing” for renewal of this rate each semester.
- **Transfer students** with a cumulative transfer GPA of 2.5 (on a 4.0 scale) on 12 or more hours of transferable work (beyond developmental courses) will be provided the in-state rate, assuming they meet all other admission requirements. These students must remain in “good academic standing” for renewal of this rate each semester.
- **First-time freshmen adult students**, age 21 or older, must meet the regular ETSU freshmen admissions standards.
- **Graduate students** who are admitted under program admission requirements for their field of study would be provided the in-state rate. These students must remain in “good academic standing” for renewal of this rate each semester.

Currently Enrolled Students:

Currently enrolled students will be eligible to receive the in-state rate. These students must remain in “good academic standing” for renewal of this rate each semester.

Others:

- **Undergraduate students who enroll at ETSU who are not initially eligible for the in-state rate** may apply for inclusion in the in-state tuition program after earning 24 hours in residence. The earned credit must be beyond developmental level. Awards will be made on the basis of availability of funds, and academic potential of the applicant.
- **Undergraduate and Graduate non-degree seeking students** may be eligible for the in-state tuition program. Awards will be considered on the basis of availability of funds, a review of the student’s academic plans/goals, and the academic potential of the applicant.

Note: The fee waiver is not applicable to the James H. Quillen College of Medicine or the Pharmacy Doctorate.

Registration and Orientation

During the summer, new students, both freshmen and transfer, and their parents are invited to the campus to share in an orientation to university life and to register early for fall semester classes. In this way, new students and their parents become acquainted with other students, faculty members, and administrators; discuss college plans with academic advisors and career counselors; visit dormitories, classrooms, and laboratories; and enjoy guided tours of the campus. All students attending ETSU for the first time must attend an orientation session. When the day of freshman and transfer orientation and registration is over, students leave the campus with their class schedules completed and with much firsthand information about the university, its academic programs, its faculty, students, and administrators.

Throughout their college careers at ETSU, students have opportunities each semester to participate in career development programs, discuss academic goals with faculty advisors, and register early for the next semester of study.

Expenses

No tuition and fee bills are mailed to students. Account statements are available on *GoldLink* online. Tuition and fees of the university are subject to change at any time by the Tennessee Board of Regents.

Tuition and Fees

Academic Year 2009 - 2010
(Subject to change without notice)

Application Fee

All applications for admission submitted by persons who have not been enrolled in the university previously must be accompanied by a nonrefundable \$15 application fee. (\$25 for international applicants.)

Undergraduate Maintenance Fee

One hundred, eighty-nine dollars (\$189) per semester hour, not to exceed (\$2,151) per semester (Except during summer term. See summer schedule of classes.)

All determinations concerning classification of in-state and out-of-state for fee-paying and other purposes are made in the Office of Admissions for undergraduate students.

Graduate Maintenance Fee

Three hundred, five dollars (\$305) per semester hour, not to exceed (\$2,886) per semester (except during summer term. See summer schedule of classes.)

All determinations concerning classification of in-state and out-of-state for fee-paying and other purposes are made in the School of Graduate Studies for graduate students.

Program Service Fees

Fifty-seven dollars (\$57) per semester hour, not to exceed \$449.50 per semester.

Out-of-State Tuition

Four hundred, seventy-three dollars (\$473) per semester hour, not to exceed \$5,446 per semester. Tuition, is in addition to the above registration fee. (Except during summer term. See summer schedule of Classes.)

Auditing Fees

Same as regular fees. (Special reduced rates apply to senior citizens and totally disabled students.)

Pre-Summer

The university offers a three-week pre-summer between the end of spring semester and the beginning of summer term. Students may enroll for concentrated course offerings, special courses, and workshops during this period. Maintenance fees will be assessed by credit hour.

Fees for Summer Term

The summer term is divided into two sessions, each five weeks in duration. Students may enroll for either session separately or for both sessions at the beginning of the summer term. If a student who has registered for first-session courses decides later to enroll for second-session courses, he may do so by adding and paying for such courses on or before the second session begins. Summer maintenance fees are assessed per credit hour **with no maximum**.

Regents Online Degree Program (RODP)

For information about RODP, go to <http://www.etsu.edu/d21/RODP-Fees.aspx>.

General Expenses Board

University Cafeteria (estimate per semester)..... \$1,935 - \$1,215

Materials and Course Fees

Please see http://www.etsu.edu/comptrol/bursar_fees.htm.

Miscellaneous

Late Registration	\$100
Transcripts	NO CHARGE
Replacement Diploma	\$10

**Fees are subject to state and local sales tax.*

***Students living in campus housing will have a box assigned. Students not living in campus housing may request a box for their use at no additional charge.*

Housing Fees

(subject to change without notice)

Family and Graduate Housing

(Apartment rents listed below are 2009-2010 prices and includes all utilities.)

Buccaneer Village Apartments

Deposit \$150.00

Rent

Efficiencies \$1,955/semester
 One bedroom \$2,125/semester
 Two bedroom \$2,355/semester

Buccaneer Ridge Apartments (Phase I)

Deposit \$150.00

Rent (per person)

Two bedroom—academic year lease \$2,740 per semester/per person
 Two bedroom—extended (12 month) lease \$2,370 per semester/per person
 Four bedroom—academic year lease \$2,470 per semester/per person
 Four bedroom—extended (12 month lease) \$2,100 per semester/per person

Buccaneer Ridge Apartments (Phase II)

Deposit \$150.00

Rent (per person)

Two bedroom—academic year lease \$2,840 per semester/per person
 Two bedroom—extended (12 month lease) \$2,460 per semester/per person

General Expenses

University Meal Plans (estimate/semester) \$399-\$1299/semester
 Books (estimate per semester) \$500 - \$700

For the most current information about university tuition and program fees, see <http://www.etsu.edu/fa/fs/bursar/>

Fees and Deposits

The listing of fees in this publication does not constitute a contract between the university and the student. As a condition of registration, each student must pay fees by the established deadline and prior to attending classes.

Returned Checks

Acknowledged bank errors excepted, students will be charged \$30 for each check (regardless of amount) that is returned unpaid by their bank. See Regulations Governing Fee Payment below.

Fee Payment

Students are expected to make payment for all classes for which they are enrolled on or before the payment deadline.

Confirmation of Fee Payment

A student's registration is not complete until the student pays the appropriate fees in the Bursar's office. Students with fees paid in full by financial aid must confirm fee payment by authorizing the university to use financial aid proceeds through one of the fee payment methods listed below.

Fee Payment for Financial Aid Recipients

Students receiving financial aid will have estimated awards on their online account summary. If the awarding of aid is complete and the student's fees are paid in full, the student's registration must be completed by confirmation of fee payment. If fees are not paid in full by financial aid, the student must pay the balance due by the fee deadline. If you are a financial aid recipient and you have questions about the payment of fees, please consult the Schedule of Classes for the appropriate term referring to "Fee Payment" page, or contact the Office of the Bursar/Financial Services at 423/439-4212.

Regulations Governing Fee Payment

The university operates on the semester system and a cash basis. Students are required to pay all university fees when registering at the beginning of each semester.

The student ID card is used for admission and identification for athletic contests, social functions, and other activities during the semester for which the student is enrolled.

The engagement of a room in the dormitory is for the full year, payable on a semester basis. However, if a student enters the residence hall after the semester begins, the charges are prorated for the remainder of the semester. Dormitory rent may be paid on deferred payment plan if the student does not have sufficient grant, scholarship, or loan funds to pay all registration fees, including dormitory rent, at the beginning of the semester. There is a charge for this service.

Students shall be held responsible for damages, breakage, or loss of university property. The room reservation fee of \$100 is retained as a room breakage deposit for all living in the dormitories.

Students may not reenroll, graduate, or receive a transcript of their records until all indebtedness to the university is removed.

A student's registration is not completed until the university receives payment in the amount of fees due the university. If payment is made with a check that is not honored (acknowledged bank errors excepted), a late fee will be charged when the student redeems the unpaid check. If the unpaid check is not redeemed within 10 days of return, the student may be disenrolled.

Fee Adjustment Policies

Fee adjustment policies for maintenance fees, out-of-state tuition, and debt service fees are outlined below. Fee adjustments due will typically be processed two weeks after the changes in enrollment status.

Change of a Student's Status Which May Not Permit a Fee Adjustment

Student(s) who are suspended or expelled from the university or residence facilities are not eligible for a fee adjustment of housing rent/deposit or university tuition fees.

Change of a Student's Status Which May Permit a Fee Adjustment

Change in a full-time student's schedule which results in the reclassification to a part-time student.

Change in a part-time student's schedule which results in a class load of fewer hours.

Situations Which May Permit a Fee Adjustment

- Dropping a course or courses;
- Withdrawing from the institution;
- Cancellation of a class by the institution;
- Death of the student.

Fee Adjustment Procedures

Fee adjustments are defined as the reduction of maintenance and/or tuition, fees and university housing charges from a student dropping credits, withdrawing, or being expelled from the university. The amount of the fee adjustment is determined according to the schedule below.

Fee adjustments are 100 percent for courses cancelled by the institution.

The fee adjustment for withdrawals or drops during regular terms (fall and spring) is 75 percent from the first day of classes through the fourteenth calendar day of classes and then reduced to 25 percent for a period of time which extends 25 percent of the length of the term. There is no fee adjustment after the 25 percent period ends. Students enrolling in more than a full-time course load receive the benefit of additional coursework at no additional cost. Dropping or withdrawing from classes during either the 75 percent or the 25 percent fee adjustment period will result in a fee adjustment of assessed maintenance fees based on the total credit hours of the final student enrollment. The fee adjustment is calculated as the difference between (1) the cost of originally enrolled hours and (2) the per credit hour cost of the courses at final enrollment after adjustments have been applied for all courses dropped. Adjustments are calculated at the full per credit hour rate less the fee adjustment credit at the applicable fee adjustment percentage (regardless of the original number of hours enrolled) with total costs not to exceed full-time tuition. For students dropping courses resulting in a change from full-time status to part-time status, a fee adjustment in the tuition and fees will result only if the new calculated charges are less than the original charges. Not all drops/withdrawals will result in a fee adjustment.

Return of Title IV Federal Student Aid

This requirement applies to you ONLY if:

1. You receive federal student aid, and
2. You withdraw prior to completing 60 percent of the period for which the aid was provided.

The federal law requires federal aid recipients to "earn" the aid they receive by staying enrolled in college at least half time. Students who withdraw prior to completing 60 percent of the semester for which they received federal student aid may be required to return some or all of the aid they were awarded.

The law assumes that you used Title IV student aid to pay your institutional charges – tuition, fees, dorm room, and board. Thus, if you withdraw

prior to completing 60 percent of the semester for which you were awarded aid, a pro-rata amount of your aid must be returned to the federal government.

First, the university will return to the appropriate federal source a proportional share of the institutional charges that you paid. In general, the effect of this “return of Title IV aid” by the institution will be to reduce your outstanding loan balance. Second, if the amount returned by the university is not enough to repay the entire “unearned” amount of student aid according to the length of your enrollment, you will be required to return portions of the federal student aid you received to pay noninstitutional charges.

Amounts that must be returned to federal aid sources, whether by the university or by you, will first be applied to your federal loans. With respect to any amount you owe after the university has returned its share, you will be permitted to repay loans based on the original terms of the loan. In the event you received a grant or scholarship from a Title IV source, you may be required to return portions of the grant or scholarship. In the case of “unearned” portions of federal grants or scholarships, you will be expected to pay 50 percent of the “unearned” portion immediately.

Any refund due to you from the university for amounts you paid to cover institutional charges, will first be applied to obligations to return “unearned aid.” Thus, portions of institutional refunds may be applied on your behalf to your outstanding Stafford or Perkins loan or to the federal portions of your grant or scholarship and not actually refunded to you.

(This policy is based on 34 CFR, Section 668.22 of Title IV of the Higher Education Act of 1965, as amended.)

Distribution Order of Refunds

Refunds from withdrawals will be credited back to student aid program accounts in the following order:

Title IV programs

1. Unsubsidized Federal Stafford Loans
2. Subsidized Federal Stafford Loans
3. Federal Perkins Loans
4. Federal PLUS Loans
5. Federal Pell Grants
6. Federal SEOG program

Other refunds will be credited to

1. State, private, or institutional aid
2. The student

Refund Appeals Procedures

Students contesting the refund policy may file a refund appeals which may be obtained in the Office of Financial Services, 202 Dossett Hall. It is the student’s responsibility to provide written documentation substantiating reasons for the appeal. Withdrawals or reductions in course load due to personal illness/injury require a statement from a licensed medical physician stating withdrawal was necessary due to the health of the student; a death in the immediate family can be verified with a copy of the obituary. Immediate family includes spouse, child, stepchild, parent, stepparent, foster parent, parent-in-law, sibling, grandparents, and grandchildren. Other reasons must be supported by written documentation. Students should file a refund appeal request within one academic year from the last day of the

term with *verifiable documentation of extenuating circumstances*. Student concerns regarding fees will only be addressed within 18 months from the date when grades were assigned for the term in question.

Deferred Payment Plan

Although all charges are due and payable at the beginning of each term, students in good financial standing at ETSU may request the deferment of up to 50 percent of their tuition, fees and housing for fall and spring semesters. The deferment of fees is not available for summer terms.

To be eligible for the Deferred Payment Plan, each participant must be prepared to make a minimum down payment of 50 percent of the tuition, fees, and dorm rent. A student who has failed to make timely payments in a previous term is denied the right to participate in the Deferred Payment Plan in additional enrollment periods.

The amount deferred will be payable in two monthly installments. For the fall term, installment payments are due by October 1 and November 1. For the spring term, installment payments are due by March 1 and April 1. Participants in this plan must apply all financial aid received, including students loans, toward payment of tuition and room before a deferment will be considered.

Each participant will be charged a \$50 service fee each term to defray administrative costs. This fee is payable along with the 50 percent down payment on or before the registration payment deadline listed in the Schedule of Classes. An additional late payment charge of \$25 will be assessed for each installment not paid on or before the 10th day of the month that a payment is due.

Dropping a course or withdrawing from the university will not remove charges. Students who drop or withdraw are required to complete the deferred payment plan. Any refund due under the regular refund policy will be credited to the unpaid balance.

Refund of Residence Hall Rent

Refunds of residence hall rent after registration will be prorated on a weekly calendar basis when the student is forced to withdraw from the residence hall:

- (1) because of personal medical reasons confirmed in writing by a licensed physician; or
- (2) at the request of the institution for other than disciplinary reasons.

Full refund will be made in the case of death. Withdrawals for other reasons, except disciplinary reasons, will be subject to the same 75/25 percent amounts and time periods as maintenance fees. Student(s) who are suspended or expelled from the university or residence facilities are not eligible for a refund of housing rent/deposit or university tuition fees. No refund will be made under any other than the above conditions.

Refund of Residence Hall Reservations and Breakage Deposits

Full deposit will be refunded if the institution is notified a minimum of 14 calendar days prior to the first official day of registration, the student is prevented from entering the university because of personal medical reasons confirmed in writing by a licensed physician, or residence hall space is not available. Full refund will be made in the case of death.

UNDERGRADUATE STUDENT ADVISEMENT

Definition: Advisement at ETSU is a continuous interactive process between an advisor and student which facilitates the development and achievement of the student's overall goals. Advisement is a distinct part of a student's educational experience, provided by ETSU as a service.

Responsibility: A successful relationship between an advisor and student depends upon shared responsibility. Advisors and others at ETSU provide mentoring, advice, referrals, and information to help students make wise, informed decisions. The relationship students develop with their advisor is important to their success at ETSU. Students should consult with their advisor each semester and especially before making decisions that may affect their academic progress and success. Discussions with the advisor may include: understanding degree requirements, dropping a class, withdrawing from ETSU, selecting courses, and exploring career options. Students are ultimately responsible for their academic decisions, including course selection, meeting prerequisites, and adhering to policies, procedures, and deadlines at ETSU.

Advisement required: Advisors are a personal link between the student and the university. All students have an advisor and should confer with their advisor each semester. In fact, ETSU **requires most students** consult with an advisor before registering each semester. The following students **must be advised before they are able to register each semester:**

- All students who have less than 60 earned credits are required.
- First-term-at-ETSU transfer students are required to meet with an advisor prior to registration for their first and second terms of enrollment.
- Students who have been readmitted are required to meet with an advisor prior to registration their first term back at ETSU.

- Students who have not declared a major or who are required to complete Developmental Studies courses are required to see an advisor in the University Advisement Center located in the Advisement Resources Career Center (ARC) on the 2nd level of the D.P. Culp Center (423-439-5244).

Note: Students who are only required to take Developmental Studies Math courses will be advised by their major advisor.

These guidelines are the minimum advisement requirements. Some colleges and departments may have additional advisement requirements. Students should consult with the academic department or advisor to determine their advisement requirements.

Locating advisor: Students who have declared a major should see an advisor in that major. Students should contact the department of their major for information or contact the Advisement Resource Career Center (ARC) located on the 2nd level of D.P. Culp Center, 423-439-8650 for additional information.

Additional advisement opportunities: Some students may have multiple advisors (major, minor, program, licensure) who will provide advisement in these areas. Students taking classes in Kingsport may contact the Kingsport Center for advisement information (423-392-8000). Other advisement or support areas such as Athletics, Adult, Commuter, and Transfer Services (ATS), Student Support Services, or Medical Professions Advisement may contact students to discuss additional advisement opportunities or requirements. Students who are pursuing secondary education licensure need to contact the Clemmer College of Education during their first semester at ETSU (423-439-7626). All students will benefit from conferring with their assigned advisors on a regular basis.

ACADEMIC ADVISING RESPONSIBILITIES

A guide for students and advisors relating to the advisor/advisee relationship and advising process.

Student Responsibilities

The student has the RESPONSIBILITY to:

- Learn the name and office location of his/her advisor early in his/her first semester at ETSU.
- Consult with his/her advisor on a regular basis each semester, especially prior to registration, when in academic difficulty, prior to changing minors or concentrations, prior to making changes in an approved schedule, or withdrawing from ETSU.
- Schedule and keep appointments with his/her advisor, at appropriate times each semester and notify advisor prior to scheduled appointment if student must reschedule.
- Seek assistance with the decisions to be made rather than expect the advisor to make the decisions.
- Be familiar with ETSU Policies and Procedures, major department's web site and program sheets, as well as the online Undergraduate Catalog.
- Maintain copies of his/her program of study including general education, proficiency intensive, and graduation requirements.
- Be familiar with and utilize information available on *GoldLink* (registraton status, holds, academic transcript, early semester progress grades, and end of term grades).
- Update his/her contact information (address and phone numbers) in a timely manner using *GoldLink*.
- Activate and regularly check his/her campus email account (GoldMail).
- Know and observe academic deadlines as posted on the ETSU online calendar and in *GoldLink*.
- Follow through with appropriate action after the advising session and to verify all *GoldLink* transactions especially as related to adding or dropping courses.
- Seek reassignment to a new advisor if differences between the advisor and student should develop.

Advisor Responsibilities

The advisor has the RESPONSIBILITY to:

- Maintain adequate posted office hours and appointment times for advisement.
- Keep all scheduled appointments and to notify the student in advance if it is not possible to keep the scheduled appointment.
- Gain the necessary training to effectively advise, guide, and refer students to ETSU resources applicable to the student's program of study.
- Use ETSU resources including online Undergraduate Catalog, departmental web sites, general education, proficiency intensive, graduation, program requirements, and licensure requirements to guide and refer students.
- Maintain a complete and accurate advisement record for each student in order to monitor progress toward goals and graduation requirements.
- Regularly check and respond to student emails in a timely manner.
- Refer students to the academic guidelines as posted on the ETSU online calendar and in *GoldLink*.
- Assist in the advisor reassignment process when applicable.
- Understand and comply with the mandates of the Family Education Rights and Privacy Act of 1974 as Amended (FERPA).

Source: Advising Skills, Techniques, & Resources, David S. Crockett, Editor (NACADA)
Revised 11/4/09

FINANCIAL AID AND SCHOLARSHIPS

Introduction

The Office of Financial Aid at East Tennessee State University provides a broad spectrum of programs to assist students in financing their college education. The university is committed to providing access to students through a variety of resources. Types of financial aid include scholarships, grants, fee waivers, fellowships, assistantships, work-study, and student loans.

Financial Aid is a supplement to an applicant's personal resources. Reasonable family contributions are expected. The majority of financial aid awarded at the university is based on the student's financial need. Scholarship funds are awarded based on academic merit or other criteria specified by the donor or organization managing the program. Need is defined by federal formulas and based on a student's estimated cost of attendance less any expected family contribution.

The Free Application for Federal Student Aid (FAFSA) is the federal government's form for applying for financial aid. Students must complete the FAFSA every year as soon after January 1st as possible using accurate tax information from the prior year. The FAFSA provides a comprehensive review of the family's financial status. The results, including the Expected Family Contribution, are generated on the Student Aid Report (SAR), sent to the student, and sent electronically to colleges and universities listed by the student on the FAFSA. Students will find links to other helpful financial aid information at www.etsu.edu/finaid. A link is also provided to complete the FAFSA electronically.

Financial aid programs, rules, and regulations are subject to change. Federal funds are conditional upon congressional appropriations and receipt of those funds at ETSU. The Financial Aid Policies and Procedures Guide located at www.etsu.edu/finaid gives additional detail on program requirements.

Financial Aid counselors are assigned to students according to the student's last name. Students may contact their counselor with any questions or concerns regarding their eligibility.

In an effort to adhere to federal privacy laws, the ETSU Office of Financial Aid restricts the release of certain private student information. Students must contact the Office of Financial Aid personally to check the status of their financial aid application and awards. Often, we will be unable to release information to third parties (i.e., parents, spouses, etc.) without a signed release form on file from the student. To obtain a Release of Information Form, the student must visit our office in person and present a photo ID. This Release of Information does not authorize third parties to complete documents that, by law, require the student's completion and/or signature. Access to financial aid information is limited and does not include access to information from other university departments. This release will remain in place until the student submits a written cancellation request to the Office of Financial Aid.

Any applicant who has a concern that cannot be resolved between the student and a financial aid counselor may appeal in the following order: to the Client Services Coordinator, the Assistant Director of Financial Aid, then the Director of Financial Aid. The student may appeal to the Vice Provost if none of the previous steps resolved the issue.

"Funding Education Beyond High School," a publication by the United States Department of Education, is a helpful source of information regarding the federal financial aid programs. Copies are available in the Office of Financial Aid or directly from the government at http://studentaid.ed.gov/students/publications/student_guide/index.html.

Student Eligibility

To be eligible for federal financial aid programs, students must meet the following criteria:

1. Be accepted for admission;
2. Be enrolled as a regular student, attending classes in a degree or certificate program;
3. Be a U.S. citizen or eligible non-citizen;
4. Meet the financial aid Satisfactory Academic Progress Policy;
5. Males must be registered with the Selective Service;
6. Not be in default on a student loan or owe a repayment of Title IV federal financial aid funds. (A repayment occurs if the student receives funds for living expenses and then withdraws within the first 60% of the term (officially or unofficially) from the university.)

Students not enrolled in a degree or certificate program may be eligible for financial aid if enrolled in pre-requisite classes for admission into a graduate degree program or enrolled in classes to complete teaching certification requirements. Federal Stafford Loans may be awarded to these students for a maximum of 12 consecutive months, one time during the educational career.

Federal Financial Aid Application Procedures

1. Apply for a personal identification number (PIN) for yourself at www.pin.ed.gov if you do not already have one.
2. Every year, complete the Free Application for Federal Student Aid (FAFSA) as soon as possible after January 1st using accurate tax information from the prior year. Students are encouraged to complete the FAFSA electronically at the following web site: www.fafsa.gov. List the ETSU school code, 003487, on the FAFSA for ETSU main campus to receive the data electronically.
3. ETSU will review the student's financial aid record electronically with the National Student Loan Data System (NSLDS.) If the student has attended another institution and discrepancies are found, the student must resolve the discrepancy with that institution.
4. The Federal Processor sends the Student Aid Report (SAR) to the student in response to completing the FAFSA. ETSU will receive the SAR data electronically when the student lists ETSU on the FAFSA. If ETSU was not listed on the FAFSA, the student should go to www.fafsa.gov and add the ETSU school code, 003487. The student is encouraged to review the SAR for accuracy. If corrections are required, ask the Office of Financial Aid and read SAR comments for assistance. If the student is selected for verification, the student should visit our web site <http://www.etsu.edu/finaid/faforms/verification.aspx>. Check *GoldLink* frequently for Unsatisfied Requirements, respond promptly, and contact the ETSU Office of Financial Aid for further instruction or assistance. The Office of Financial Aid may require other information.
5. The Office of Financial Aid begins sending award offers to new and transfer students beginning mid-April each year. Continuing students begin receiving award offers by the end of May each year. Awards can be viewed, accepted, and/or declined through *GoldLink* by clicking on the Financial Aid tab. Check your Financial Aid Status frequently for any Unsatisfied Requirements because new requirements can be added each time changes are made to your financial aid. Allow 2-3 days for Student Requirements to be satisfied; they are not satisfied immediately. All students must complete the "Financial Aid and Prior Balances Form" electronically. No financial aid can be applied to a student account until this form has been completed and submitted through *GoldLink*.
6. ETSU Stafford and PLUS (Parent and Grad) Loans are through the Federal Direct Loan Program. If you accepted the Federal Direct Stafford Loan through your *GoldLink* account, you will need to proceed to the Direct Loan Program web site at <http://www.direct.ed.gov> to complete your electronic Master Promissory Note (eMPN). Stafford Loan borrowers will also need to complete the Direct Loan Entrance Counseling at <http://www.direct.ed.gov>. After you complete the entrance loan counseling, you will be given confirmation. Please print this out and keep for your records. ETSU will be notified that you completed your entrance counseling. If you have accepted a PLUS loan, the promissory note must be signed each year through the Direct Loan web site at <http://www.direct.ed.gov>.

If you accepted the Perkins Loan for the first time, you will receive an email from ESCI instructing you to complete and sign the Perkins Master Promissory Note (MPN) online. You will also need to complete Perkins entrance loan counseling online at <http://www.ecsi.net/>. If you qualified for Federal Work Study (FWS) or Academic Performance Scholarship (APS) and have been awarded FWS or APS, check the job listings at <http://www.etsu.edu/finaid/studentwork/default.aspx>.

Notify the ETSU Office of Financial Aid of residency changes and other scholarships, loans, or assistance that is not listed on your *GoldLink* account under "Awards." Awards are subject to change.

Important Dates

Early application remains the most important action in securing funds to assist with financing the student's education. The university recommends the following dates as a guideline:

- January 1** Complete the FAFSA as soon as possible with income and accurate tax information.
- Feb. 15** Priority date to apply for TSAA using the FAFSA form. Check your Student Aid Report and read the comments. Deadline for new freshmen to apply for ETSU APS scholarship.
- March 1** Follow up with Office of Financial Aid on FAFSA status. Deadline to apply for ETSU scholarships.
- April 15** Priority date to have FAFSA filed, verification complete, all corrections made, and file ready to award for fall term. Go Online to *GoldLink* and check your financial aid status.
- May 15** Deadline for new transfers to apply for the ETSU APS scholarship.
- June 15** All financial aid awards must be accepted or declined and all student requirements met for aid to be ready at start of fall classes.
- Nov. 15** Priority date to have aid file complete to be ready for spring term. Deadline to have FAFSA processed to be considered for the TN Lottery Scholarships:
September 1 - fall
February 1 - spring and summer

Financial Aid Satisfactory Academic Progress Policy

Federal regulations require that all student financial aid recipients make satisfactory academic progress toward achieving a degree. Progress is measured by the student's cumulative grade point average, percentage of credit hours earned in relation to those attempted, and the length of the academic program. In order to assure that students make progress toward the degree both in terms of number of hours completed and cumulative GPA, East Tennessee State University uses the following satisfactory progress policy:

- **PROGRESS STANDARDS:** Students must earn a satisfactory grade in at least 66% of the semester credit hours they attempt each semester.
- **SEMESTER PROGRESS:** Students must, as a minimum, receive a satisfactory grade (*) in the courses they attempt each semester. *For purposes of financial aid, satisfactory grades are A, A-, B+, B, B-, C+, C, C-, D+, D, S, SP or P. Unsatisfactory grades are F, W, WF, U, or I. Audits do not count as attempted hours and are not eligible for financial aid.
- **Note:** *Unsatisfactory grades will not be counted as earned credit hours, but will count as attempted credit hours.*
- **EVALUATION PROCESS**
 - Academic progress is reviewed at the end of each Spring term, and students who do not make satisfactory academic progress are notified in writing.
 - Students who receive all "T", "F", "W", "WF", or "U" grades in courses attempted in ANY term (fall, spring, summer) will become ineligible for financial aid (see below in reference to Regaining Eligibility).
 - Repeat courses will be counted in earned credit hours. (Note: ALL courses attempted, except audited courses, count in total credit hours attempted.)
 - Transfer courses recognized by ETSU will be counted in attempted and earned credit hours.
 - All distance education, telecommunications, television, and web-based courses are considered in total attempted hours.
 - Academic Fresh Start (See [Admissions](#)) students will have their satisfactory academic progress evaluated on work attempted after returning to the university under the Academic Fresh Start Policy. However, the appeal limits and maximum eligibility requirement (150%) still apply (see below in reference to Maximum Eligibility).
 - Second-degree students will have their satisfactory academic progress calculated from the credit hours attempted beyond the

first degree. (Note: Additional credit hours for the second-degree coursework will be limited to the credit hours required to complete the second degree.) A second-degree student is defined as a student with a previous degree at the same classification, either undergraduate or graduate. For example, a student pursues a bachelor's degree in a new field after earning a previous bachelor's degree.

- Students classified as "**Undergraduate Special**" (SPU) may not be eligible for federal financial aid because they are a visiting student or not seeking a degree; check with a Financial Aid Counselor.
- Students classified as "**Graduate Non-Degree**" (SPG) are eligible for federal financial aid for a maximum of one year if they are enrolled in classes that are:
 - Required for a teacher certification program (the loan limit is that of a fifth-year undergraduate); OR
 - Necessary as pre-requisite courses for enrollment into a graduate program (the loan limit is that of a fifth-year undergraduate).
 - Students may receive aid for no more than 30 attempted hours of remedial coursework. English as a Second Language (ESL) classes are included in the 30 credit hours.
- **CUMULATIVE PROGRESS:** Students must, in addition to the above, meet the retention standards of **ETSU** as outlined in the current ETSU Undergraduate and Graduate catalogs.
- **MAXIMUM ELIGIBILITY:** Students who have attempted 150% of the required credit hours for their degree will become ineligible for financial aid. Maximum eligibility is checked each semester.
- **REGAINING FINANCIAL AID ELIGIBILITY**
 - **SATISFACTORY PROGRESS APPEAL:** Students who fail to meet these standards and lose eligibility for financial aid can appeal that decision to the Office of Financial Aid. The appeal must be prepared in writing on the Satisfactory Academic Progress Appeal Form, and must be accompanied by appropriate supporting documents. The appeal form can be found below. Reasons that may be acceptable for the appeal are:
 - Serious illness or accident on the part of the student;
 - Death, accident, or serious illness in the immediate family;
 - Class cancelled by **ETSU**; and
 - Other acceptable extenuating circumstances considered
 - **MAKING UP DEFICIENT CREDIT HOURS WITHOUT AID:** In the event that the student does not qualify for an appeal, he or she may be eligible to have financial aid reinstated by taking the following actions:
 - Earn at **ETSU** the number of deficient credit hours in which aid was received;
 - Pay for these hours without federal financial aid;
 - Maintain a minimum 2.0 GPA for the term average for those credit hours; and
 - Notify the Office of Financial Aid when the deficient hours have been earned.
- **APPEAL LIMITS** The maximum number of appeals any student may normally have granted during an academic career is two (2). Under extreme circumstances, a third appeal may be granted during an academic career, provided that the student has documented proof of the circumstances. In the case of a student who files a third appeal, the reasons for the student's two previous appeals will be reviewed and considered when making a decision. Additionally, the student's progress within the academic program will be a determining factor in third appeals.

Satisfactory Academic Progress Appeal Form

<http://www.etsu.edu/finaid/faforms/appeal.aspx>

Bursar's Office Fee Adjustment Policy

<http://www.etsu.edu/fa/fs/bursar/loaninfo/appealsforms.aspx>

Graduate Assistantships and Tuition Scholarships

Application Process—Students who wish to be considered for a graduate assistantship or tuition scholarship should so indicate in the appropriate place on the degree application for admission to Graduate School. When the degree application is forwarded to the department or program, the student's qualifications for an assistantship or tuition scholarship are reviewed as part of the admission process.

Students who wish to be considered for assistantships or scholarships in programs or offices outside his/her major discipline should submit a letter of interest and a current resume directly to the office or department posting the vacancy.

The Graduate Office posts graduate assistantship and tuition vacancies at <http://www.etsu.edu/gradstud/positions.asp>.

Applicants will not be approved for assistantships or tuition scholarships until they have been admitted to a graduate degree program and have registered for at least nine hours. International students must sit for the Oral Proficiency Interview before the contract can be approved.

Graduate Assistantships—Students receiving graduate assistantships must register for at least nine graduate hours per semester within his/her approved graduate program unless a waiver is obtained from the Dean of the School of Graduate Studies. During the summer terms, graduate students on assistantships must register for a total of six hours. Out-of-state tuition is waived for graduate students who hold assistantships. All or part of the in-state tuition may be waived, depending on the level of the award. Graduate assistants may not take more than 15 hours of graduate credit per semester without prior permission from the Dean of the School of Graduate Studies. Students normally do not hold a graduate assistantship for more than two years.

Tuition Scholarships—A limited number of tuition scholarships are available to qualified first-time graduate students. A tuition scholarship award waives the tuition and maintenance fees for in- and out-of-state recipients. Tuition Scholarship recipients must register for at least nine graduate hours each term and perform eight hours of service per week at his/her assigned location.

Resignations—Graduate assistants and tuition scholars who resign his/her positions during a term must notify the Graduate School immediately upon resignation and are responsible for a prorata portion of tuition and fees accrued during that term.

Handbook for Graduate Assistants and Tuition Scholars—Additional guidelines and policies pertaining to graduate assistantships and tuition scholarships are available in the Graduate Assistant Handbook, which is available at: <http://www.etsu.edu/gradstud/pdf/gatshandbook.pdf>.

Residence Hall Assistantships—Residence hall assistantships are available to students pursuing an advanced degree. Graduate students may serve as a Resident Director where they will supervise and be assisted by an undergraduate staff. Resident Directors are responsible for the overall management of a residence hall such as staffing, counseling, group advising, program development, and housing administration.

Preference is given to those majoring in psychology, guidance and counseling, education, educational administration, and with residence life experience and/or group work of a related nature. Students must maintain nine credit hours of enrollment. Selection will be based on the above listed criteria, acceptance into the School of Graduate Studies, letters of recommendation, a personal interview, and a background check.

Appointment is for a nine-month period with the possibility of summer work when available. Remuneration includes a furnished apartment with utilities, in-state and out-of-state fee waiver and a monthly stipend. Further information and applications are available from the Department of Housing and Residence Life, ETSU Box 70723, Johnson City, TN 37614-1710 or email housing@etsu.edu.

Graduate Assistantships in the Division of Student Affairs—In addition to the Residence Hall Assistantships, approximately 20 other graduate assistantships are available through the Division of Student Affairs. These positions offer a wide range of experience and opportunities, such as the Counseling Center and Campus Recreation. Students from all majors are eligible to apply, although efforts are made to match the students' abilities, interests and particular degree program with an assistantship. Most Student Affairs Graduate Assistants work 20 hours/week on a nine-month contract, although exceptions do exist. For more information concerning these assistantships you may contact the Office of the Vice President for Student Affairs by phone, 439-4210, or by e-mail, lees@etsu.edu.

Work

The Federal Work-Study (FWS) Program offers employment opportunities to students with financial need. Students are paid minimum wage bi-monthly.

The Regular Student Work Program (RSWP) offers employment to students not eligible for need-based, Federal Work-Study. Students may work up to 8 hours per week and are paid minimum wage.

Available positions for FWS and RSWP are listed at www.etsu.edu/finaid under Student Work Positions.

The ETSU Office of Career Development has information about off-campus jobs and the Cooperative Education (CO-OP) Program. The CO-OP Program gives students the opportunity to gain work experience related to his/her academic major and career objective.

University Loans

Loans from private donors and ETSU are available for students to borrow with reasonable repayment terms. Funds are limited and students are encouraged to apply early.

The Alumni Loan Fund - Made available by donations from alumni. Loans of up to \$250 are made to students who demonstrate financial need having a satisfactory academic record (2.0 or better). Two co-signers are required. Interest at the rate of 6 percent per annum will begin on the date the maker ceases to be enrolled full time at ETSU. Apply to the Office of Financial Aid.

The George Washington Bradley Memorial Loan Fund - Established to honor the memory of Dr. Bradley, former Assistant Professor of Education and Psychology, ETSU. Available funds may be loaned to worthy graduate students majoring in education counseling or guidance who demonstrate financial need and are making satisfactory progress in school. The repayment may be deferred until after graduation, with interest at the rate of 6 percent per annum beginning at that time. Apply to the Office of Financial Aid.

The East Tennessee State University Loan Fund - A short-term loan fund administered by ETSU for those students having temporary needs to meet their educational expenses for tuition/fees. There is a processing charge, and repayment is due at least two weeks prior to the end of the semester in which the loan is made. A short-term loan application is required. An original gift of \$1,000 from business and professional men of Johnson City established the loan fund. It has been augmented with gifts from other sources which include: gift from Mrs. Elizabeth Allison in memory of her husband, Mr. M.H. Allison; the American Legion Auxiliary, Kings Mountain Unit No. 24, in memory of Mrs. Ferne Fisher Miller; the Business and Professional Women's District Loan Fund; the Lt. (j.g.) William C. Dunn Memorial Loan Scholarship Fund; the Ada Hornsby Earnest Loan Scholarship; the Eastern Star Loan Fund, Nolichucky Chapter 194; the Faculty Women's Club Loan Fund; the Frieberg Memorial Loan Scholarship, established by the Col. D. Henley Chapter of the U.S. Daughters of 1812; the Sidney Gordon Gilbreath Loan Fund established in memory of the first president of the university; the Sarah Hawkins Chapter, DAR Loan Fund; an annual contribution from Home Federal Savings and Loan Association, the Johnson County Loan Fund, established by the Weitzel-McBride Chapter of the U.S. Daughters of 1812; the Jesse M. Jones Memorial by Mr. and Mrs. Doyle Jones; the Ona Main Memorial established by the East Side PTA, Elizabethton; the Ferne Fisher Miller Memorial Loan Scholarship, established by the Daughters of 1812; the Mae Nave Memorial Loan Fund; the William R. Rigell Memorial Loan Fund; the C.C. Sherrod Memorial Loan Fund, established in memory of the second president of the university; the P.W. Alexander Alumni Memorial Fund; the John Sevier Chapter, DAR Loan Fund, the Tennessee Student's Loan Fund, a memorial to Hortense Cocke Hayes and J. Normen Powell; the U.S. Daughters of 1812 Loan Scholarship, established by the Weitzel-McBride Chapter, the Gen. Nathaniel Taylor Chapter, and the Watauga Chapter; and the YMCA Student Loan Fund. Apply to the Office of Financial Aid.

The Patience Myers McLain Fund - Established by the late Roy B. McLain in memory of his mother. This is a loan fund whereby needy students preparing for ministerial or social welfare work may borrow up to \$300 per semester. Repayment begins six months after the maker ceases to be enrolled full time, with interest at the rate of 3 percent per annum. Apply to the Office of Financial Aid.

Veterans Benefits

Veterans should contact the Office of Veteran’s Affairs at East Tennessee State University for information and application procedures.

Vocational Rehabilitation

Funds may be available for education and retraining for disabled students. Students should contact the State of Tennessee, Division of Vocational Rehabilitation in their county of residence and register with the Office of Disability Services at ETSU.

Tennessee Education Lottery Scholarships

Tennessee Education Lottery Scholarships (TELS) are available to qualified Tennessee residents. Initial eligibility for the award is based on high school GPA and ACT/SAT scores. Students must submit the Free Application for Federal Student Aid (FAFSA) by **September 1** for fall term and February 1 for spring and summer terms. For more information on the TELS program visit the Tennessee Student Assistance Corporation web site: www.CollegePaysTN.com. Information on renewal criteria is also located on the Scholarship Office web site: www.etsu.edu/scholarships.

All students who have completed classes at another college/university are required to submit an official transcript(s) to the Admissions Office within two weeks of completing the classes. Eligibility for the Tennessee Education Lottery Scholarship program (TELS) is based on all college-level classes completed after high school graduation. Students who receive a TELS award in error based on failing to report transfer credit will be required to repay the award.

Scholarships

Many scholarship programs are available to assist students in various fields of study. Scholarships are intended to assist students in funding the direct costs of their higher education. Full scholarship support at East Tennessee State University is defined as those scholarships, or combinations of scholarships, that provide current costs including tuition, fees, standard dormitory housing and meal plans, and in some instances, an additional stipend toward books and other fees. In keeping with the intent of scholarship support, East Tennessee State University reserves the right to limit internally funded scholarships to an amount that does not exceed these direct costs. Scholarships or loan amounts received from sources other than East Tennessee State University shall not be limited nor included in assessment of the funds granted for full scholarship support.

Unless otherwise stated, scholarships are not renewed automatically. Recipients are encouraged to read the information sent with the scholarship announcement or ask the program coordinator for renewal information.

A complete list of ETSU scholarships, including descriptions and applications, is available on the Scholarship Office web site: www.etsu.edu/scholarships. Or you can request a Scholarship brochure and application by contacting the Scholarship Office at (423) 439-7094.

Scholarship Deadlines:

- Academic Performance Scholarships for New Freshmen February 15
- Academic Performance Scholarships for New Transfers May 15
- General University Scholarships March 1

Applications must be received in the Scholarship Office by the deadline date. Late applications will not be considered. Other ETSU scholarships (e.g., University Honors, College and Departmental Scholarships) may have different deadlines and may require a special application. Please read the scholarship descriptions carefully or contact the appropriate office.

Organizations and Activities

If you are looking for ways to get involved on campus - you have come to the right spot. There are approximately 150 registered student organizations on the campus of ETSU, representing the diverse interests of our student population. Students are encouraged to be involved in campus life and our office can help you make the connection.

Approximately 150 student organizations provide involvement opportunities for everyone. Student organizations at ETSU are categorized into one of the following areas which best describes their general purpose: Academic, Community Service, Governance, Greek, Honors, Religious, Residence Life, University Programs, and Special Interest. Contact Community Engagement, Learning, and Leadership, phone (423) 439-5675 for more information.

Academic Clubs

Advertising Club
 American Association of Family and Consumer Sciences
 American Congress on Surveying & Mapping
 American Marketing Association
 American Medical Association
 American Medical Student Association
 American Pharmacists Association
 American Society of Interior Design
 American Society for Microbiology
 Anthropos
 Art History Society
 Association for Computing Machinery
 Chi Sigma Tau (Eta Tau Sigma Chapter)
 Chinese Club
 Club Cervantes (Spanish Club)
 Construction Management Association
 Criminal Justice Society
 Der Deutsche Klub (German Club)
 Doctoral Nursing Students
 Economics Club
 Educational Leadership Association
 Entrepreneurs' Club
 Exercise and Sports Sciences Club
 Fiber Club
 Future Doctors of Audiology
 Geology Club
 Graduate Student Association of Psychology
 Human Services Student Organization
 Japanese Cultural Society
 Kappa Epsilon
 Kappa Psi
 La Societe Francaise (French Club)
 Masters of Social Work Student Association
 National Community Pharmacists Association
 National Student Speech Language Hearing Association
 Organization of Student Representatives (College of Medicine)
 Patchwork Players
 Percussion Society
 Philosophy Club
 Physical Education Club
 Pre-Dental Student Association
 Pre-Pharmacy Club
 Pre-Veterinary Medicine Student Association
 Psychology Club
 Public Health Student Association
 Public Relations Stud. Society of America
 Public/City Management Association of Graduate Students
 Respiratory Therapy Association
 Society for Human Resource Management
 Society of American Archivists
 Society of Professional Journalists
 Student ACM Siggraph at ETSU (EDGE)
 Student Association for Young Children
 Student Ceramic Association
 Student Dietetic Association
 Student Metal Art Conniseurs
 Student National Medical Association
 Student Nurses Association
 Student Painting, Drawing Association
 Student Photography Association
 Student Social Workers Association SSWA
 Student Society of Health System Pharmacy
 Student Speech Communication Association

Student Tennessee Education Association
 Student Women in Medicine (SWIM)
 Students of Finance Association
 Taletellers
 U.S. Institute of Theater Technology
 Written Off Literary Society

Honor Societies

Alpha Epsilon Delta - Pre-Health Honor Society
 Alpha Lambda Delta
 Alpha Phi Sigma
 Alpha Sigma Iota
 Alpha Sigma Lambda
 Beta Alpha Psi
 Beta Beta Beta
 Delta Phi Alpha (German Honor Soc.)
 Gold Humanism Honor Society
 Golden Key
 Iota, Iota, Iota
 Kappa Delta Pi
 Kappa Kappa Psi
 Kappa Omicron Nu
 Lambda Nu
 Lambda Pi Eta
 National Residence Hall Honorary Society
 Phi Alpha Honor Society
 Phi Kappa Phi
 Phi Sigma Phi
 Pi Delta Phi Honor Society
 Psi Chi
 Sigma Alpha Iota (Music)
 Sigma Alpha Lambda
 Sigma Delta Pi
 Sigma Tau Delta
 Tau Sigma

Religious

708 Ministries
 11:58 Ministries
 Adventist Christian Fellowship
 All Saints College Ministries
 Alpha Chi-Rho Omega
 Baptist Collegiate Ministry
 Campus Crusade for Christ
 Catholic Campus Ministries
 Chi Alpha Christian Fellowship
 Christian Pharmacists Fellowship International
 Christian Student Fellowship
 Episcopal University Ministry
 Heritage
 Hillel Student Organization
 Latter Day Saint Student Association
 Muslim Student Organization
 Presbyterian Student Fellowship
 Reformed University Fellowship (RUF)
 The Way
 The Well
 Wesley Foundation at ETSU

Greek

Alpha Delta Pi Sorority
 Alpha Phi Alpha Fraternity
 Alpha Xi Delta Sorority
 Delta Sigma Theta Sorority
 Kappa Delta Sorority
 Kappa Sigma
 Lambda Chi Alpha Fraternity
 Phi Beta Sigma Fraternity
 Phi Sigma Phi
 Pi Kappa Alpha Fraternity
 Sigma Alpha Epsilon Fraternity
 Sigma Beta Rho
 Sigma Chi Fraternity
 Sigma Kappa Sorority
 Sigma Nu Fraternity
 Sigma Phi Epsilon Fraternity
 Zeta Phi Beta

Community Service

Alpha Phi Omega
 Alternative Spring Break

First Book
Habitat For Humanity
Relay for Life
Up Til Dawn
Volunteer ETSU

Governance

Graduate & Professional Student Association
Honors College Student Council
Interfraternity Council
Multicultural Greek Council
National Pan-Hellenic Council
Panhellenic Council
Residence Hall Association
Student Government Association

Special Interest Groups

African Diaspora Society
Amnesty International of ETSU
Army Combatives Club
Atheist and Free Thought Club
Buc Paintball Club
Buc Wild
Bucs Against Drunk Driving
Chinese Student & Scholars Association
Climbing Club
College Democrats
College Republicans
Collegiate Merchandising Association
Cycling Club
Dance H.I.T.S.
Duck Squad
Eddie Reed Ranger Challenge Team
Feminist Majority Leadership Alliance
Fencing Club
Foundation for the International Medical Relief of Children
Gaming Society at ETSU
Greenpeace
Gospel Choir
Huck n' nears
Initiative for Clean Energy
Leadership House
LGBSTieS
Llamas
Marksmanship Club
Martial Arts Club
Men's Soccer Club
Minority Association of Pre-Health Students (MAPS)
NAACP
NAMI-Bucs
Pershing Rifles Drill Team
Racquetball Club
Scabbard and Blade
Shootin' Bucs
Silent Bucs
Society for Intellectual Diversity
Student Council for Exceptional Children
SPIRIT (Student Paranormal Investigative Researchers in TN)
Students Against Violence
Students for a Democratic Society
Students for Life
Students of American Liberty
Students United for Peace and Justice
Tennis Club
Thunder Down Under
U.S. Army ROTC Running Team
White Water Adventures

Residence Life

Carter-Stone Residence Hall Association
Davis Hall Council
Dosssett-West Hall Council
Governors Hall Council
Lucille Clement Hall Council
Luntsford Hall Council
Powell-Panhellenic Hall Council

University Programs

Admissions Ambassadors
Black Affairs Association
Buctainment
East Tennessean
International Student Organization

Student Service Board-Kingsport
The NET
Preview and Orientation Leaders Organization (POLO)
President's Pride

Student Services and Resources

Regard for the student as a person, and provision of opportunities for participation in the co-curricular life of the university are basic commitments of East Tennessee State University. Dedicated, caring individuals strive to give the student a sense of belonging to ETSU.

Student services include an orientation program, financial aid, housing, personal counseling, and advising to help plan a program of study or choose a vocation. Student services are available to meet the special needs of minority groups, students with disabilities, and those with specific health or academic problems.

- **Adult, Commuter, and Transfer Services**—Because we know that making a successful transition means more than getting a schedule of classes, A.C.T.S. serves as a central source of student information, referral and advocacy for ETSU's adult, commuter, and transfer population. **Adult** students benefit from personalized referrals while gaining a greater awareness of university services and events. **Commuting** student services include easy access to campus maps, a battery pack, air compressor, shuttle/transit schedules, off-campus housing listings, and the Carpool and RideShare programs. **Transfer** students receive guidance and support in making the transition from other colleges and universities to ETSU – no matter how long it's been since they were last in school. In partnership with other university offices and academic departments, A.C.T.S. will help facilitate the smooth entry of adult, commuter, and transfer students into the ETSU graduate or undergraduate community and support their continuation toward completion of their degree. A.C.T.S. advises the Zeta Tau Chapter of the adult student honorary, Alpha Sigma Lambda, as well as a chapter of Tau Sigma – the national honorary for transfer students. A.C.T.S. invites both undergraduate and graduate students to join THE NET, a web-based student organization for adult students on the ETSU campus. A.C.T.S. is located on the second level of the D.P. Culp University Center in the Advisement, Resources, and Career Center. Contact A.C.T.S. at (423) 439 5641 or visit our web site at <http://www.etsu.edu/students/acts/>.
- **Advisement, Resources, and Career Center**—The Advisement, Resources, and Career Center (ARC) is located on the second level of the D.P. Culp University Center next to the Bookstore, phone (423) 439-8650. The ARC is open Monday-Friday 8:00 a.m. - 4:30 p.m.-www.etsu.edu/arc
The ARC is staffed by professionals who evaluate students' academic progress as it relates to their personal aspirations and career goals. In addition to advising students, referrals for additional academic assistance are made when necessary. The ARC is user-friendly so that students can access advisement, career and support services without ever leaving the facility. The ARC serves as a primary resource for students who have a variety of needs including those who are entering the university for the first time, those that are unsure about an academic major or career option, and those who wish to take advantage of various academic support services to enhance their classroom learning. The ARC incorporates several academic and student support services listed below.
- **Medical Professions Advisement, Office of** (423) 439-5602—The Office of Medical Professions Advisement provides information, academic advisement, and other support functions to students who wish to be admitted to professional schools in medically related disciplines. Among those disciplines are medicine, pharmacy, dentistry, osteopathic medicine, physician assistant, podiatry, optometry, veterinary medicine, and chiropractic medicine. Premedical professions are programs, not majors. Students are encouraged to select an academic major in addition to meeting admissions requirements for the professional school of their choice. Professional schools do not usually require or even suggest a specific major and/or minor, but most schools do recommend that students seek a solid, broad-based,

general undergraduate education with substantial exposure to the humanities and social sciences while excelling in science and math. In addition, students are expected to participate in practical experience/shadowing and volunteerism throughout their college experience. For more information please see our web site: <http://www.etsu.edu/cas/mpa> or contact our office at 423-439-5602.

- **University Advisement Center—Undeclared** (423) 439-5244—The UAC provides academic, career, and personalized counseling to those students who have not declared a specific major and/or who are taking developmental studies courses. By focusing on all aspects of student life, the UAC is able to assist each student in the accomplishment of academic success and attaining personal goals. In academics and career planning, counselors help students understand academic requirements and identify career options that affirm their academic strengths and interests. As a campus resource, counselors assist students with accessing the wide variety of campus services to meet their needs. Visit our web site at www.etsu.edu/uac/ or call 423-439-5244.
- **Arts and Sciences in the ARC** (423) 439-5671—Associate Dean and executive aide for the College of Arts and Sciences available in ARC for administrative forms needing College of Arts and Sciences dean signature. See web site for more details: www.etsu.edu/cas.
- **Cooperative Education and Internship Services** (423) 439-5388—This office provides students the opportunity to gain valuable “work world” experience while earning academic credit. Students may co-op/intern in their chosen major or minor. Additionally, this office assists with resume development and Internet job access information. Visit our web site at www.etsu.edu/careers.
- **University Tutoring Services** (423) 439-4758—An academic support program that offers a variety of tutoring approaches. UTS offers group and online tutoring for selected high-risk core courses. These services are free and available to all ETSU students. Visit our web site at www.etsu.edu/scs/uts.
- **Peer Career Center** (423) 439-8651— Located in the ARC, the Peer Career Center is a starting place for students who are uncertain about their choice of academic major or career. With the assistance of our professional staff, career interest inventories, personality inventories, and an extensive career library, we can help students identify career options that suit their personal needs. These services are free to current ETSU students. Limited services are available to potential students and ETSU alumni. Visit our web site at www.etsu.edu/students/counsel/peercareer.htm.
- **Alumni Association**—The ETSU Office of University Alumni is the campus contact for nearly 70,000 university graduates and former students. All of these individuals are members of the ETSU Alumni Association.

Alumni may participate in a variety of activities, such as regional chapter activities, constituent societies, special alumni programs, alumni student recruitment, reunions, Homecoming and various events that support ETSU.

Many alumni are chosen to participate in the popular “Alumni Return to the Classroom” program, which features alumni as “Professors for a Day” sharing their professional experiences with students during Homecoming week. Alumni also participate in the “Buc Connection” career development network or support student recruitment through the Alumni Admissions Council.

ETSU’s Alumni Association, in cooperation with the ETSU Foundation, also supports scholarships for academically outstanding students. The Office of University Alumni is located on campus in room 303 of Burgin E. Dossett Hall, phone (423) 439-4218 - www.etsu.edu/alumni/index.asp.

- **America Reads Challenge** —The America Reads Program hires, trains, and places federal work-study students at schools and community centers in Johnson City and its surrounding counties to provide one-on-one and small group instruction to children who read below the third-grade level. Through this outreach to the community,

local children and youth receive personalized tutoring needed in order to excel in reading thus boosting their confidence, motivation and overall academic achievement. Tutors become actively engaged in the child’s learning experience, gaining valuable skills and abilities that will positively affect their own future endeavors. For more information contact 439-8587 or email amreads@etsu.edu. Students who do not receive federal work-study funds may serve as volunteers.

- **Appalachian Studies and Services**—The Center for Appalachian Studies and Services, a Tennessee Center of Excellence, coordinates instruction, research, and public service programs that address quality of life issues in the Appalachian region. The center encompasses the Archives of Appalachia, the B. Carroll Reece Museum, the Regional Resources Institute, and supports the minor in Appalachian Studies; the Bluegrass, Old-Time, and Country Music Program; Appalachian, Scottish, and Irish Studies Program; the *Encyclopedia of Appalachia*; the Governor’s School for Tennessee Heritage; and a host of other activities. The center offers internships for qualified students. The center’s administrative offices are located at 217 Roy Nicks Hall, phone (423) 439-7865, e-mail cass@etsu.edu, <http://www.etsu.edu/cass/>.
- **ARAMARK Dining Services**—ETSU Dining Services provides an inviting, socially interactive community where students can take time out of their daily schedules to dine and spend quality time with friends. With a primary location in the D.P. Culp Center and various grab-and-go stops throughout campus, Dining Services meets the needs of both residential students and commuters alike. Many students take their study breaks in the Cave where they can stop by Java City and Asian Express, or they venture up to the second floor Atrium for fresh items made daily, fast food selections such as Chick-Fil-A, Quizno’s, Zoca Mexican, Grill Works, and the Buc Mart for convenience items. Those who choose to get the most from their dining experience, however, venture up to the third floor to dine in The Market Place, the main dining facility on campus. The Market Place offers an all-you-care-to-eat buffet that contains a wide variety that caters to multiple students with diverse diets. The Tree House offers multiple grab-and-go selections and features fresh sushi, which can also be purchased in the Buc Mart and C3 Express to offer students a healthier selection. Students have many meal plan options from which to choose and may also add ID BUC\$ at any time throughout the semester. One plan has been designed specifically for commuting students.
- **Banking**—The Tennessee Teachers Credit Union, located in the University Bookstore, provides full-service banking for students. There is also an ATM machine in the Culp University Center.
- **Bookstore** — The University Bookstore is located in the middle of the D.P. Culp Center. It is open fall and spring semester Monday - Thursday 7:45 a.m. to 6 p.m. and Friday 7:45 a.m. to 5 p.m. You may reach the store by phone at (423) 439-4436 - www.etsubookstore.com.
- **Busing System**—The university has contracted with the Johnson City Transit System to offer a free shuttle service for students, faculty, staff, and visitors, linking parking lots on the perimeter of the campus with main academic and administrative buildings. Operation hours are scheduled during class periods as well as in conjunction with selected major campus events. Schedule, route, and other details are available at various locations on campus including the Office of Adult, Commuter and Transfer Services, middle level of the Culp University Center, phone (423) 439-5641 and the Student Affairs Office, phone (423) 439-4210. - www.johnsoncitytransit.org/campus.html.
- **Career and Internship Services**— Since the university realizes that the choice of a career is a complex and yet essential task, a number of services are provided, some for those choosing a career and others to assist in obtaining a job. Consultation with the Office of Career and Internship Services staff can help by providing: (1) job placement opportunities for full-time, part-time, and summer employment; (2) field experience-based cooperative education for academic credit; (3) an occupational and

employment information library for information on career opportunities including data on specific area employers; (4) workshops and seminars on career planning, resume writing, interview techniques, and job-hunting skills; (5) computer-assisted job matching and resume design; (6) national employment trends and salary information.

The Office of Career and Internship Services is located in the ARC Center, 2nd level, D.P. Culp University Center, phone (423) 439-4450 - www.etsu.edu/careers.

- **Commuting Student Services**—The Office of Adult, Commuter and Transfer Services provides specialized student services important to the commuting student. These services include transit information, loan of battery pack, air compressor, and off-campus housing information. In addition, students may access the RideShare and Carpool programs by contacting A.C.T.S. at its location in the Advisement, Resources, and Career Center, 2nd level, D.P. Culp University Center, phone (423) 439-5641 – www.etsu.edu/acts.
- **Computer Labs**—ETSU provides a wide range of computer resources in support of instruction, research, administration, and public service. The administrative systems run under an Alpha cluster. The academic systems are comprised of a number of PC servers that form a Windows NT domain. This domain enables any student and machine that have accounts on the domain to access the same software and e-mail account from multiple locations around campus.

Six labs contain 157 Dell PCs, 60 wireless Dell laptops and 24 Macintosh computers. A growing software library is available in each lab, and all computers are connected to the campus network. Software currently available in the D.P. Culp Lab, Rogers-Stout 320, and Lucille Clement labs are Microsoft Windows XP, Microsoft Office XP, Microsoft Visual Studio, Net 2003, Internet Explorer, Internet-based e-mail, most Adobe and Macromedia products, SAS, SPSS, and Minitab along with McAfee virus protection software. The currently available software in Warf-Pickel 419 is Photoshop, PageMaker, Quark-XPress, and Macromedia Freehand. When not in use as classrooms, computers labs are available for walk-in use by any registered student.

The computer labs are staffed by Lab Monitors (student workers) at all times. They are supervised by a central Lab Manager. Lab Monitors help users with common problems and keep the lab secure and orderly. They are not tutors.

All students are provided with Internet access and an e-mail address that will be active for the duration of their stay at ETSU. Students are able to register for classes and even pay fees online via Goldlink on ETSU's web page.

- **Computer Resources Code of Ethics**—All users of any institutionally maintained electronic data, data files, software, and networks are expected to handle the resource in a responsible and ethical manner. A user's interest ceases when it invades the right of personal and/or institutional privacy; results in the destruction of personal and/or institutional property; demonstrates a potential for loss, embarrassment, litigation to the individual and/or institution; or causes a limited resource to be used in a wasteful or careless manner.

All information processed through Computer Services is considered sensitive and/or confidential. The responsibility for the release or discussion of data is assigned to the official custodian of the data file(s). Access to information is based on a legitimate "need to know" and directly related to assigned duties.

University electronically maintained data, data files, software, and networks will be used for authorized purposes only. Users are responsible for the security of the resources.

Any use of the resource deemed irresponsible or unethical (as defined in the Faculty Handbook section 1.10.1) will result in the immediate denial of use of the resource. The violation will be referred to the proper authorities for disciplinary and/or legal action including, but not limited to, restitution, restriction, reprimand, suspension,

probation, expulsion, termination, and, if necessary, legal action.

Appeals will be handled through due process channels (APA) already established for students and/or staff. Student violations will be referred to the Vice President for Student Affairs and/or Vice President for Health Affairs; faculty violations will be referred to the Vice President for Academic Affairs and/or the Vice President for Health Affairs; and staff violations will be referred to the Vice President for Finance and Administration.

The following examples attempt to convey the intent of irresponsible and/or unethical use: violation of Federal/State copyright laws; violation of the Family Educational Rights and Privacy Act of 1974; use of the resource for obscene material; deliberate wasteful use of the resource, unauthorized altering of hardware, software, or data; piracy of data or software belonging to another person; or careless use of the resource which may result in the release of restricted information.

- **Computer Network and Internet Access: Privileges & Responsibilities**— East Tennessee State University (ETSU) operates a wide-area network that interconnects local area networks in academic and administrative offices, student computer labs, and in the future dormitory rooms. The university maintains connections into the Tennessee Education Cooperative Network (TECnet), the Internet and the World Wide Web. Thus, the university's network is a part of the global network that provides access to information and information processing technologies. By having access to the university's network and its resources, students, faculty, and staff can communicate and collaborate among themselves and their counterparts throughout the world. This privilege carries with it responsibilities with which all users must comply.

Everyone within the ETSU community who uses networked computing and communications facilities has the responsibility to use them in an ethical, professional and legal manner, and to abide by TECnet policies. Users should respect the privacy rights of others. ETSU's facilities and network access capabilities should never be used for purposes intended to incite crime. Communications which violate Tennessee, federal, or international law are not acceptable. For example, the use of ETSU's computer and network resources to threaten or harass others or the misrepresentation of one's identity in electronic communications for the purpose of illegal or unauthorized actions or activities will not be tolerated.

These statements concerning responsibility are not meant to be exhaustive. Any questionable use should be considered "not acceptable." Serious or repeated instances of abuse will be referred to the proper authority for disciplinary or legal action.

****WARNING**** Any person who knowingly brings on campus, has in their possession or distributes any virus without the authorization and written permission of the Division of Information Resources, will be considered to be in violation of the above and will be vigorously prosecuted. ****Campus**** is defined to include any property owned, leased, maintained or controlled by ETSU and includes any site or area where any system owned, leased, operated and/or maintained by ETSU is housed.

NOTICE TO USERS: It is the policy of East Tennessee State University to protect all institutional computing resources including, but not limited to, hardware and software, consisting of the actual equipment being supplied by the university as well as the programs and related materials used in conjunction therewith. In accordance with local, state, and federal law, indiscriminate examination of individual user's files is not permitted, nonetheless as a means of maintaining the integrity and security of those aforementioned resources.

East Tennessee State University retains the right to inspect individual accounts and files stored on any system owned, maintained and/or leased by said university. While no prior authorization by individual users is required to inspect those files and accounts, the user is, by virtue of accepting the account offered by ETSU and "logging" on to its computing equipment, granting to the university prior unrestricted permission, subject to university policy, to review,

examine and/or otherwise view, by any method at the sole discretion of the university and without any additional advance notice to said user, any account and/or file stored on university computer resources.

Should such a review take place, the user will be given notice, as a courtesy only, of the results of said review within a reasonable time after the review is completed. While use of university computing resources for personal use is strictly forbidden, should the user have materials for which he/she has any reasonable expectation of privacy or which the user considers to be confidential for any reason, the user should retain those materials on a disk which can be secured as would any other personal items or materials which one consider private in nature.

For such a policy to work, it is essential that users observe responsible and ethical behavior in the use of the resources. In an effort to assist the user community in effective use of the limited computer resources, it seems reasonable to highlight some specific responsibilities and types of behavior that represent abuse of a user's privilege. The examples do not constitute a complete list but are intended to convey the intent of the code.

Users should not damage or attempt to damage computer equipment or to modify or attempt to modify equipment so that it does not function as originally intended. It is equally wrong to damage or modify or attempt to damage or modify the software components: operating systems, compilers, utility routines, etc.

Users should not use or attempt to use an account without authorization from the owner of that account. Users have the responsibility of protecting their accounts through the proper use of passwords, but the fact that an account is unprotected does not imply permission for an unauthorized person to use it. Further, accounts are to be used only for the purposes for which they have been established. [Only the individual owner of an account is authorized to use that account. Providing passwords or in any way permitting or making it possible for anyone other than the authorized owner of the account to use computer resources is not authorized and may be a violation of Tennessee Law. Under this condition both the owner and the unauthorized user may be subject to legal action if determined to be appropriated by ETSU legal counsel.] Additionally, it is wrong to use a university-sponsored account for funded research, personal business, or consulting activities. There are special accounts for such purposes.

Users should not use private files without authorization. Owners of such files should take precautions and use the security mechanisms available. However, the fact that a file is not protected does not make it right for anyone to access it, unless it is specifically designed as a public access file. It is equally wrong for anyone to change or delete a file that belongs to anyone else without authorization. Violation of property rights and copyrights covering data, computer programs, and documentation is also wrong. In the event of accidental access of private files, confidentiality of those files must be maintained.

Any deliberate wasteful use of resources is irresponsible; it encroaches on others' use of facilities and deprives them of resources. Printing of large unnecessary listings and the playing of games solely for entertainment are examples of such abuse. Users are expected to be aware of the resources they are using and to make reasonable efforts to use these resources efficiently.

All state and federal copyright laws will be abided by at all times. Users must not copy any part of a copyrighted program or its documentation which would be in violation of the law or the licensing agreement without written and specific permissions of the copyright holder.

Serious or repeated instances of abuse of computer facilities and resources will be referred to the proper authorities for disciplinary or legal action including, but not limited to, restitution, restrictions, reprimand, suspension, probation, expulsion, or termination.

- **Computer Services**—ETSU provides a wide range of computer resources in support of instruction, research, administration, and public service. The administrative systems utilize a VAX 6520 under the VMS operating system. The academic mainframe is an IBM ES/9000 model 190 with a VM operating system and utilizing the

Conversational Monitoring System (CMS). A vector processor and a number of compilers and software packages are available, including SPSS, SAS, FORTRAN, and PASCAL. Student access to the academic system in support of classroom assignments is available in the microcomputer labs.

- **Cooperative Education**—Cooperative education provides an opportunity to earn academic credit in most disciplines for carefully planned and supervised work experience in business, industry, health, and governmental agencies. Students may take classes while in a co-op placement, or alternate between semester placements. Information about the cooperative education program can be obtained through the Office of Career Placement and Internship Services located in the ARC Center, 2nd level, D.P. Culp University Center; phone (423) 439-5388.
- **Counseling Center**—(345 D.P. Culp University Center) provides an array of counseling and mental health service to ETSU students, including personal counseling, career counseling and assessment, psycho-educational programming, psychiatric services, and consultative services, and crisis response services. Our staff is comprised of Psychologists, Licensed Professional Counselors, Licensed Marriage and Family Counselors, psychiatric residents, graduate assistants, counseling and social work interns and support staff. The Center also provides specific services through our the Campus Alcohol and Other Drug Program and OASIS (Outreach and Advocacy: Sexuality Information for Students).

We provide career services specifically targeted to undecided students and those exploring career options through the Peer Career Center, located in the Advisement, Resources, and Career (ARC) Center. Counseling services are confidential and free to all ETSU students. For more information about our services, contact our main number (423) 439-4841 or contact the Peer Career Center (423) 439-8651 - www.etsu.edu/students/counsel/counsel.htm.

- **Developmental Studies Program** — (DSP) courses are designed to strengthen academic skills in math, writing, reading, and learning strategies. The Tennessee Board of Regents mandates that all institutions offer developmental studies courses.

Assessment and Placement – Valid ACT or SAT (scores less than three years old) will be used to determine whether students will be placed in DSP courses. If ACT sub scores (comparable SAT is 460) in English, Reading, and Math are less than 19, placement will be made in required DSP courses. For students 21 years of age or older who do not have valid ACT or SAT scores, the COMPASS is required. COMPASS is the computerized instrument used to determine placement into developmental classes when a student is not submitting ACT or SAT scores.

Transfer Students – are required to test the appropriate areas of COMPASS if they are transferring to ETSU without college-level Math or English. The Reading test may also be required. Students with high school unit deficiencies may also be required to take the COMPASS test.

Placement Challenge – Placement results can be challenged once by taking the COMPASS test prior to the start of classes. A \$20 non-refundable fee will be charged for challenge testing. Students who have previously enrolled in a course and failed to complete the course may not challenge Developmental Studies Program placement.

Credit Hour Computation – Credit hours earned in DSP courses are in addition to the minimum number of hours required for graduation in any degree program. Credit hours and grade points earned in these courses are used in the computation of a student's overall grade point average (GPA), but are not computed for honors recognition or for meeting requirements for graduation.

Drop and Completion Policy – DSP courses cannot be dropped without permission from the University Advisement Center. Students must complete each DSP course in which they have been placed with a minimal grade of C.

COMPASS Testing – To schedule to take the COMPASS test, register online at <http://testingcenter.etsu.edu/index.php>. (Click on Register

and then Register NOW.) Students are required to bring a valid photo ID. The COMPASS test is a computerized test and is not timed.

Advisement—Academic counselors in the University Advisement Center (ARC, 2nd level of the D.P. Culp Center) provide academic advisement as well as career and personal counseling for students enrolled in DSP courses. Students who require only DSP math courses are advised in their major department.

For more information about the Developmental Studies Program, contact the University Advisement Center located in the ARC, 2nd level of the D.P. Culp Center, Box 70590, (423) 439-5244.

- **Disability Services**—In compliance with federal regulations outlined in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, East Tennessee State University makes accommodations, course substitutions, and other academic adjustments when necessary to ensure equal access for students with disabilities. While all students with disabilities are protected from discrimination, some students may not be eligible for all of the services coordinated by Disability Services. Classroom and testing accommodations are made on an individual case-by-case basis. Students who wish may request an accommodation or academic adjustment because of a disability by completing the intake process with Disability Services self-identity.

During the intake process, Disability Services informs students of procedures surrounding the accommodation process, student responsibilities, as well as ETSU responsibilities. Eligibility for classroom and testing accommodations and other support services coordinated by Disability Services is based on the review of student's documentation of disability. Intake applications are not complete until Disability Services has received and reviewed current documentation of disability. Individualized education plans (IEP) cannot be used as documentation; however, information included in an IEP may be helpful when identifying the services a student may utilize while at ETSU.

In order to establish eligibility, the documentation provided should follow the established guidelines and include:

- Statement of diagnosis, date of most recent evaluation, and when available, date of original diagnosis by an impartial professional,
- Description of diagnostic criteria and/or diagnostic tests used,
- Description of the current impact of the disability in an academic environment,
- Credentials of the diagnosing professional,
- Documentation of physical disabilities is required but if the disability is obvious; for example, a mobility impairment, visual impairment, or hearing impairment; extensive documentation may not be needed.
- Documentation of mental health-related disabilities should be no more than one year old
- Documentation of attention deficit disorders should be no more than three years old, and
- Documentation of learning disabilities should be no more than five years old with results based on an adult measurement scale.

The diagnosing professional must have specific training and expertise in a field related to the type of disability being diagnosed. For example, a learning disability diagnosis must be made by a psychologist, psychiatrist, or educational examiner. Documentation not including the information outlined above or from a professional whose credentials are not generally indicative of expertise in the specific disability being diagnosed can not be used to establish eligibility for services. ETSU does not provide any type of learning disabilities evaluations; however, Disability Services maintains a list of professionals in private practice that can evaluate learning disabilities.

Disability Services is located on the third level in the D.P. Culp Center, on J. L. Seehorn, Jr. Road (v/tdd) (423) 439-8346, (tdd) (423) 439-8370 - <http://www.etsu.edu/students/disable>.

- **Early Childhood Learning and Development**—The Center for Early Childhood Learning and Development operates programs to serve the needs of young children and their families. Some of these programs offer child care services for families. The Infant-Toddler

programs serve children ages three months to three years in a full-year, full-day program. The Early Learning Program, Child Study Center, serves children ages three through five years of age in a full-year, full-day program. Students who are interested in enrolling their children in either of the programs can obtain more information by calling (423) 439-7555. Enrollment is on a limited basis. <http://child.etsu.edu>.

A child care program, Little Buccaneers Student Child Care Center, specifically designed to meet the needs of ETSU students, opened in June 1997. ETSU students can enroll their children for blocks of time each semester that would accommodate their child care needs while attending classes and during study times. This program is supported by the Student Activities Allocation Committee and ETSU. Information for this program can be obtained by calling 439-7549.

Students majoring in early childhood education, communicative disorders, special education, nursing, social work, counseling or psychology may find it beneficial to observe in these programs. Graduate assistantships, Academic Performance Scholarships, Federal Work Study Program employment opportunities, student teaching, and practicum positions are also available.

- **Electronic Mail Policy**—This policy was adopted by the Information Technology Governance Committee on February 17, 2009.

As email has become an integral part of the academic process, confidential information about ETSU students is being transmitted, including evaluations, grades, and financial information. Faculty, staff, and students must recognize that although there is an expectation of privacy, unencrypted email is not a secure means of transmitting information. While this policy does not prohibit student information from being transmitted by email, caution must be exercised regarding the content of messages.

ETSU provides each student, faculty, and staff member with an official university-assigned email account. All official university communications will be sent to the university email address. Faculty, staff, and students may assume that official ETSU email is a valid communication mechanism. Therefore, the university has the right to send communications to students, faculty, and staff via email and the right to expect that those communications are received and read in a timely fashion. Since this is our primary method of communication, email should be checked at least daily. Although students may choose to forward university email to an external email account, he or she is responsible for all information, including attachments.

Revised 1/2009

- **Financial Aid**—A comprehensive financial aid program has been developed to assist eligible students. Counselors are available from 8 a.m. - 4:30 p.m. Monday through Friday. This office is located in Burgin E. Dossett Hall, phone (423) 439-4300, 1-800-704-ETSU (3878), e-mail finaid@etsu.edu. For more information, please visit the financial aid office web page at <http://www.etsu.edu/finaid/>.
- **ID Card and Campus Debit Card (ID BUC\$)**—All students must obtain an official East Tennessee State University ID Card in order to have full access to all university facilities and services. Your ID card not only provides student identification, but will also allow access to Sherrod Library services, door access to residence halls, CPA, computer labs, and selected classrooms. Your ID card is also used to access meal plans, obtain tickets to athletic events, and to participate in student voting.

Students may also choose to create a debit account called ID BUC\$. You may use ID BUC\$ in the campus bookstore, all food service locations on campus, laundry facilities in residence halls, Student Health Clinic, University Press Convenience Center, Sherrod Library fees, Bursar's Office fees, and Coke and snack machines located all over campus. ID BUC\$ are also accepted at participating off-campus merchants. You may make a deposit online, by phone, or at the Campus ID Services Office.

ID cards will be issued during new student orientations or anytime after registering for classes. Please come by the ID Services Office on the 2nd level of the D.P. Culp Center for a brochure and additional

information or visit our web site, which details services and the terms and conditions.

Campus ID Services Office	Regular Office Hours:
Box 70611	Monday—8:00 a.m.–6:00 p.m.
Johnson City, TN 37614	Thursday—Friday 8:00 a.m.–4:30 p.m.
Phone: 423-439-8316	http://www.etsu.edu/id

- **Immunization Requirements** — Full-time students must provide proof of receipt of the first MMR vaccine dose prior to the first day class of students' initial semester at the institution. Subsequently, universities and colleges must obtain proof of receipt of the second dose of the MMR vaccine from full-time students who are completing the MMR vaccination series as a condition of enrollment as soon as possible after the proscribed twenty-eight (28) day waiting period between doses, but no later than the beginning of the next semester. Students who attended a public or private school in Tennessee for grades kindergarten through twelve for any period of time on or after July 1, 2001, are considered exempt and do not need to provide documentation. Bring MMR documentation to Student Health Services, Room 160, Roy S. Nicks Hall or fax it to (423) 439-4560.

The State of Tennessee mandates that all students be informed about Hepatitis B infection. Those students who will be living in on-campus housing must also be informed about the risk of meningococcal meningitis infection. A waiver indicating that the student is aware of the disease risks and the availability of vaccines for the diseases of hepatitis and meningitis must be signed. The waiver can be electronically signed on *GoldLink* at the time of registration for classes. If the student is under 18 years of age, the waiver can be obtained from ETSU Student Health Services, 160 Roy S. Nicks Hall or via the web site: www.etsu.edu/studenthealth. A parental signature is required on the form if the student is underage. The law does not require hepatitis or meningitis vaccinations for enrollment at this time. The waiver must be signed to avoid delays in the registration process for classes and obtaining of grades. The paper waiver should be turned in to Student Health Services. It may be faxed to (423) 439-4560.

- **Information Areas**—For information by phone call 0 if on campus and 439-1000 if off campus. Information via the Internet is available at www.etsu.edu.

The University Center Office on the second floor of the D.P. Culp University Center serves as a general information area from 8 a.m. to 10 p.m., Monday through Friday 10 a.m. to 10 p.m. Saturday and Sunday during the fall and spring semesters.

- **The Center for Adult, Commuter, and Transfer Services**, located in the ARC Center on the 2nd level of the Culp University Center, has a supply of most printed material available on campus. Staff members are willing to locate the information desired, if it is not already available in the office. Hours are 8 a.m. - 4:30 p.m. Monday-Friday. Phone 0 if on campus and (423) 439-5641 if off campus.
- **Insurance**—It is the responsibility of all students to provide hospitalization insurance for themselves if they desire to have coverage in the event of an illness or in case of injury while attending the university. For those students not having protection under a family insurance plan or for those who want additional coverage, ETSU has arranged for a special student insurance policy. Application forms and information pertaining to this insurance are available in the Student Health Clinic located in Nicks Hall.
- **International Programs and Services**—The International Programs and Services Office, located on the first floor of Yoakley hall, serves the international community of visiting international students and scholars from more than 60 countries who attend or visit ETSU. Programming, advising, immigration paperwork, community outreach and the Friendship Family Program are among the many services offered by the office. (www.etsu.edu/international)
The office also coordinates study abroad and exchange programs such as the National Student Exchange (NSE) and the International Student Exchange Programs (ISEP), among others. (423) 439-7737.

- **Leadership Development**—Educating future leaders is the purpose of higher education. ETSU believes all graduates will play a leadership role in their careers, families, and/or communities. Preparing for these opportunities can be accomplished by participation in service initiatives, taking Leadership courses, enrolling in the Leadership Minor, and participation in campus organizations. For more information about Leadership Development, contact Dr. Deborah Harley, Assistant Professor of Human Development and Learning, Claudius G. Clemmer College of Education, harley@etsu.edu, (423) 439-7692.

- **Libraries**—The current Sherrod Library, containing the major learning resources that support the university's program of teaching and research, opened in 1999. The collections include one-half million volumes, over one million microforms, over 12,000 periodical subscriptions (electronic and print), more than 350,000 federal and state documents and maps, audiovisual media, and the state depository collection of K-12 state-adopted textbooks. All of the materials in the collections can be found in the MILLENNIUM catalog, which is accessible from any Internet-connected computer. Over sixty computers (including 25 laptops) are distributed throughout this state-of-the-art, wireless building which has more than 1,800 seats. A study room open 24 hours a day is accessible with a student ID. (423) 439-5309 - <http://sherrod.etsu.edu>

The ETSU at Kingsport Library has a collection of over 25,000 volumes and maintains subscriptions to over 100 periodicals. (423) 392-8010

The Medical Library is located in Building 4 of the Veterans Affairs Medical Center. The library has a seating capacity of 213 and houses a collection of over 96,000 books, journals, computer databases and media which support the academic, clinical, and research programs of the College of Medicine. <http://com.etsu.edu/medlib> (423) 439-6252

- **Museums**—A campus history project initiated in the late 1920s created a repository that ultimately emerged as the B. Carroll Reece Memorial Museum. Its initial collections were made up of art and artifacts which had been collected and housed by the Department of Art and Design and Sherrod Library. The museum is a component of ETSU's Center for Appalachian Studies and Services and has been accredited by the American Association of Museums since 1972.

Exhibits include annual quilt exhibitions, items from the permanent collections, contemporary art, and traveling displays. The museum is at the junction of Stout Drive and Gilbreath Circle on the East Tennessee State University campus. All events and admission are free to the public. Allow one hour minimum. Gallery hours are 9 a.m. until 4 p.m., Monday-Wednesday and Thursday, 9 a.m. until 7 p.m., closed holidays and the week of December 25. Phone: (423) 439-4392. www.etsu.edu/reece/

The George L. Carter Railroad Museum is located in 113 Campus Center Building on the ETSU campus in Johnson City. Devoted to the region's historical ties to railroads, the museum is dedicated to the memory of George L. Carter who built the Clinchfield Railroad through 275 miles of mountainous terrain to carry coal from Eastern Kentucky. In 1909, when the state's selection committee visited the area while searching for a site for a proposed teachers college, Carter offered his 120-acre farm and \$100,000 toward the establishment of the school, which became ETSU. The Museum is open Saturdays, 10 a.m. to 3 p.m. Phone: 423-439-3382.

The ETSU & General Shale Brick Natural History Museum & Visitor Center introduces visitors to the 5-million-year-old Gray Fossil Site, discovered in 2000 by TDOT highway crews. Opened to the public in August 2007, the museum offers tours of an ongoing fossil dig, interactive exhibits, and educational programs for people of all ages. The museum also features temporary traveling exhibits that change three times a year and is open daily 8:30 a.m. until 5 p.m. except for 3 major holidays: Christmas Day, New Year's Day and Thanksgiving Day. ETSU students are granted ½ price admission with valid ID cards. For more information, visit www.grayfossilmuseum.com or call toll-free 1-866-202-6223.

- **Printing and Publications**—The ETSU Office of Printing and Publications is the clearinghouse for all campus printing. Located in the lower level of Sam Wilson Hall, Printing and Publications provides comprehensive graphic services for brochures, booklets, programs, newsletters, fliers, etc., at no charge to departments. In addition to business cards, letterhead, envelopes and invitations, Printing and Publications will also obtain quotes from vendors for all ETSU printing needs, large and small. For those publications requiring a Tennessee Board of Regents printing number along with proofreading, that too is handled through Printing and Publications. For more information, call (423) 439-4250.
- **Service Programs**—ETSU's commitment to service is evident through the campus mission statement and the numerous opportunities we provide students. Students are encouraged to expand their intellectual and social development. For more information, contact the Student Organization Resource Center at (423) 439-6633.
- **Student Organizations**— If you are looking for ways to get involved on campus - you have come to the right spot. There are more than 150 registered student organizations on the campus of ETSU, representing the diverse interests of our student population. Students are encouraged to be involved in campus life and our office can help you make the connection.

Almost 150 student organizations provide involvement opportunities for everyone. Student organizations at ETSU are categorized into one of the following areas which best describes their general purpose: Academic, Community Service, Governance, Greek, Honors, Religious, Residence Life, University Programs, and Special Interest. Contact (423) 439-5675 for more information.

Buctainment — Comprised of students, Buctainment plans major campus events such as concerts, movies, lectures, comedy shows, and Homecoming. Students can be involved with Buctainment as a member or programmer, or by attending a show as an audience member. It is a great opportunity to learn the technical, business, and marketing side of the entertainment industry. Located in the D.P. Culp University Center, lower level, phone (423) 439-6828 or e-mail etsufun@etsu.edu.

Placement Service — Placement services are provided as part of the Office of Career and Internship Services. The office processes inquiries from business, industry, school systems, hospitals, and government and social agencies. It also assembles employment materials, checks recommendations, arranges for interviews, distributes credentials, and provides other support service to complete the employment process. The Office of Career and Internship Services is located in rooms 211-213G Campus Center Building (Building 12), phone (423) 439-4441.

Public Safety—The Public Safety Building is located at the entrance of the university on University Parkway and has personnel on duty 24 hours a day for assistance. The emergency telephone number is 911. The public safety staff is composed of 21 state-certified sworn police officers who are also trained fire fighters. Public safety is a full-service police department encompassing traffic and parking enforcement, uniformed patrol, criminal investigations, and crime prevention education. Public Safety also provides these services: an escort service, engravers, booster cables, and battery booster packs. The non-emergency telephone number is (423) 439-4480. The number for the administrative offices is (423) 439-6900.

A traffic and parking regulation brochure has been prepared to inform and to protect all who use the campus roadways and parking areas. It is available in the Public Safety Building or at window #10 on the second floor of Burgin E. Dossett Hall.

Regional Centers—ETSU at Kingsport is located on 97 acres and offers day, evening and weekend classes, including lower and upper division and graduate courses. The selection is sufficient to meet most degree requirements of the university during the first two years. The phone number is 392-8000.

ETSU at Greeneville is located in the Greeneville-Greene County Center for Higher Education building, 215 North College Street in downtown Greeneville. Selected undergraduate and graduate courses are available during the day and evening through an articulation agreement between ETSU and Walters State Community College.

ETSU at Bristol closed in 2009 due to budgetary constraints. Classes are still offered at various sites in the Bristol area. Telephone: (423) 844-6300.

The Department of Allied Health Sciences, located at the Nave Center in Elizabethton, is a multidisciplinary department offering courses of study leading to a Bachelor of Science. The Bachelor of Science degree is available in Allied Health with concentrations in Allied Health Leadership, Cardiopulmonary Science, and Radiography. The telephone number is (423) 547-4900. The department offers a Bachelor of Science degree in Dental Hygiene. The telephone number is (423) 439-4497.

Research Development Committee—The ETSU operating budget provides funds for assistance to faculty and staff members for individual research projects. These funds are administered by the Research Development Committee which evaluates applications for research grants, summer stipends, and grants-in-aid.

School of Continuing Studies and Academic Outreach—An academic service provider for the university, the School of Continuing Studies and Academic Outreach offers a variety of opportunities. The Division of Cross-Disciplinary Studies makes it possible to offer degree programs or selected courses at the work place or in local communities through Cohort Programs. The Bachelor of General Studies, Bachelor of Applied Science, Bachelor of Science in Professional Studies, and the Bachelor of Science in Interdisciplinary Studies programs serve non-traditional students who need courses off-campus, in the evening, or online. The Master of Arts in Liberal Studies and the Master of Professional Studies allow adult students to pursue interdisciplinary study in a variety of areas. A regional center in Kingsport affords students the opportunity to remain close to home and pursue a degree. Professional Development offers nationally or regionally known noncredit programs and can custom design a program for those who have a need.

Service-Learning—Service-Learning is a form of experimental education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development. ETSU's Service-Learning program offers students the opportunity to combine community service with an academic course. A variety of departments have service-learning courses available. Some examples of courses with a service-learning component include Spanish, History, Sociology, Criminal Justice, and Education. Separate courses: Introduction to Service-Learning (SRVL 1020) and Advanced Service-Learning (SRVL 2000) offer students a more in-depth look at community needs while providing a service placement to work on those issues. Co-curricular service-learning opportunities are available through Volunteer ETSU, Reading Tutors, and Alternative Spring Break. Contact the Student Organization Resource Center (SORC), lower level of the Culp Center for more information (423) 439-6633, vetsu@etsu.edu.

Student Government Association—The Student Government Association (SGA) strives to represent the opinions of the students on every aspect of campus academic and extracurricular life. Its members work closely with students, faculty, and administration to provide advice and information and a strong voice in the governance of the university. The SGA is located near the Student Organization Resource Center (SORC) on the lower level of the D.P. Culp University Center, phone (423) 439-4253.

Student Health Services— East Tennessee State University students enjoy the benefits of a modern health care service. The Student Health Clinic is part of the College of Nursing Faculty Practice Network. Clinic Services are available to all enrolled students. The professional staff includes nurse practitioners, physicians, registered nurses, and a health educator. Services include:

- Management of acute, episodic illnesses and injuries
- Referrals for assistance in managing chronic disorders
- Immunizations
- Women's health program and assistance with family planning
- Men's health program
- Allergy clinic for those receiving allergy injections
- Patient education programs on a variety of topics

The Student Health Clinic is located in room 160 Nicks Hall. Please call (423) 439-4225 for further information.

The Dental Hygiene Clinic of the Department of Allied Health Sciences offers such comprehensive preventive therapeutic procedures as scaling and polishing teeth, pit and fissure sealants, nutritional counseling, periodontal therapy, patient education and exposing and developing radiographs. All treatment is performed, for a modest fee, by dental hygiene students under the supervision of the licensed dentist and dental hygiene faculty. Services are open to all students, university employees, and the general public. Appointments may be obtained by contacting the Dental Hygiene Clinic at 439-4514 in Lamb Hall, room 71 (Health Building).

The Speech-Language-Hearing Clinic, a component of the Department of Communicative Disorders, provides professional speech-language pathology and audiology services to students, faculty, and the general public. The service is provided by speech-language pathology and audiology graduate students under the direct supervision of licensed Speech-Language Pathologists and Audiologists. The areas of service include speech and hearing evaluation, hearing aid evaluation, and treatment of speech and hearing disorders through therapy. Intervention may be available for deficits in articulation, phonology, language, voice, and fluency. The clinic is located in Room 204 of Lamb Hall. Please call (423) 439-4355 for appointments or information.

ETSU Welcome Center—The ETSU Welcome Center is home to several office as follows:

Scholarship Office—coordinates most of the academic and need-based scholarships. The office provides information and scholarship applications for ETSU scholarships and serves as a resource for external scholarship information. www.etsu.edu/scholarships

Undergraduate Student Advisement—This office is the home of ETSU's Director of University Advisement. The office provides advisor training, coordinates the Need Help web site, and oversees the Partners in Education Program. (<http://www.etsu.edu/advisement>)

Campus Tours—Walking tours are conducted at 9 a.m. and 1 p.m., Monday – Friday, September through April. Summer tours are given May through July at 1 p.m., Monday through Friday. Please call Admissions at 1-800-462-3878 or (423) 439-4213 to schedule a campus tour. For a virtual visit to ETSU, try our web site at www.etsu.edu.

Roan Scholars Program—This innovative program aims to develop tomorrow's leaders by providing a select number of exceptional students with unique, carefully designed leadership opportunities and learning experiences on the campus of ETSU and beyond. Program Office Location: Ross Hall, Room 212; Address: ETSU Box 70304 Johnson City, TN 37614; Phone: 423-439-7677; Fax: 423-439-6040. Program Director: Kristina Bullock E-mail: bullockk@etsu.edu

University Center, D.P. Culp—The D.P. Culp University Center is a modern architecturally designed student center conveniently located in the heart of campus. The specific purpose of the Culp Center is to serve students as an integral part of their educational life. The Culp University Center provides a wide variety of services, entertainment, and social activities for the campus community.

The Culp University Center houses five separate food service areas, the bookstore, the post office, a mini-market, a computer lab, a variety of administrative offices, meeting rooms and conference facilities, a ballroom, and an auditorium/theater. For information regarding the use and reservation of these facilities, contact the Culp University Center office at (423) 439-4286.

Among the administrative offices housed within the building are the Counseling Center, Career and Internship Services, Vice President for Student Affairs, Student Support Services, Upward Bound, Food Services, Center for Adult, Commuter, and Transfer Services (ACTS), Campus ID System Offices, Advisement and Career Resources Center and the University Center.

Veterans' Affairs – Coordinates the delivery of military-related educational benefits of the United States Department of Veterans Affairs (USDVA), to eligible service members, veterans' and certain disabled veterans' dependents.

Benefit Programs

Primary entitlement programs administered by the Veterans' Affairs office:

- Montgomery GI Bill – Active Duty (MGIB-AD) Educational Assistance Program [Authority: Chapter 30, Title 38 *United States Code (USC)*];
- Vocational Rehabilitation & Employment (VR&E) Program [Authority: Chapter 31, Title 38 *USC*];
- Reserve Educational Assistance Program (REAP) [Authority: Chapter 1607, Title 10 *USC*];
- Montgomery GI Bill – Selected Reserve (MGIB-SR) Educational Assistance Program [Authority: Chapter 1606, Title 10 *USC*];
- Survivors' & Dependents' Educational Assistance (DEA) Program [Authority: Chapter 35, Title 38 *USC*];
- Veterans' Work-Study Allowance Program [Authority: Chapters 30, 31, 35 of Title 38 & Chapters 1606 & 1607 of Title 10 *USC*];
- Veterans' Tuition & Fee Deferment Program [Authority: § 49-7-104 *Tennessee Code Annotated (TCA)*]

Information on the above federal programs, except VR&E and state programs, may be found at www.gibill.va.gov. VR&E information can be found at www.vba.va.gov/bln/vre/.

Points of Contact - The Veterans' Affairs office on campus provides information, forms and general assistance to those applying for the above education benefit programs. Official decisions on eligibility are made by the appropriate government office and not the Veterans' Affairs office.

Questions regarding USDVA applications/benefit payments status (except VR&E) should be directed to:

Central Region Processing Office
United States Department of Veterans Affairs
Post Office Box 66830
Secure e-mail: <https://www.gibill2.va.gov>
Saint Louis, Missouri 63166-6830
888.GI.BILL.1 (442.4551)

VR&E beneficiaries should contact:
Christi Hellard, Counselor/Case Manager
Vocational Rehabilitation & Employment
United States Department of Veterans Affairs
E-mail: christ.hellard2@va.gov
412 North Cedar Bluff Road, Suite 416
Voice: 865.692.0711 Fax: 865.692.0712
Knoxville, Tennessee 37923-3605

Benefit Program Applications

Applicants for the MGIB-AD and REAP programs must provide a copy of their most recent *Certificate of Release or Discharge from Active Duty* [Department of Defense (DD) Form 214]. For MGIB-AD applicants, if claiming entitlement to the "buy-up" program, provide a copy of the election form and evidence of the increased benefit contribution. New applicants for the MGIB-SR will need to provide a copy of their *Selected Reserve Educational Assistance Program Notice of Basic Eligibility* (DD Form 2384) available from their unit. If applying for the MGIB-AD, REAP or MGIB-SR and entitled to a college fund/"kicker" then supporting documentation should also be provided. New VR&E and DEA applicants should provide a copy of the disabled veterans' "Disability Rating Decision." Additionally, DEA applicants should provide a copy of their birth certificate to submit along with their application. Adoption orders and parents' marriage license/certificate should be included if the dependent was legally adopted by the veteran. In response to a completed application, the USDVA will issue a "Certificate of Eligibility," a copy of which should be provided to Veterans' Affairs. If a beneficiary previously used benefits elsewhere, a change in program or place of training form must be completed.

Policies & Procedures

1. As soon as students are enrolled for classes, they should contact Veterans' Affairs each semester to request a certification of enrollment to the USDVA Regional Processing Office (RPO). Only required courses in the student's officially declared academic program may be certified. RPO processing of enrollment certifications of the school can vary but generally require 45-60 days so students should plan accordingly for their personal finances.
2. Students must keep Veterans' Affairs informed of all change(s) in enrollment so that timely reports can be made to the USDVA RPO.
3. Beneficiaries must attend classes and demonstrate satisfactory conduct and effort toward meeting the course requirements. Failure to maintain satisfactory attendance and conduct may result in retroactive adjustments in certified training time that will likely

result in an overpayment of benefits that will be collected by the USDVA.

4. Monthly self-verifications of enrollment can be accomplished securely online at <https://www.gibill.va.gov/wave/> or toll-free at 877.823.2378. Interval payments (benefit payments for the time between terms) are also automatic when a beneficiary stays continuously enrolled. Retroactive payments occur only when the RPO processes an enrollment certification for a subsequent term.
5. A student needs only to remain in good academic standing with the institution for continued receipt of benefits.
6. A course for which a student receives an "Incomplete" must be graded within one year or the beneficiary will be subject to a retroactive adjustment in the semester's training time likely resulting in an overpayment and recovery of benefits.
7. Pre-professional declarations (e.g., Pre-Med, Pre-Law, etc.) as the student's major and/or enrolling in courses to meet prerequisites for professional study are not approved objectives currently approved by the USDVA.
8. Military registry transcripts are required of all beneficiaries in undergraduate studies who have military service (see separate topic on how to request military registry transcripts). For credit-by-examination policy (e.g., CLEP, DSST, etc.), students should consult the "Non-Traditional Credit" pamphlet available from Undergraduate Admissions.
9. Beneficiaries are expected to regularly consult with their academic advisor and to refer to their respective catalog of admission on academic requirements, policies and procedures. Moreover, students are expected to clearly identify their degree, major (including concentrations, emphasis, tracks, etc.) and minor, as required.
10. All changes to a student's academic program (except VR&E) must be reported to Veterans' Affairs office for the completion of the appropriate forms and USDVA reporting. The academic program on file with Veterans' Affairs must agree with what is declared with the university. VR&E beneficiaries must coordinate any changes in their academic program with their case manager who must approve a program change. Failure to report or coordinate changes of academic programs will likely result in delayed receipt of benefit payments.

Veterans Tuition & Fee Deferments

Beneficiaries who pay in-state tuition and fees, have remaining benefit entitlement, and such entitlement does not expire within the semester may request additional time in payment of tuition and fees under state law. Approval is contingent upon a beneficiary demonstrating benefits eligibility with sufficient entitlement to cover tuition and fees and no indebtedness to the USDVA. If a continuing student or one previously enrolled and utilized a veterans tuition and fee deferment, the student must have timely paid in full deferred tuition and fees to remain eligible for the deferment. Students who do not follow the conditions of a deferment will forfeit their eligibility for deferments in all future enrollments.

Military Registry Transcripts

New and transfer undergraduate student beneficiaries with military service must ensure an official military registry transcript is sent to Veterans' Affairs and Undergraduate Admissions offices. University policy permits the award of academic credit only for formal military training and not skill levels attained/occupational experience. Army training with academic credit award recommendations is documented in an *Army-American Council on Education Registry Transcript System* (AARTS) transcript (further information available at <http://aarts.army.mil/order.htm>). Navy and Marine Corps training is contained in a *Sailor-Marine American Council on Education Registry Transcript* (SMART) (for further information or to order online go to <https://smart.navy.mil/smart/welcome.do>). Air Force veterans must submit an official transcript from the *Community College of the Air Force* (CCAF) (for further information or to make online requests go to <http://www.maxwell.af.mil/au/ccaf/transcripts.asp>). Students with formal Coast Guard training should submit an official copy of their *Coast Guard Institute* transcript, if available (request form available at http://www.uscg.mil/hq/cgi/Institute_Forms/1564.pdf). All forms to request transcripts are also available in the Veterans' Affairs office.

Veterans Work-Study Allowance Program

Veteran work-study opportunities are available locally to beneficiaries with sufficient remaining benefit entitlement and enrolled in school at

least three-quarter time. Interested students should contact the Human Resources (Building 20) office at the James H. Quillen Veterans Affairs Medical Center (VAMC) at Mountain Home. The VAMC Veterans Work-Study Coordinator may be contacted at 423.926.1171, extension 7183.

Military Mobilizations

A student may withdraw at any time during the semester for active military service and the student's academic record will be annotated as a withdrawal for military reasons. A copy of official military orders or other official supporting documentation must be submitted for review in advance of withdrawing. Depending on the nature/authority of the call to active duty, payments under certain federal benefit programs may be kept and entitlement used during the interrupted term restored to the beneficiary's entitlement. Tuition and fees may also be refunded under certain instances of active military duty. Students receiving financial aid should check with the Financial Aid Office for the handling of Title IV funds awarded. Students should contact any student loan lenders and inform them of their military status to avoid entering student loan repayment status and other possible adverse collection actions while serving on active duty.

Veterans' Affairs is located in 101A Burgin E. Dossett Hall and is open from 8:00 a.m. to 4:30 p.m. weekdays. The office can be reached at 423.439.6819 or va@etsu.edu.

Volunteer ETSU — Volunteer ETSU is a student-organized community service resource center that promotes, organizes, and supports a variety of public service opportunities for the campus community. It continues a long tradition of service to the community by students, faculty, staff, and alumni of East Tennessee State University.

Named the 417th Point of Light by the Office of the President of the United States, Volunteer ETSU promotes volunteerism and coordinates the major service projects and activities for students, encouraging thoughtful experiences in service, and challenging participants to actively address the problems we face as a society.

For more information or to become involved in Volunteer ETSU or any of its numerous projects, call 439-4254 or e-mail at vetsu@etsu.edu. Volunteer ETSU is located inside the Center for Community Engagement, Learning, and Leadership, lower level of the D.P. Culp University Center.

Housing and Residence Life

Student housing is an integral part of ETSU campus life. On-campus living is attractive, affordable, safe, and convenient and offers many educational opportunities for students. Resident students have increased access to the library; computer labs; extracurricular activities; intercollegiate athletics; health facilities; intramural and recreation programs; other students; lectures; concerts; other campus facilities; services; and programs.

On-campus living offers many ways for residents to experience individual growth and development. Residents have the opportunity to participate in academic and leadership experiences such as: The First Year Program; Residence Hall Association; International Living-National Residence Hall Honorary; Residence Hall Judicial Board; and many residence staff positions. Residents are involved at every level of the housing process.

Residence halls/apartments are centrally located and provide an environment for living and learning. University housing includes residence halls/apartments for single students and apartments for family housing. All residence halls have rooms furnished with twin-size beds; desk; chairs; closets; mini-blinds; telephone, data, and cable TV hookup; laundry; vending; and adjacent parking. Smoking is prohibited in all campus buildings, including the residence halls and apartments. Private rooms/apartments are available on a first-come, first-served basis.

Trained residence hall staff is available in each hall to assist with the total operation of the hall; enforce rules and regulations; provide programs and activities; advise, counsel and refer students; assist in emergencies; and other assigned duties. The university has adopted lifestyle options and visitation plans which are voted on by each hall at the beginning of each school year. Guests of the opposite sex may be entertained in individual rooms only during those specified visitation hours.

Family/Graduate Housing - Buccaneer Village — A limited number of apartments are available for married or single parents or single graduate students. These include one- and two-bedroom apartments for married or single parents, and a limited number of private efficiency

apartments for graduate students. Applications for these apartments require a \$150 deposit. Rent is payable by the semester and includes water, electricity, telephone (except for long distance calls), data access, and cable TV hookup.

Buccaneer Ridge Apartments — Sophomores and above enjoy two- and four-single occupancy bedroom apartment units. Each apartment contains a furnished living area, single bedrooms with double bed, closet, desk, and chest of drawers; kitchen facilities, including full-sized refrigerator, stove, microwave, and garbage disposal; washer and dryer; and two bathrooms. Each bedroom is provided with an alarm system; telephone, cable TV, and data jack; and individual locks.

Residents enjoy a clubhouse with copier and fax availability; lounging pool; volleyball and basketball courts; and individual leases with no connection fees.

Application Procedure — An application may be obtained by contacting the Department of Housing and Residence Life at the address below or printed from the housing web site. Early application, preferably before April 1, for fall semester and October 1 for spring semester is encouraged. Assignments for fall semester begin in April and mid-December for spring.

A completed application and a \$100/\$150 reservation/damage deposit is required and accepted at any time. Room/hall assignments are made according to the date of the application and deposit and availability. On-campus students are able to retain their current room or sign for another hall and/or room each semester.

For housing costs, please see “Housing Fees” in the section entitled “Expenses.”

The Department of Housing and Residence Life is located in room 108, Burgin E. Dossett Hall. The mailing address is:

East Tennessee State University
P.O. Box 70723
Johnson City, TN 37614-1710
Telephone (423) 439-4446
Fax: (423) 439-4690
e-mail: housing@etsu.edu
website: www.etsu.edu/students/housing/

Campus Recreation

The Department of Campus Recreation, a unit in the Division of Student Affairs, provides a wide range of physical activities and recreational sports for the entire ETSU community. Five types of programs are offered: fitness, intramural sports, non-credit instruction, outdoor adventure, and sports clubs.

All programs operate out of the Basler Center for Physical Activity, a “state-of-the-art” indoor and outdoor complex designed for the exclusive recreational use of the ETSU student body and current employees. The “CPA” was built and operates with student fee dollars. Indoor spaces include: basketball/soccer/volleyball courts, climbing wall, group exercise/martial arts studio, pool, racquetball/squash courts, and weight-rooms (huge weight-room). There is also a casual care service, equipment room, locker room, and personal training suite. Directly adjacent to the CPA is the Basler Challenge course with its towers, walls, and low elements. Also located beside the building are two lighted ballfields that can accommodate a range of team sports. The project’s intent will improve the connection students have to ETSU and give them a more complete collegiate experience.

Fitness programs are the most popular types of recreational activity on any college campus. The CPA boasts a 15,000-square-foot weight-room with cardiovascular stations, free weights, and weight machines. Aerobic/group exercise classes are scheduled daily in the CPA’s aerobics/martial arts studio. There is also a personal training service with fitness testing, exercise prescription, and supervised workouts. Lap swimming will be scheduled three times daily during the week. Aqua aerobics classes are scheduled as well.

Varieties of team and individual intramural sports are scheduled each semester. Traditional fall team sports are flag football and volleyball. Spring team sports are basketball and softball. The four major leagues play four game regular seasons plus playoffs and contest Men’s A, Men’s B, Women’s, and Co-Rec divisions. Each year’s individual sports includes two road races and a golf tournament in the fall, and a bench press contest,

racquetball, and tennis in the spring. Campus Recreation is also very involved in Homecoming in the fall.

Non-credit instruction classes provide ETSU students with the opportunity to learn new physical activities and recreational sports from qualified instructors. The unit has offered karate, kayaking, rock climbing, and swim lessons and intends to expand into racquet sports, SCUBA, and self-defense in the near future.

The Basler Challenge Course is the centerpiece of the university’s outdoor-adventure program. The course includes an Alpine Tower, Carolina Straight Wall, and 12 low elements. Campus Recreation stages leadership and team building seminars for academic departments and student groups. For more information or to schedule a seminar, call 439-4266. There are also times for individual students to challenge the tower and climb. All gear is provided. Backpacks, sleeping bags, and tents can be rented from room 230, Brooks Gym. The department stages skydiving, paintball, skiing, and whitewater rafting most years.

Student leadership and volunteerism in an athletic environment are the focus of sports clubs programs. Individual clubs promote competition, instruction, and social interaction. To learn about currently functioning clubs, or to establish a new one, contact the Campus Recreation Office.

Campus Recreation is one of ETSU’s largest employees of student labor. The unit participates in all of the university’s work programs - APS, FWSP, RSWP, and temporary support. Graduate assistant positions are also available.

Preference is given to students majoring in exercise science or sports management, but any ETSU student would find Campus Recreation to be a challenging, rewarding, user-friendly environment. Studies have indicated that students who are employed on campus persist to graduation better than those who work off campus or do not work at all. Please inquire early in the semester about possible employment opportunities.

There are two options for spouse and dependent use of the CPA. Spouse and dependent memberships may be purchased at the equipment room. Such memberships are available only to the immediate family members of currently enrolled students and currently employed faculty and staff members. Pricing was established based on the \$70 student fee increase and other university fee structures and the market value of commercial fitness and recreation centers in the Tri-Cities. Dependents 17 and under must be accompanied by a parent at all times in the CPA. Memberships for dependents 18-21 may also be purchased and those adult users will be issued a picture ID. Access will not be made available to dependents 22 and over. A Saturday morning family program will be held weekly from 9 a.m. - 11 a.m. free of charge. Families will be able to use the pool, climbing wall, and gyms. There will also be instructional programs and special events scheduled on a regular basis. Children must be accompanied by their parents at all times and proper ETSU ID will be required for admission.

Participation in any type of positive activity is an important part of the collegiate experience. However, there are risks involved in any and all sports. Persons injured while participating in recreational activities are responsible for their own medical expenses. ETSU does not carry any type of blanket insurance coverage. The Department of Campus Recreation takes a wide range of precautions to protect its participants, but everyone is encouraged to purchase some type of comprehensive insurance protection.

It is the goal of the Department of Campus Recreation to provide a comprehensive service schedule of events, programs, and services for the entire ETSU community. The program is all-inclusive and previous athletic experience or skill is not a prerequisite for participation. For more information, call 439-7980 or come by the department office in the Basler Center for Physical Activity.

Intercollegiate Athletics

The university is a member of the Atlantic Sun Conference and the National Collegiate Athletic Association (NCAA). Eligibility of students to participate is determined by rules established by these organizations and by the university. Teams in basketball, baseball, golf, cross country, indoor and outdoor track, tennis, volleyball, soccer, and softball represents the university in intercollegiate competition. The department also sponsors a cheerleading team. The Department of Intercollegiate Athletics is located in Memorial Center, room 325W, phone 423/439-4343 or <http://www.etsubucs.com>.

ACADEMIC REGULATIONS

Classification of Courses by Level

All courses in the 1000 series are freshman courses, all in the 2000 series are sophomore courses, all in the 3000 series are junior courses, and all in the 4000 series are senior courses. All 4xx7 courses are for undergraduate credit, but may include students who are taking the class for graduate credit under a 5xx7 number. Graduate students shall be required to do specified work over and above that required of undergraduate students in these courses. All in the 5000, 6000, and 7000 series are graduate courses.

Undergraduate students may not enroll in courses numbered higher than one year above their current classification. For example, a sophomore may enroll for junior courses, but may not enroll for senior courses. This policy does not apply in the College of Business and Technology, where 3000 and 4000 level courses are open only to juniors and seniors who have completed the appropriate course prerequisites. Enrollment in the 5000, 6000, and 7000 series is limited to graduate students. At least 70 percent of all courses taken in a master's program must be in the 5000 series; at least one-half of all courses taken on the doctoral level must be in the 6000 and 7000 series.

Courses numbered below 1000 are offered through the Division of Developmental Studies and are not credited toward the degree.

Major, Area Concentration, and Minor

A "major" is the curriculum for a particular field of study a student wishes to pursue in earning a degree. The minimum number of credits for a major is 24, but the total varies according to the area. An "area" concentration" is a specialized area of study within a major. Most majors require a "minor." A minor is a secondary area of study outside of the major program of study with a structured curriculum composed of at least 18 semester credit hours of which at least 9 hours must be at the 3000-level or above. Students should consult this catalog to determine the major and minor requirements for specific areas of study. They should meet regularly with an academic advisor in the major to select courses needed to complete a degree. Students should also meet with an advisor in their chosen minor department to ensure that the correct courses are chosen to complete the minor.

Declaring a Major

Undergraduate students must declare a major no later than the first term after they complete 60 semester credit hours. Transfer students who transfer more than 60 semester credit hours must declare a major by the end of their first semester at ETSU. This policy also applies to students in preprofessional programs. Students seeking a second bachelor's degree must declare a major at the time of application.

Grades

ETSU assigns numerical values to letter grades to permit calculation of grade point averages. A four-point system is used, which includes plus/minus grading.

GRADE	GRADE POINTS
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7*
D+	1.3*
D	1.0*
F	0.0
FN (failure for non-attendance)	0.0

* Developmental Studies, freshman English composition courses, and Graduate Studies do not assign these grades.

How to Compute a Grade Point Average

The grade point average (GPA) is computed as follows:

Step 1. Grade Points earned in a course x Course credit hours = Grade points for course

Step 2. Sum of grade points for all graded courses = Total grade points

Step 3. Total grade points divided by all credit hours attempted = GPA

Example:

Course	Grade	Credit Hours	Grade Points	Grade Points for Course
ENGL 1010	B	3	x 3	= 9
CHEM 1030	A	4	x 4	= 16
HIST 2010	C	3	x 2	= 6
MATH 1530	C	3	x 2	= 6
CSCI 1100	A	3	x 4	= 12
Total		16		49

49 divided by 16 = 3.06

Grades that do not influence Grade Point Average:

P - Pass: Grade points are not assigned; credit hours are earned.

Cr - Credit: Grade points are not assigned; credit hours are earned. (Used to record credit established by nontraditional means.)

I - Incomplete: Indicates a passing grade at the end of a semester, but an important part of course was not completed (e.g., term paper, exam).

Au - Audit: Credit hours are not earned.

W - Withdrawal: (See Adding and Dropping Courses and Withdrawing from the university.)

WF - Withdrawal Failing: (see Adding and Dropping Courses and Withdrawing from the university.)

Grade Appeal Process

A student may appeal a course grade if the student has evidence that the grade was assigned in a malicious, capricious, erroneous, or arbitrary manner. Students may obtain grade appeal forms from the school or college deans, the Vice President for Academic Affairs, or the Vice President for Health Affairs. The grade appeal process is outlined in *Spectrum* (the ETSU student handbook), which is available online at <http://www.etsu.edu/students/spectrum/pfp.htm>. Students wishing to appeal a grade must begin the process within 21 days after the beginning of the next term, excluding summer school.

Grade Reports

ETSU provides grades to registered students online via *GoldLink*. Academic departments retain grade documentation for a period of one year. Student concerns regarding academic records will only be addressed within one academic year from the date when the grades in question were posted.

Pass/Fail Grading

The pass/fail (P/F) grading option allows qualified undergraduate students to explore, in a limited manner, their interests and abilities by receiving a pass or fail grade instead of a regular letter grade in a course. This section describes the P/F grading option available to individual students. The regulations cited here do not apply to the use of non-letter grades in entire courses.

Dean's List

To qualify for the Dean's List an undergraduate student must meet the following criteria for the term:

1. Earn no grade below 'C' in any course taken that term.
2. Pass a minimum of 12 credits (excluding audits, incompletes, repeats, pass/fail, and Developmental Studies courses).
3. Achieve a minimum GPA of 3.7000 for the term in applicable courses.

Student Qualifications: Undergraduate students pursuing degrees must have a minimum GPA of 2.5 to take a course on a P/F basis. All ETSU credits plus any credits earned elsewhere and accepted by ETSU for transfer are counted when calculating the GPA for this purpose. There is no GPA requirement for undergraduate students not pursuing degrees. However, if a student later decides to pursue a degree, the GPA requirement then applies.

Courses Excluded and Included: Undergraduate students pursuing degrees may not take general education core courses or courses in the major or minor on a P/F basis. If a student changes majors or minors and a completed P/F course is then in the new major or minor, the student may petition the dean of the college or school offering the newly declared major or minor to have the original letter grade earned substituted for the previously earned P/F grade.

Undergraduate students not pursuing degrees may take any course P/F, to a maximum of 12 semester credit hours. However, courses taken at ETSU and graded P/F which are then brought into a degree program at ETSU are subject to the regulations governing students pursuing a degree.

Registration Process: Undergraduate students pursuing degrees or not pursuing degrees must request the P/F grading option at the time of registration. Students may register for no more than one P/F course in a semester. Registration for the P/F option in a course must be approved by the student's department or college advisor, who must sign the drop/add form to certify review of qualifications and other applicable limitations.

Students may not request the P/F option for a course that is added after the first week of classes. The regular letter option cannot be changed to P/F, nor can the P/F grading be changed to regular grading after the first five days of the semester.

The instructor will not know the identity of students enrolled on a P/F basis and will record letter grades for all students, which the Office of the Registrar will convert to P/F. P/F courses may be repeated for regular letter grades.

Credit Hour Regulations: Undergraduate students pursuing degrees may count no more than 12 credit hours earned on a P/F basis at ETSU toward graduation. Courses with P/F grades cannot be applied toward a major or minor.

P/F graded courses will be counted as degree credit hours earned. Failing grades (F) are computed in the student's GPA. Pass grades (P) are not computed in the GPA. P/F grades awarded for departmental challenge exams or other advanced standing examinations are not counted as credit hours earned.

Plagiarism Policy

Henry Campbell Black defines plagiarism as "The act of appropriating the literary composition of another, or parts of passages of his writing, or the ideas or language of the same, and passing them off as the product of one's own mind" (*Black's Law Dictionary*, West Publishing Company, St. Paul, Minnesota, 1968, p. 1308). In other words, plagiarism involves using someone else's words or ideas without giving proper credit to the original author. Even if one does not copy the words exactly or even if one copies only a small part of someone else's work, one must cite the name of the original author and provide a reference to that person's work (e.g., title of work, year of publication, and name of publisher) using a format based on the publication manual of a nationally recognized scholarly association, such as the American Psychological Association or the Modern Language Association. One should enclose an exact quotation in quotation marks or indent the quotation, depending upon the style manual used. A page number or numbers must be cited for each quoted passage. Even if one does not use an author's exact words, if one uses an author's ideas one must provide documentation to give credit to the author. These standards apply to print and nonprint media and include the Internet.

Credit by Correspondence or Extension

Credit earned by correspondence or extension from a regionally accredited institution may be accepted toward the completion of a degree at ETSU, provided that the total hours earned by correspondence or extension or a combination of the two does not exceed one-fourth of the hours required for the degree.

Student Classification

Freshman	(FR)	0 - 29.9	semester hours earned
Sophomore	(SO)	30.0 - 59.9	semester hours earned
Junior	(JR)	60.0 - 89.9	semester hours earned
Senior	(SR)	90.0 and up	semester hours earned

Master's Candidate (MS): A student who has been formally accepted to graduate school for the purpose of pursuing a master's degree.

Specialist in Education Candidate (SED): A student who has been formally admitted to graduate school and the college of education for the purpose of pursuing a specialist degree.

Doctoral Student, Early Stage (DE): A student formally admitted to a doctoral graduate program of study whose major academic endeavor consists of formal coursework directed toward fulfilling requirements for a doctorate.

Doctoral Candidate, Late Stage (DL): A doctoral graduate student who has passed the doctoral qualifying examination and whose principal academic endeavor consists of work toward completion of the doctoral dissertation.

Postdoctoral Student (PD): A student who has an awarded doctoral degree and is engaged in advanced academic study or specialty training beyond the doctoral degree.

Visiting Graduate Student (SPG): A formally enrolled graduate student, from another institution, whose coursework will be transferred back to the student's home institution.

Graduate Non-Degree: A post-baccalaureate student who is not pursuing a graduate degree, is not a post-doctoral student, and is enrolled in graduate courses.

Undergraduate Special Student (SPU): A student who is not working toward a degree and is enrolled in undergraduate courses.

Visiting Undergraduate Student (SPU): An undergraduate student who is taking work to transfer to another school.

Class Load

Fall and Spring Semesters

Standard Load - To be able to graduate in the traditional four-year time frame, students should plan to take a course load of 15-17 hours per semester. The **minimum** course load for full-time enrollment is 12 semester hours. The **maximum** course load is 19 semester hours, unless permission for an overload is approved.

Overload - The academic advisor and the dean of the student's college or school must approve registration for an overload. Following completion of 45 semester hours, students with a cumulative 3.0 GPA may be approved for a load of up to 21 semester hours. Graduating seniors who do not have grade point average deficiencies may be approved to enroll for up to 21 semester hours in order to complete graduation requirements during that semester.

Audit enrollment is used in determining class loads

Probationary Load - Any student on academic probation at the time of registration may not enroll for more than 13 hours, including audits, except by approval of the student's advisor and college/school dean.

Summer Term

The maximum course load for the entire summer term is 17 hours, which is apportioned to each summer session as follows:

Pre-Summer:	Three (3) credit hours
First five-week session (Term 1):	Seven (7) credit hours
Second five-week session (Term 2):	Seven (7) credit hours

Overloads in summer term, up to a maximum of 21 semester hours, must be approved by the academic advisor and the college/school dean.

Exceptions

Exceptions to the class load policy require approval of the academic advisor, the college/school dean, and the Vice President for Academic Affairs (or designee).

Class Attendance Policy

It is expected that students will attend class regularly and provide the faculty with a reason for any absence. *Failure to attend class regularly can affect students' grades and financial aid.* East Tennessee State University does not specify a fixed number of class absences as university-wide policy, but each department within the university has the right to set a maximum number of absences (including absences due to university activities and illnesses) permitted during an academic term. Departmental class absence policy is subject to approval by the dean of the school/college. At the beginning of the course each faculty member must provide a written statement governing attendance policy (including laboratory/clinical sessions where applicable) for the course so that all students may be fully informed of their attendance responsibilities, including penalties that may be imposed

for failing to meet these responsibilities. If a student is not in attendance during the class meeting in which the class attendance policy is discussed it is the student's responsibility to ascertain the policy in that class.

Absences Occasioned by University-Sponsored Activities: University-sponsored activities include those sponsored by a university department or by a student organization officially recognized by the university. Course instructors must excuse absences occasioned by university-sponsored activities as long as the number of absences does not exceed the number prescribed in an established and previously announced departmental policy and the instructor has been informed in advance of the intended absence. An excused absence means only that students must be allowed a reasonable opportunity to complete all assignments and tests missed because of the excused absence. It is the responsibility of the student and of the faculty or staff sponsor of the activity to inform the course instructor of the upcoming absence. This information should be provided by giving a Class Absence Authorization Form to the instructor. Class Absence Authorization Forms can be obtained from the Office of Student Affairs. However, it is not necessary to obtain permission for absences from the Office of Student Affairs, nor does the office inform instructors of expected absences.

Absences Due to Emergency, Special Circumstances, or Illness: In case of an emergency (e.g., death in the family or illness) absence from class may be excused, and the student allowed reasonable opportunity to complete all assignments and tests missed. In such cases it is the responsibility of the student to explain the situation to the faculty member as soon as possible. The faculty member may require verification of the emergency situation or illness from the student. Students confined at home or in a hospital for an extended period of time should notify instructors from whose classes they will be absent so that arrangements can be made for completion of assignments, if feasible. The number of such absences may not exceed stated policy for the class, and the student must make arrangements to complete missed assignments.

Appeal of the Faculty Member's Decision: If a student has evidence that an instructor has not excused an absence that should have been excused within the guidelines stated here, the student may appeal the instructor's decision to the chairperson of the department and/or dean of the college or school in which the course is offered.

Repeating a Course

The following regulations apply to repeating courses:

1. A course in which an undergraduate student has an 'A', 'A-', 'B+', 'B', 'B-', or 'I' grade may not be repeated.
2. If a course in which the student has a 'C+', 'C', 'C-', 'D+', 'D', 'D-' or 'F' grade is repeated, only the most recent attempt (excluding 'I', 'W', or 'WF' grades) will be used in calculating the grade point average. However, all grades earned in the third and subsequent attempts will be used in calculating the summary line (grade point average).

Note: All courses attempted count in hours attempted and all attempts will continue to show on the record.

Incomplete Grades

The incomplete grade indicates that a student was passing the course at the end of the semester, but due to circumstances beyond the student's control, was unable to complete a courses requirement such as a term paper, outside reading assignment, projects, or an examination. It also indicates that the student received consent from the instructor to complete the work for which an 'I' grade was given. The 'I' grade is not to be used to allow a student to do additional work to raise a deficient grade and the student may not repeat a course in which they have an 'I' grade.

Following consultation with the student, the instructor will determine the date by which the incomplete shall be removed, but in no case will the date exceed one calendar year or the time of graduation, whichever is earlier. After this period, the incomplete grade becomes an 'F' and is recorded on the student's academic record. Incomplete grades are not removed until the new grade is recorded in the Office of the Registrar.

Auditing a Course

Students are permitted to enroll in regular university courses as auditors. Registration fees are the same for audit as for credit. Audit enrollment will not be considered part of the 12-hour minimum required for a full-time

load but will be counted in determining overloads. Regular attendance is required. Unsatisfactory class attendance may result in being administratively dropped from the course.

After the published "Last Day to Add a Course" students may not change their enrollment status in a course from credit to audit or from audit to credit.

Adding and Dropping Courses

Adding a Course: A course(s) may be added during the late registration/late add period without special permission, unless the course has reached the established maximum enrollment. To add any class that has reached the enrollment limit requires permission of the instructor and department chair. After the late registration/late add period, special permission must be obtained from the instructor, the department chair, the dean, and the registrar.

Dropping a Course: A course(s) may be dropped during the first eight calendar weeks of a regular semester. Courses dropped during the first two weeks will not appear on the student's permanent record. Students who drop a course after the second full week of classes through the eighth calendar week will receive the grade of 'W' (During the summer session, or when courses do not conform to established term dates, this schedule is adjusted appropriately to fit the condensed time frames.)

Developmental Studies courses cannot be dropped without written permission from the University Advisement Center located on the second level of the D. P. Culp Center.

After the eighth week, a student may not drop a course except where verifiable, extenuating circumstances can be demonstrated. Verifiable extenuating circumstances are reasons beyond the control of the student, such as illness or accidental injury. Poor performance in a class is not an extenuating circumstance.

Students seeking permission for late drops must present a petition to the dean of the college or school in which they are majoring as of the beginning of the semester. Students whose majors are undecided must apply to the Office of Undergraduate Student Advisement located in the D.P. Culp University Center. If a late drop is approved, the student will receive a grade of 'W' (Withdrawn) or 'WF' (Withdrawn-Failing), as assigned by the instructor of the course.

When doing any scheduling transaction using GoldLink (example: dropping, adding, withdrawing) it is the student's responsibility to verify that transaction by checking the status on the student detail schedule on GoldLink-Online. This will ensure that the action has been completed successfully. The student is responsible for confirming that the drop or withdrawal was received and correctly processed using GoldLink. Students stating they "attempted" to drop or withdraw by GoldLink but the transaction was not completed will not be permitted consideration of a late drop or withdrawal. Students are responsible for verifying all scheduling transactions whether completed on Goldlink, in person or those approved by dean or designees

Withdrawing from the University

Students may withdraw from all classes through the published last day to withdraw for a term. Students withdrawing from the university during the first two weeks of classes will not have those courses appear on their permanent record. Withdrawals from the university from the beginning of the third week through the end of the eighth week will be recorded with a grade of "W." Withdrawals from the university after the eighth week will be recorded with 'W' or 'WF' at the discretion of the instructor. (During the summer session or other shortened terms, this schedule is adjusted appropriately to fit the condensed time frame.) All requests for withdrawal from the university must be received in the Office of the Registrar no later than the close of business hours two days before the last day of classes of any academic term. Under no circumstances will a student be permitted to withdraw from the university after that date.

Students who do not withdraw by the official procedure will receive an 'F' for each course.

Student Proficiency in English

By the end of the freshman year, every student enrolled at ETSU is expected to have a command of the English language that is commensurate with the quality of speech and writing of educated adults.

Academic Probation and Suspension Policies

Baccalaureate degree students who do not maintain the cumulative grade point average indicated on the following table, based on credit hours attempted, will be placed on academic probation after grades are posted for the term that the credit hours were earned (including summer sessions) during the next term (including summer session) in which they are enrolled at ETSU. Developmental Studies courses are included in calculating the GPA for this purpose.

GPA Hours Attempted Standard	Semester Credit Cumulative GPA
0 – 29	1.4
29.1 – 45	1.7
45.1 – 59.9	1.9
60+	2.0

Students seeking a second baccalaureate degree must maintain a 2.0 GPA each semester, regardless of the number of semester hours attempted.

Students may enroll in up to 13 credit hours of classes during a term in which they are on academic probation. If, at the end of the term of academic probation, a student has not attained the cumulative GPA standard or a 2.0 GPA for the term, the student will be suspended. A student who attains a 2.0 GPA for the term but does not meet the cumulative GPA standard will remain on probation during the next term of enrollment.

Period of Suspension: A student on probation who does not meet minimum GPA standards will be suspended from the university for one semester. The summer session does not count as a term of suspension. If a student is suspended for a second time for failure to meet minimum GPA standards, the suspension will be for two semesters or longer, and the student must follow the appeal procedure for reinstatement.

Appeal Procedure for Reinstatement following Suspension: Where extenuating circumstances are established as primary factors relating

to low grades, a student may petition to waive or end the period of suspension. This petition must describe verifiable, extenuating circumstances, which may include illness as evidenced by medical documentation; personal problems, such as divorce or serious domestic problems; accidental injury; or other circumstances beyond the student’s control.

Upon the receipt of the written petition, a current academic transcript, and any supporting documents, a preliminary decision will be made as to whether there are satisfactory extenuating circumstances to warrant a formal appeal hearing. If a hearing is granted, the student will be notified of the time and place of the appeal hearing before the Academic Status Appeals Committee, which includes representatives of the Office of Student Affairs and the dean’s office of the college or school in which the student is majoring. If the request for a hearing is not granted, the student may contact the dean for a review of the decision.

Work in Other Institutions

If credits earned at other regionally accredited institutions during a period of academic suspension from ETSU are found to be acceptable for transfer and if such credits are sufficient to remove a student from academic probation, the student may be readmitted as a transfer student by the Director of Admission.

The ETSU Honor Code

East Tennessee State University is committed to developing the intellect and moral character of its students. To that end, all instances of plagiarism, cheating, and other forms of academic misconduct shall be punished in accord with Tennessee Board of Regents policy. Any knowledge of conduct of this nature should be reported to the proper authorities. Not reporting instances of academic misconduct represents a fundamental break with honor code policy, and although this offense is not punishable, reflects a callous disregard for yourself, your classmates, and your professors.

DEGREE AND GRADUATION REQUIREMENTS

Degrees

East Tennessee State University confers the following degrees:

Undergraduate

Bachelor of Applied Science (B.A.S.)
 Bachelor of Arts (B.A.)
 Bachelor of Business Administration (B.B.A.)
 Bachelor of Fine Arts (B.F.A.)
 Bachelor of General Studies (B.G.S.)
 Bachelor of Music (B.M.)
 Bachelor of Science (B.S.)
 Bachelor of Science in Education (B.S.Ed.)
 Bachelor of Science in Dental Hygiene (B.S.D.H.)
 Bachelor of Science in Environmental Health (B.S.E.H.)
 Bachelor of Science in Nursing (B.S.N.)
 Bachelor of Social Work (B.S.W.)

Graduate

Master of Science in Allied Health (M.S.A.H.)
 Master of Accountancy (M.Acc.)
 Master of Arts (M.A.)
 Master of Arts in Liberal Studies (M.A.L.S.)
 Master of Arts in Teaching (M.A.T.)
 Master of Business Administration (M.B.A.)
 Master of City Management (M.C.M.)
 Master of Education (M.Ed.)
 Master of Fine Arts (M.F.A.)
 Master of Professional Studies (M.P.S.)
 Master of Public Administration (M.P.A.)
 Master of Public Health (M.P.H.)
 Master of Science (M.S.)
 Master of Science in Environmental Health (M.S.E.H.)
 Master of Science in Nursing (M.S.N.)
 Master of Social Work (M.S.W.)
 Education Specialist (Ed.S.)
 Doctor of Audiology (Au.D.)
 Doctor of Education (Ed.D.)
 Doctor of Medicine (M.D.)
 Doctor of Science in Nursing (D.S.N.)
 Doctor of Pharmacy (Pharm.D.)
 Doctor of Philosophy (Ph.D.)
 Doctor of Physical Therapy (D.P.T.)
 Doctor of Public Health (Dr.P.H.)

Bachelor Degree Requirements General

1. A minimum grade average of "C" (2.0 grade point average) on courses grouped, as follows:
 - a. All college work including courses transferred from other institutions.
 - b. All courses taken at East Tennessee State University.
 - c. All courses in the major and minor subjects (or area concentration) taken at East Tennessee State University.*
 - d. All courses in the major and minor subjects (or area concentration) including transferred credits.*

* Grades in all courses taken in the major and minor departments are reflected in the grade point average for the major and minor (or area concentration).
2. Students must complete the requirements of their program of study which shall be a minimum of 120 semester hours credit (exclusive of courses designed as not applicable toward the baccalaureate degree) including the general education core requirements, a major, and a minor, if required. The major and minor are usually chosen from different departments and each program of study must be approved by the chair (or advisor) of each department. The major and minor programs (or area concentration) must be approved by the chair of the departments concerned.

3. Transfer students must complete enough work in residence at ETSU in both the major and minor to satisfy the chair of the departments that they are qualified in the major and minor fields. Transfer students must take a minimum of six semester hours at ETSU in the major field.
4. Students must satisfy a residency requirement of not less than two semesters during the junior and senior years, including the last full semester. The residence requirement shall be no less than 25 percent of the total requirements of the program of study (i.e., 30 semester hours for a program of study of 120 semester hours). Not less than 12 semester hours may be counted as a semester of residence. Courses taken at East Tennessee State University off-campus centers are classified as residence credit.
5. A minimum of 50 semester hours of credit must have been completed in a senior-level college or university.
6. Students must have demonstrated proficiency in written and spoken English.
7. Students must complete the Core Exit Exam and all other required exit exams, such as the Major Field Test. These exams must be completed with due seriousness and diligence. The results of these tests are important to the university and are used in the evaluation of academic programs. The Core Exit Exam, which measures general education, should be taken as soon as general education requirements are met and not later than the beginning of the senior year. The Major Field Test is required in selected departments and administered during the senior year. Departments requiring the Major Field Test and Core Exit test dates are listed each semester in the Schedule of Classes Bulletin and on the web at http://www.etsu.edu/reg/graduation/exit_exam_sched.htm.
8. Students must file an Intent to Graduate form and approved major and minor sheets with the Office of the Registrar, Graduation Office, no later than the close of the first month of the senior year. The deadline for this filing is included in the academic calendars of the catalogs. It is the responsibility of the student to ensure that this deadline is met. No diploma or transcript will be issued to students with outstanding financial obligations.
9. Compliance with any changes which may be made in the curricula may be required for students not completing degree requirements within six years from the date of first registration.

Foreign Language Proficiency (B.A.)

Students studying for a bachelor of arts (B.A.) degree shall be required to complete a foreign language course numbered 2020 or above with a grade of C- or better. International students whose native language is not English and whose admission to ETSU requires them to take a standardized test of English as a Foreign Language (e.g., TOEFL) may substitute scores that meet the admission requirements for the foreign language requirement.

Second Bachelor's Degree

Students who hold a bachelor's degree from ETSU or any other regionally accredited college or university may subsequently earn a second bachelor's degree from ETSU in a second discipline by the following: 1) complete an additional 30 hours post-baccalaureate ETSU credit; 2) complete, without exception, the requirements for the major appropriate to the new degree (This requirement may be met by the major and minor of the curriculum for the first degree if appropriate to the second degree.); and 3) complete all Tennessee Board of Regents undergraduate degree requirements. A student pursuing a second bachelor's degree is subject to all departmental admission requirements and to all departmental and university graduation requirements. Application to enroll for a second bachelor's degree must be made through the Office of Admissions. Applications and all official transcripts must be submitted to the Office of Admissions by August 15th for fall semester and December 15th for spring semester.

Students who are pursuing a second bachelor's degree and would like to perform a change of major may do so by submitting a new application to the Office of Admissions (no additional fee required). A new second degree contract will be drawn up with the requirements to earn a second bachelor's degree with the new major.

Honor's Distinction

Baccalaureate degree candidates receive honors distinction, at graduation, based upon the cumulative college-level grade point average as indicated below:

Cum Laude	3.50	-	3.64
Magna Cum Laude	3.65	-	3.84
Summa Cum Laude	3.85	-	4.00

The grade point average used in conferring academic honor at graduation includes work at ETSU as well as all other college work attempted.

Notice of Intention to Graduate

Not later than the close of the first month of the senior year each candidate for a degree shall file a Notice of Intention to Graduate (application for degree) and approved major/minor sheets with the Office of the Registrar, Graduation Office.

All scholastic deficiencies shall be removed at least one week before the date on which the degree is to be conferred.

All fees and financial obligations shall be settled in full at least one week before the date on which the degree is to be conferred. Neither the diploma nor transcripts can be released until all accounts are cleared.

All candidates for degrees are encouraged to take advantage of the placement service in the Career Placement and Internship Services Office, located in Room 323, D.P. Culp Center.

Degrees are conferred three times a year, at the end of the fall, spring, and summer terms. Commencement ceremonies are held twice a year, at the end of the fall and spring terms. Summer degree recipients attend the fall ceremony.

Double Majors

Simultaneous Fulfillment of Requirements for Multiple Baccalaureate-Level Majors in a Single Degree Designation

A multiple major is the completion of two or more majors leading to the same degree designation (e.g., completion of a B.S. degree with majors in History and Political Science). A student may qualify for multiple majors by meeting the total requirements of each major. Consult the "Degree Programs, Majors and Concentrations" section found elsewhere in this catalog.

Double Degrees Simultaneous Fulfillment of Requirements for Multiple Degrees

A student may concurrently receive multiple undergraduate degrees at a single degree level by satisfying the total requirements for each degree (e.g., B.A., B.S., B.B.A., etc.) and major. Double majors are not required to have minors.

Fulfillment of Requirements for both TBR and the University of Tennessee System Institutions

The Tennessee General Assembly passed legislation mandating the transferability of 50 semester hours effective at all public institutions of higher education in Tennessee. A transfer track module that incorporates both the TBR and the University of Tennessee System minimum degree requirements consists of 60 semester hours in eight categories of courses and includes a provision to incorporate 12 to 15 semester hours of pre-major courses and/or electives. Completion of the module will permit students to transfer to any public institution of higher education in Tennessee.

Students transferring from other state public universities should consult the catalog from their home institution for a full list of courses satisfying each module.

Achievement Test Requirements

All students will be required to take one or more tests designed to measure General Education achievement and/or achievement in selected major areas as a prerequisite to graduation. In addition, students may be required to take other tests deemed necessary by the institution. The results of these tests will be used for evaluation of academic programs and student achievements. A commitment to performing well is expected.

Eligibility For Participation In Graduation Ceremonies

It is the policy of East Tennessee State University that only students who have completed their degree requirements participate in graduation ceremonies. There are two graduation ceremonies each year. May graduates attend the May ceremony. Students who finish requirements in any of the summer terms receive their diplomas in late August and are invited to attend the following December ceremony along with the December graduates.

General Education Requirements

Goals of General Education

East Tennessee State University's faculty and staff believe every student should experience certain benefits of an undergraduate education, regardless of his or her chosen field of study. ETSU's general education program aims to enable and encourage students to:

- apply the standards of reasoned argument to what they read and hear, write and say;
- engage in lifelong learning and personal growth;
- gain greater insight into their lives and the world in which they live;
- resolve conflicts nonviolently and solve problems creatively, often in collaboration with others;
- appreciate cultural diversity and respect people with viewpoints different from their own;
- be responsible, enlightened, active citizens in their communities and the world beyond their communities;
- find joy, meaning, and fulfillment in their lives and help others do the same.

To gain these benefits, students need a foundation of skills and knowledge which they can apply at work, in their personal lives, and in their communities. By successfully completing ETSU's general education requirements and other graduation requirements, students enhance their proficiency in reading, writing, oral communication, mathematics, and using information technology. They become acquainted with ideas, information, and modes of inquiry which they can draw upon in every area of their lives. In addition, students learn how to perceive relationships between different fields of study.

General Education Course Requirements

ETSU's general education requirements are described below. These requirements apply to all undergraduate students pursuing a baccalaureate degree. Many majors and degree programs require students to take specific courses to fulfill general education requirements. Students should consult the catalog and their advisors regarding specific general education requirements applicable to their majors and degree programs.

COMMUNICATION

9 credits, consisting of 6 credits of written composition and 3 credits of oral communication.

Written Composition. Complete both of the following:

ENGL	1010	Critical Reading and Expository Writing	3 credits
ENGL	1020	Critical Thinking and Argumentation	3 credits

Oral Communication. Complete one of the following:

SPCH	1300	General Speech	3 credits
SPCH	2300	Public Speaking	3 credits
SPCH	2320	Argumentation and Debate	3 credits

Note: Students eligible to enroll in ENGL 1010 must do so during their first term at ETSU. Students must earn a grade of "C" or better in ENGL 1010 and 1020. Students who take Developmental Studies Writing (DSPW) courses should enroll in ENGL 1010 the next term after completing DSPW 0800.

Note: When one of the oral communication courses listed above is completed to meet the general education core requirement, that course will **not** count toward ETSU's oral communication-intensive requirement. (See "Other Graduation Requirements," below.) Any **additional** course from this list that is completed will count toward the oral communication-intensive requirement.

HUMANITIES AND FINE ARTS

9 credits, consisting of 3 credits of literature, 3 credits of fine arts, and 3 credits of humanities electives.

Literature. Complete one of the following:

ENGL	2030	Literary Heritage	3 credits
ENGL	2110	American Literature I	3 credits
ENGL	2120	American Literature II	3 credits
ENGL	2210	British Literature I	3 credits
ENGL	2220	British Literature II	3 credits
ENGL	2330	World Literature	3 credits
ENGL	2430	European Literature	3 credits

Fine Arts. Complete one of the following:

ARTA	2128*	Artistic Experience II	3 credits
ARTH	2010	Art History Survey I	3 credits
ARTH	2020	Art History Survey II	3 credits
HUMT	2310	Arts and Ideas I	3 credits
HUMT	2320	Arts and Ideas II	3 credits
MUSC	1030	Introduction to Music	3 credits
MUSC	1035	History of Jazz	3 credits
DANC	3500	Dance as Human Experience	3 credits
THEA	1030	Introduction to Theatre	3 credits

Humanities Electives. Complete one of the following:

ENGL	3150	Literature, Ethics, and Values	3 credits
ENGL	3280	Mythology	3 credits
ENTC	3020	Technology and Society	3 credits
HIST	1110	World History and Civilization to 1500	3 credits
HIST	1120	World History and Civilization Since 1500	3 credits
PHIL	1030	Introduction to Philosophy	3 credits
PHIL	2020	Introduction to Ethics	3 credits
PHIL	2040	Philosophy as Conversation	3 credits
RELI	2210	Introduction to the Study of Religion	3 credits
PHIL	2640	Science and the Modern World	3 credits

SOCIAL AND BEHAVIORAL SCIENCES

6 credits, consisting of two of the following:

ANTH 1240	Introduction to Cultural Anthropology	3 credits	PSCI 1110	Political Life	3 credits
ECON 1050	Economics and Society or		PSCI 1120	Introduction to American Government	3 credits
ECON 2210	Principles of Economics I	3 credits	PSYC 1310	Introduction to Psychology	3 credits
GEOG 1012	Introduction to Cultural Geography	3 credits	SOCI 1020	Introduction to Sociology	3 credits
HDAL 2310	Developmental Lifespan Psychology	3 credits	SOCI 2020	Social Problems	3 credits
HDAL 2340	Cultural Diversity	3 credits	SRVL 1020	Introduction to Service-Learning	3 credits
			WMST 2010	Introduction to Women's Studies	3 credits

HISTORY

6 credits, consisting of both of the following:

HIST 2010	The United States to 1877	3 credits	HIST 2020	The United States Since 1877	3 credits
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Note: HIST 2030 History of Tennessee (3 credits) may be substituted for 3 credits of United States History.

NATURAL SCIENCES

8 credits, consisting of two of the following (required labs are shown with the lecture numbers):

ASTR 1010	Astronomy I	4 credits	PHYS 2010/11	General Physics I-Non-Calculus	4 credits
ASTR 1020	Astronomy II	4 credits	PHYS 2020/21	General Physics II-Non-Calculus	4 credits
ASTR 1035	Life in the Universe	4 credits	PHYS 2110	Technical Physics I -Calculus Based	5 credits
BIOL 1110/11	Biology for Science Majors I	4 credits	PHYS 2120	Technical Physics II -Calculus Based	5 credits
BIOL 1120/21	Biology for Science Majors II	4 credits			
BIOL 1130/31	Biology for Science Majors III	4 credits			
CHEM 1110/11	General Chemistry I	4 credits			
CHEM 1120/21	General Chemistry II	4 credits			
GEOG 1110	Earth Science: Weather and Climate	4 credits			
GEOG 1120	Earth Science: Landforms and Processes	4 credits			
GEOL 1040/41	Physical Geology	4 credits			
GEOL 1050	Historical Geology	4 credits			
HSCI 2010/11	Anatomy & Physiology I	4 credits			
HSCI 2020/21	Anatomy & Physiology II	4 credits			

Open to nonscience majors only:

BIOL 1010/11	Biology for Non-majors I	4 credits
BIOL 1020/21	Biology for Non-majors II	4 credits
BIOL 1310/11	Concepts in Biology	4 credits
CHEM 1000	Chemistry and Well Being	4 credits
CHEM 1030	Introduction to Chemistry Survey	4 credits
PHYS 1030	Introduction to Physics Survey	4 credits

MATHEMATICS

3-4 credits, consisting of one of the following:

MATH 1530	Probability and Statistics-Non-Calculus	3 credits
MATH 1840	Analytic Geometry and Differential Calculus ...	3 credits
MATH 1910	Calculus I	4 credits

Note: Students eligible to enroll in one of these math courses must do so during their first calendar year of enrollment or prior to accumulating 33 semester credits at ETSU. Students who take Developmental Studies Math (DSPM) courses should complete the general education math requirement after completing DSPM courses and must do so in the next calendar year or prior to accumulating 33 more semester credits at ETSU.

MATHEMATICS AND NATURAL SCIENCES

IBMS 1100	Integrative Biology and Statistics	6 credits	IBMS 1100	Integrative Biology and Statistics	6 credits
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Note: Completion of IBMS 1100 and 1200 satisfies both the Mathematics requirement and the Natural Sciences requirement. Students must complete the entire two-course sequence in order to fulfill the Mathematics and Natural Sciences blocks. Students who complete only one of the courses (not recommended) will be considered to have met four credit hours of the Natural Sciences requirement.

Transferring General Education Courses within the Tennessee Board of Regents System

All institutions in the Tennessee Board of Regents (TBR) System share a common general education core curriculum of forty-one (41) semester credits for baccalaureate degrees and the Associate of Arts and Associate mandated by Tennessee law. Students who plan to transfer to University of Tennessee System universities or to out-of-state or private universities should check requirements at those schools and take the appropriate courses.

- Upon completion of an A.A. or A.S. degree at a TBR institution, including completion of the U.S. History requirement mandated by state law, general education core requirements will be complete and all TBR institutions will recognize completions of these requirements in the transfer process.
- If an A.A. or A.S. is not obtained or if a student is pursuing a baccalaureate degree at a TBR university, transfer of completed general education requirements will be based upon completion of subject blocks. When a student completes a subject category requirement (e.g., if all eight credits in the category of Natural Sciences are complete), completion of that block will be recognized by all TBR institutions. When a student has taken courses that fulfill only part of a subject block requirement, the application of transferred courses to the receiving institution's general education requirements will be evaluated on a course-by-course basis.
- Some institutions or particular academic departments within institutions require a minimum grade of 'C' in certain general education courses. These minimum grade requirements will also apply to the transfer of general education courses. Even if transfer credit hours are granted for a course, any requirement for a minimum grade of 'C' by the receiving institution will be enforced.
- Certain majors require students to take particular courses to fulfill general education requirements. Students and their academic advisors should note any major-specific stipulations regarding fulfillment of general education requirements.

Other Graduation Requirements

ETSU students also meet graduation requirements designed to reinforce skills in oral communication, using information technology, and writing. These skills are essential for professional success, satisfying personal relationships, and civic engagement. These graduation requirements are as follows:

Using Information Technology

Students must demonstrate a working knowledge of word-processing, spreadsheets, electronic communication, and online searches during their first calendar year of enrollment or prior to accumulating 33 semester credits at ETSU. This requirement may be met by passing the UIT proficiency exam or by successfully completing CSCI 1100, Using Information Technology. Students may register to take the UIT proficiency exam by going to <http://www.etsu.edu/uit> or by calling the Using Information Technology Office at 423-439-6964. Registration for summer proficiency testing begins the first week in May.

Proficiency-Intensive Course Requirements

Oral communication, information technology, and writing skills are essential for success on the job and in our personal lives. To help build these skills throughout the college years, ETSU requires all students to meet "proficiency-intensive" requirements. These requirements do not necessarily add course hours to a student's program of study, but typically are met by courses being taken for the major or general education or as electives. Certain courses within every major, as well as selected courses in the general education core, are declared oral communication-intensive, using information technology-intensive, or writing-intensive. These courses offer students the opportunity to practice the identified skills while learning the subject matter of the course. ETSU's proficiency-intensive courses are indicated in the Schedule of Classes each term. ETSU's proficiency-intensive requirements do not apply to students pursuing second baccalaureate degrees.

Students must meet proficiency-intensive requirements through courses taken at ETSU. Faculty committees at ETSU review and monitor all proficiency-intensive courses to make sure they meet several criteria. Because courses from other institutions cannot be evaluated and monitored in this way, transfer courses do not satisfy ETSU's proficiency-intensive requirements.

Oral Communication-Intensive Courses

Students must complete a minimum of two oral communication-intensive (ICOM) courses. At least **one** of these courses must be in the student's major or minor.*

Using Information Technology-Intensive Courses

Students must complete a minimum of one using information technology-intensive (ITEC) course in the student's major or minor.*

Writing-Intensive Courses

Students must complete a minimum of four writing-intensive (IWRT) courses. At least **two** of these courses must be in the student's major or minor.* At least **two** of the four courses must be at the 3000-4000 level.

* (NOTE: Any course taken in the department in which a student is majoring counts as in the major. If a student changes majors, proficiency-intensive courses in the old major still count as in the major.)

Reduced Proficiency-Intensive Requirements

The following categories of students are required to take **one** oral communication-intensive course, **one** using information technology-intensive course, and **two** writing-intensive courses:

- students with associate degrees or who complete such degrees after entering ETSU;
- transfer students with 50 or more transferable semester credits upon entering ETSU; and
- readmission students who earned at least 50 credits at ETSU before 1995 or who re-enter ETSU with at least 50 transferable semester credits or who have a combination of at least 50 credits in both categories upon first re-entry to the university.

Reading

Students who are required to take the COMPASS test and who are assessed as being deficient in reading must complete DSPR 0800 prior to accumulating 33 semester credits at ETSU.

GRADUATION PROCEDURES

1. Not later than the close of the first month of the senior year, each candidate for a degree must file a Notice of Intention to Graduate (application for degree), and approved major/minor sheets with the Office of the Registrar, Graduation Section.
2. All scholastic deficiencies must be removed at least one week before the date on which the degree is to be conferred.
3. All fees and financial obligations must be settled in full at least one week before the date on which the degree is to be conferred. Neither the diploma nor transcripts can be released until all accounts are cleared. Additional information is available at www.etsu.edu/reg/graduation.
4. All candidates for degrees are encouraged to take advantage of the placement service in the Office of Career Placement and Internship Services, located in the D.P. Culp University Center.
5. Degrees are conferred three times a year, at the end of the fall, spring, and summer terms.

Eligibility for Participation in Graduation Ceremonies

It is the policy of East Tennessee State University that only students who have completed their degree requirements participate in graduation ceremonies. There are two graduation ceremonies each year. May graduates attend the May ceremony. Students who finish requirements in any of the summer terms receive their diplomas in late August and are invited to attend the following December ceremony along with the December graduates.

Graduating with Honors

Baccalaureate degree candidates receive honors distinction at graduation based upon the cumulative, college-level grade point average, as follows:

Cum Laude	3.50 - 3.64
Magna Cum Laude	3.65 - 3.84
Summa Cum Laude	3.85 - 4.00

The grade point average used in conferring academic honor at graduation includes work at this university as well as all other college work attempted.

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

Asterisk beside concentration name denotes ETSU Education Licensure Concentration
SBS at the end of a concentration name indicates a Social and Behavioral Sciences Concentration

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	MAJOR & CON	CODES	
				DEPT	COL- LEGE
ACCOUNTING	Bachelor of Business Administration (B.B.A.)	<u>Accounting</u>	<u>ACCT</u>	ACCT	BT
	Master of Accountancy (M.ACC)	<u>Accounting – Master's</u>	<u>MACC</u>		
ADVANCED STUDIES IN TEACHING AND LEARNING	Master of Education (M.Ed.)	<u>Advanced Studies in Teaching and Learning</u>	<u>ASTL</u>	ROED (CUAI)	ROD (ED)
		Early and Middle Childhood/Literacy: Reading-Language Arts	EMCL		
ALLIED HEALTH	Bachelor of Applied Science (B.S.)	<u>Allied Health - BS</u>	<u>ALHE</u>	ALSC	CR
		Allied Health Leadership Radiography	AHLD RADG		
		Cardiopulmonary Science Nutrition and Foods	CPSC NTFD		
	Master of Science in Allied Health (M.S.A.H.)	<u>Allied Health - MSAH</u>	<u>ALHE</u>		
APPLIED SCIENCE	Bachelor of Arts (B.A.S.)	<u>Applied Science</u>	<u>APLS</u>	CDST	CS
		Professional Development	PROF		
ARCHIVAL STUDIES	Graduate Certificate (C4)	<u>Archival Studies</u>	<u>ASGC</u>	CDST	CS
ART	Bachelor of Arts (B.A.)	<u>Art - BA</u>	<u>ARTA</u>	ARTA	AS
		Art History	ARTH		
		Studio Art - BA	STUO		
	Bachelor of Fine Arts (B.F.A.)	<u>Art - BFA</u>	<u>ARTA</u>		
		Studio Art - BFA	STUO		
	Master of Arts (M.A.)	<u>Art - Master's</u>	<u>ARTA</u>		
		Art History	ARTH		
Studio Art - MA		STUO			
Master of Fine Arts (M.F.A.)	<u>Art - MFA</u>	<u>ARTA</u>			
	Studio Art - MFA	STUO			
AUDIOLOGY	Doctor of Audiology (Au.D.)	<u>Audiology</u>	<u>AUDI</u>	ASLP	CR
BIOLOGY	Bachelor of Science (B.S.)	Biology	BIOL	BISC	AS
		Microbiology	MBIO		
		Paleontology	PALE		
		Biochemistry	BIOC		
		*Biology Education 7-12	EDUB		
	Master of Science (M.S.)	<u>Biology – Master's</u>	<u>BIOL</u>		
		Biology	BIOL		
	Microbiology	MICR			
	Paleontology	PALE			
BIOMEDICAL SCIENCES	Doctor of Philosophy (Ph.D.)	<u>Biomedical Sciences</u>	<u>BMED</u>	BMED	ME
		Anatomy	ANAT		
		Biochemistry	BIOC		
		Microbiology	MICR		
		Pharmacology	PHAR		
		Physiology	PHSY		
BIOSTATISTICS	Graduate Certificate (C4)	<u>Biostatistics</u>	<u>BISS</u>	PUBH	PU
BUSINESS ADMINISTRATION Interdepartmental	Master of Business Administration (B.B.A.)	<u>Master of Business Administration</u>	<u>BAMN</u>	MGMK	BT
	Graduate Certificate (C4)	<u>Business Administration Certificate</u>	<u>BAMN</u>		
CHEMISTRY	Bachelor of Science (B.S.)	<u>Chemistry</u>	<u>CHEM</u>	CHEM	AS
		ACS Chemistry	CACS		
		Biochemistry	BOCC		
		Chemistry	CHEM		
		Chemistry Professional	CPRO		
		*Chemistry Education 7-12	ECHM		
		*Chemistry Education 7-12/SBS	CHEB		
		Chemical Physics	CHEP		
	Master of Science (M.S.)	<u>Chemistry – Master's</u>	<u>CHEM</u>		

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	MAJOR & CON	CODES	
				DEPT	COL- LEGE
CLINICAL NUTRITION	Master of Science (M.S.)	<u>Clinical Nutrition</u>	CLNU	ALSC	CR
CLINICAL PSYCHOLOGY	Doctor of Philosophy (Ph.D.)	<u>Clinical Psychology</u>	PHDC	PSYC	AS
COMPUTING	Bachelor of Science (B.S.)	<u>Computing</u> Computer Science Information Systems Science Information Technology	CISC CSCI INSS ITEC	CSCI	BT
	Master of Science (M.S.)	<u>Computer and Information Sciences</u> Applied Computer Science Information Technology	CSCI ACSI ITEC		
COUNSELING	Master of Arts (M.A.)	<u>Counseling</u> Community Agency Counseling Counseling: Higher Education Elementary & Secondary School Counseling Marriage & Family Therapy	CNSL CACL CSLH SCHL MFAM	HDAL	ED
		<u>Criminal Justice</u>	CJCR	CJCR	AS
		<u>Criminal Justice</u>	CJCR		
		<u>Criminal Justice/SBS</u>	CJCB		
		<u>Criminal Justice - Master's</u>	CJCR		
DENTAL HYGIENE	Master of Arts (M.A.)				
	Bachelor of Science in Dental Hygiene (B.S.D.H.)	<u>Dental Hygiene</u>	DHYG	ALSC	CR
DIGITAL MEDIA	Bachelor of Science (B.S.)	<u>Digital Media</u> Digital Animation Digital Interaction Digital Visualization Production Design	DIGM ANIM INTN VISU PROD	TECG	BT
		<u>E-Business</u>	EBUS	CSCI	BT
		<u>Early Childhood Education</u> Early Childhood (Master Teacher) Early Childhood (Researcher/Thesis) Early Childhood (Initial Licensure)	ECED MTEA RSEA INIL	HDAL	ED
		<u>Early Childhood Development</u> Early Childhood Development Pre-K-3	ECDV ECDF	HDAL	ED
E-BUSINESS Interdepartmental	Graduate Certificate (C4)	<u>E-Business</u>	EBUS	CSCI	BT
EARLY CHILDHOOD EDUCATION	Master of Arts (M.A.)	<u>Early Childhood Education</u> Early Childhood (Master Teacher) Early Childhood (Researcher/Thesis) Early Childhood (Initial Licensure)	ECED MTEA RSEA INIL	HDAL	ED
		<u>Early Childhood Development</u> Early Childhood Development Pre-K-3	ECDV ECDF	HDAL	ED
		<u>Economic Development</u>	EDEV	PSCI	AS
		<u>Economics - Arts & Sciences</u> *Economics Education 7-12 International Commerce	EOCA EECN INTC	EFUS	BT
ECONOMICS	Bachelor of Arts (B.A.)	<u>Economics - Arts & Sciences</u> *Economics Education 7-12 International Commerce	EOCA EECN INTC	EFUS	BT
ECONOMICS	Bachelor of Business Administration (B.B.A.)	<u>Economics</u> Business Economics General Business	ECON BUEC GNBU	EFUS	BT
		<u>Educational Leadership - MED</u> *Administrative Endorsement - MED	EDLR AMNM	ELPA	ED
		<u>Educational Leadership - EDS</u> Administrative Endorsement - EdS Counselor Leadership School System Leadership Teacher Leadership	EDLR AMNM CLDR SCSL TCHL		
		<u>Educational Leadership - EDD</u> School Leadership Classroom Leadership Postsecondary and Private Sector Leadership Administrative Endorsement - EDD	EDLR SCOL CLSL PPSL AMNM	ELPA	ED
		<u>Educational Leadership - EDD</u> School Leadership Classroom Leadership Postsecondary and Private Sector Leadership Administrative Endorsement - EDD	EDLR SCOL CLSL PPSL AMNM	ELPA	ED
EDUCATIONAL LEADERSHIP (con't.)	Doctor of Education (Ed.D.)	<u>Educational Leadership - EDD</u> School Leadership Classroom Leadership Postsecondary and Private Sector Leadership Administrative Endorsement - EDD	EDLR SCOL CLSL PPSL AMNM	ELPA	ED

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	CODES		
			MAJOR & CON	DEPT	COL- LEGE
EDUCATIONAL MEDIA AND EDUCATIONAL TECHNOLOGY	Master of Education (M.Ed.)	<u>Educational Media and Educational Technology</u> School Library Media Educational Communications and Technology	<u>EDMT</u> <u>SLIB</u>	CUAI	ED
	Graduate Certificate (C4)	School Library Professional	<u>EDCT</u>	MEDA	ED
ENGLISH	Bachelor of Arts (B.A.)	<u>English</u> *English Education 7-12	<u>ENGL</u> <u>EDUE</u>	ENGL	AS
	Master of Arts (M.A.)	<u>English - Master's</u>	<u>ENGL</u>		
ELEMENTARY EDUCATION	Master of Education (M.Ed.)	<u>Elementary Education - Master's</u>	<u>EEDM</u>	CUAI	ED
	Master of Arts in Teaching (M.A.T.)	<u>Elementary Education - MAT</u>	<u>EEDM</u>		
EMERGING TECHNOLOGIES	Graduate Certificate (C4)	<u>Emerging Technologies</u>	<u>ETCG</u>	CSCI	BT
ENGINEERING TECHNOLOGY	Bachelor of Science (B.S.)	<u>Engineering Technology (4 yr.)</u>	<u>ENTC</u>	TECG	BT
		Biomedical Engineering Technology	<u>BIOM</u>		
		Construction Technology	<u>CONS</u>		
		Electronics Engineering Technology	<u>ELEC</u>		
		Manufacturing Engineering Technology	<u>MANU</u>		
		Industrial Technology	<u>INDU</u>		
		Product Development	<u>PDEV</u>		
ENTREPRENEURIAL LEADERSHIP Interdepartmental	Graduate Certificate (C4)	<u>Entrepreneurial Leadership</u>	<u>EPRL</u>	MGMK	BT
ENVIRONMENTAL HEALTH	Bachelor of Science in Environmental Health (B.S.E.H.)	<u>Environmental Health</u> Environmental Health Practices Occupational Health & Safety	<u>ENVH</u> <u>ENVI</u> <u>OCCU</u>	ENVH	PU
		<u>Environmental Health - MSEH</u> Administrative Program Specialist Program	<u>ENVH</u> <u>ADMP</u> <u>SPEC</u>		
	Doctor of Philosophy (Ph.D.)	<u>Environmental Health - Doctorate</u>	<u>ENVH</u>		
	Graduate Certificate (C4)	<u>Epidemiology</u>	<u>EPID</u>	PUBH	PU
EPIDEMIOLOGY FAMILY NURSE PRACTITIONER	Graduate Certificate (C4)	<u>Family Nurse Practitioner</u>	<u>FNPR</u> <u>(NURS)</u>	RONU (NU)	ROD
FINANCE	Bachelor of Business Administration (B.B.A.)	<u>Finance</u>	<u>FNCE</u>	EFUS	BT
		Corporate Finance & Investments	<u>CFIN</u>		
		Banking Real Estate	<u>BANK</u> <u>REAL</u>		
FOREIGN LANGUAGES	Bachelor of Arts (B.A.)	<u>Foreign Languages</u>	<u>LANG</u>	LANG	AS
		French	<u>FREN</u>		
		German	<u>GERM</u>		
		Spanish	<u>SPAN</u>		
		*French Education 7-12	<u>EDUF</u>		
		*German Education 7-12	<u>EDUG</u>		
		*Spanish Education 7-12	<u>EDUS</u>		
FOREIGN LANGUAGES	Bachelor of Arts (B.A.)	<u>Foreign Languages</u>	<u>LANG</u>	LANG	AS
		French	<u>FREN</u>		
		German	<u>GERM</u>		
		Spanish	<u>SPAN</u>		
		*French Education 7-12	<u>EDUF</u>		
		*German Education 7-12	<u>EDUG</u>		
		*Spanish Education 7-12	<u>EDUS</u>		
GENERAL STUDIES	Bachelor of General Studies (B.G.S.)	<u>General Studies</u>	<u>BGSD</u>	CDST	CS
GEOGRAPHY	Bachelor of Science (B.S.)	<u>Geography</u>	<u>GEOG</u>	GEOS	AS
		Geography	<u>GEOG</u>		
		*Geography Education 7-12	<u>EDGE</u>		
GEOLOGY	Bachelor of Science (B.S.)	<u>Geology</u>	<u>GLGY</u>	GEOS	AS

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	CODES		
			MAJOR & CON	DEPT	COL- LEGE
GERONTOLOGY	Graduate Certificate (C4)	<u>Gerontology</u>	<u>GERN</u>	PUBH	PU
HEALTH CARE MANAGEMENT Interdisciplinary	Graduate Certificate (C4)	<u>Health Care Management</u>	<u>HCMC</u>		
		HCM - Business (ETSU)	HCMB	MGMT	BT
		HCM - Nursing (ETSU)	HCMN	NURS	NU
		HCM - Public Health (ETSU)	HCMP	PUBH	PA
HEALTH SCIENCES	Bachelor of Science (B.S.)	<u>Health Sciences</u>	<u>HESC</u>	HSCI	PU
		Microbiology	MBHS		
		Human Health	HUHE		
HISTORY	Bachelor of Arts (B.A.)	<u>History</u>	<u>HIST</u>	HIST	AS
	Bachelor of Science (B.S.)	*History Education 7-12	EDUH		
		<u>History</u>	<u>HIST</u>		
		*History Education 7-12	EDUH		
	Master of Arts (M.A.)	*History Education 7-12/SBS	EDHB		
		History/SBS	HISB		
	<u>History - Master's</u>	<u>HIST</u>			
HUMAN SERVICES	Bachelor of Science (B.S.)	<u>Human Services</u>	<u>HSER</u>	HDAL	ED
INTERDISCIPLINARY STUDIES (Elementary Education)	Bachelor of Science in Education (B.S.Ed.)	<u>Interdisciplinary Studies - Elem Ed</u>	<u>ISED</u>	CUAI	ED
		<u>Pre-Education</u>	<u>PRED</u>		
	No Degree	Interdisciplinary Studies	ISED		
		Special Education	SPED		
		Early Childhood Development	ECDV		
		Physical Education	PEDU		
INTERDISCIPLINARY STUDIES	Bachelor of Science (B.S.)	<u>Interdisciplinary Studies</u>	<u>BSIS</u> (CDST)	RODP (CS)	ROD
INTERIOR DESIGN	Bachelor of Science (B.S.)	Interior Design	INTD	TECG	BT
KINESIOLOGY AND SPORT SCIENCES	Master of Arts (M.A.)	<u>Kinesiology and Sport Sciences</u>	<u>KSPS</u>	KLSS	ED
		Exercise Physiology and Performance	EXSP		
		Physical Education K-12	PEED		
		Sport Management	SPRT		
LIBERAL STUDIES	Master of Arts in Liberal Studies (M.A.L.S.)	<u>Liberal Studies</u>	<u>MALS</u>	CDST	CS
MANAGEMENT	Bachelor of Business Administration (B.B.A.)	Archival Studies	ARCH		
		<u>Management</u>	<u>MGMT</u>	MGMK	BT
		Legal Studies	LEGS		
		Logistics/Supply Chain Management	LSCM		
		Human Resources Management	HRMG		
General Management	GMGT				
MANAGEMENT (cont.)	No Degree	<u>Pre-Business</u>	<u>PBUS</u>		
MARKETING	Bachelor of Business Administration (B.B.A.)	Accounting	ACCT		
		Economics	ECON		
		Finance	FNCE		
		Management	MGMT		
		Marketing	MKTG		
		<u>Marketing</u>	<u>MKTG</u>	MGMK	BT
Integrated Marketing Communications	IMCO				
Marketing Management	MKMG				
Merchandising	MDSE				

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	MAJOR & CON	CODES	
				DEPT	COL- LEGE
MASS COMMUNICATIONS	Bachelor of Arts (B.A.)	<u>Mass Communications</u> Advertising Broadcasting Journalism Public Relations	<u>MCOM</u> ADVR BROA JOUR PUBL	COMM	AS
	Bachelor of Science (B.S.)	<u>Mass Communications</u> Advertising Broadcasting Journalism Public Relations Advertising/SBS Broadcasting/SBS Journalism/SBS Public Relations/SBS	<u>MCOM</u> ADVR BROA JOUR PUBL ADVB BROB JOUB PUBB		
MATHEMATICS	Bachelor of Science (B.S.)	<u>Mathematics</u>	<u>MATH</u>	MATH	AS
		*Mathematics Education 7-12	EDUM		
		*Mathematics Education 7-12/SBS	EDMB		
		Mathematics/SBS	MATB		
MATHEMATICAL SCIENCES	Master of Science (M.S.)	<u>Mathematical Sciences</u>	<u>MASC</u>	MATH	AS
		PreCollegiate Mathematics	MTHP		
MEDICINE	Doctor of Medicine (M.D.)	(See College of Medicine Catalog)			
MUSIC	Bachelor of Music (B.M.)	<u>Music - BM</u>	<u>MUSC</u>	MUSC	AS
		Music Education Performance	MUSE PERF		
NURSING	No Degree	<u>Nursing Baccalaureate - Pre</u>	<u>PBSN</u>	NURS	NU
	Bachelor of Science (B.S.N.)	<u>Nursing Baccalaureate</u>	<u>NURB</u>	NURS	NU
	Master of Science in Nursing (M.S.N.)	<u>Nursing - Master's</u>	<u>NURM</u>		
	Master of Science in Nursing (M.S.N.)	Nursing	<u>RMSN</u>	RONU	ROD
		Advanced Practice	NADV	(NURS)	(NU)
		Nursing Administration	NADM		
		Nursing Education	NEDU		
		Nursing Informatics	NINF		
Doctor of Nursing (D.S.N.)	<u>Nursing - Doctorate</u>	<u>NDSN</u>	NURS	NU	
NURSING - ADVANCED NURSING PRACTICE	Graduate Certificate (C4)	<u>Advanced Nursing Practice</u>	<u>NUMC</u>	NURS	NU
PHARMACY (See College of Pharmacy Catalog)	Doctor of Pharmacy (Pharm.D.)	<u>Pharmacy</u>	<u>PMCY</u>		PH
PHILOSOPHY	Bachelor of Arts (B.A.)	<u>Philosophy</u> Philosophy Philosophy and Religious Studies	<u>PHIL</u> PHIL RELI	PHAH	AS
	Bachelor of Science (B.S.)	<u>Philosophy</u> Philosophy Philosophy and Religious Studies Philosophy/SBS Philosophy and Religious Studies/SBS	<u>PHIL</u> PHIL RELI PHIB RELB		
PHYSICAL EDUCATION	Bachelor of Science (B.S.)	<u>Physical Education</u> Physical Education Exercise Science	<u>PEDU</u> PEED K-12 EXER	KLSS	ED
	Doctor of Philosophy (Ph.D.)	<u>Sport Physiology and Performance</u> Sport Physiology Sport Performance	<u>SALM</u> SPPY SPPE	SALM	ED
PHYSICAL THERAPY	Doctor of Physical Therapy (D.P.T.)	<u>Physical Therapy - DPT</u>	<u>DPTH</u>	PHYT	CR

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	CODES		COL- LEGE
			MAJOR & CON	DEPT	
PHYSICS	Bachelor of Science (B.S.)	<u>Physics</u>	PHSY	PHYS	AS
		*Earth Science Education 7-12	EDGL		
		Physics/SBS	PHYB		
		*Physics Education 7-12	EDPH		
POLITICAL SCIENCE	Bachelor of Arts (B.A.)	<u>Political Science</u>	PSCI	PSCI	AS
		*Government Education 7-12	EDPS		
		International Affairs	ITAF		
	Bachelor of Science (B.S.)	<u>Political Science</u>	PSCI		
		*Government Education 7-12	EDPS		
		*Government Education 7-12/SBS	EPSB		
PROFESSIONAL COMMUNICATION	Master of Arts (M.A.)	<u>Professional Communication</u>	PCOM	COMM	AS
PROFESSIONAL STUDIES	Bachelor of Science (B.S.)	<u>Professional Studies</u>	PROS	CDST	ROD
		Information Technology	INFT	(CDST)	(CS)
	Master of Professional Studies (M.P.S.)	<u>Professional Studies - MPS</u>	PROS	ROCS	ROD
		Strategic Leadership Training and Development	MPSL	(CDST)	(CS)
PSYCHOLOGY	Bachelor of Arts (B.A.)	<u>Psychology</u>	PSYC	PSYC	AS
		Behavioral Neuroscience	NEUR		
		Child Psychology	CHLD		
		Clinical Psychology	CLIN		
		Cognitive Science	COGN		
		General Psychology	PSYG		
		*Psychology Education 7-12	EDPY		
	Bachelor of Science (B.S.)	<u>Psychology</u>	PSYC		
		Behavioral Neuroscience	NEUR		
		Child Psychology	CHLD		
		Clinical Psychology	CLIN		
		Cognitive Science	COGN		
		General Psychology	PSYG		
		Behavioral Neuroscience / SBS	NEUS		
		Child Psychology / SBS	CHLS		
		Clinical Psychology / SBS	CLIS		
		*Psychology Education 7-12	EDPY		
*Psychology Education 7-12/SBS	EDYB				
Master of Arts (M.A.)	Psychology/SBS	PSYB			
	<u>Psychology - Master's</u>	PSYC			
	Clinical Psychology	CLIN			
Doctor of Philosophy (Ph.D.)	General Psychology	PSYG			
	Clinical Psychology	CLIN			
PUBLIC ADMINISTRATION	Master of City Management (M.C.M.)	<u>Public Administration - MCM</u> City Management	MCMP CMGT	PSCI	AS
PUBLIC ADMINISTRATION (cont.)	Master of Public Administration (M.P.A.)	<u>Public Administration – MPA</u>	PADM	EFUS	
		Not-for-Profit Administration	NFPA		
		Planning and Development	PLDV		
	Master of Public Administration (M.P.A.)	<u>Public Administration – MPA</u>	PADM	EFUS	
		Not-for-Profit Administration	NFPA		
		Planning and Development	PLDV		
PUBLIC HEALTH	Bachelor of Science (B.S.)	<u>Public Health - BS</u>	PUBH	PUBH	PU
		Community Health Health Administration	COMM ADMH		

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	CODES		
			MAJOR & CON	DEPT	COL- LEGE
PUBLIC HEALTH (cont.)	Master of Public Health (M.P.H.)	<u>Public Health - MPH</u> Biostatistics Community Health Epidemiology Environmental Health Public Health Administration	PUBH BIOS COMM PHEP ENVI PHAD		
	Doctor of Public Health (DrPH)	<u>Public Health - Doctorate</u> Community Health Epidemiology	PUBH COMM PHEP		
READING	Master of Arts (M.A.)	<u>Reading</u> Reading Education Storytelling	READ REDU STRY	CUAI	ED
SECONDARY EDUCATION	Master of Education (M.Ed.)	<u>Secondary Education</u> Classroom Technology	SMED CTEC	CUAI	ED
SPECIAL EDUCATION	Bachelor of Science (B.S.)	<u>Special Education</u> Modified Special Education	SPED SEMD	HDAL	ED
	Master of Education (M.Ed.)	<u>Special Education - Master's</u> Advanced Practitioner Early Childhood Special Education Special Education – MED	SPED SEAP SEEC SPED		
SPEECH	Bachelor of Arts (B.A.)	<u>Speech</u> Speech *Speech Communication 7-12	SPCH SPCH EDSP	COMM	AS
	Bachelor of Science (B.S.)	<u>Speech</u> Speech Theatre Speech/SBS *Speech Communication 7-12 *Theatre Education K-12 *Speech Communication 7-12 / SBS *Theatre Education K-12 / SBS	SPCH SPCH THEA SPCB EDSP EDTH EDSB EDTB		
SPEECH-LANGUAGE PATHOLOGY	Master of Science (M.S.)	<u>Speech-Language Pathology</u> Speech Pathology *Special Education Speech Path Pre-K-12	ASLP SPCH ECDS	ASLP	CR
SPORT AND LEISURE MANAGEMENT	<u>Bachelor of Science (B.S.)</u>	<u>Sport and Leisure Management</u> Park and Recreation Management Sport Management	SALM PARM SPMT	PEXS	ED
SOCIAL WORK	Bachelor of Science in Social Work (B.S.W.)	<u>Social Work</u> *School Social Worker *School Social Worker / SBS	SOWK EDSW ESWB	SOWK	AS
	Master of Science in Social Work (M.S.W.)	<u>Social Work – Master's</u> Advanced Standing Traditional Entry	SOWK AMSW TMSW		
SOCIOLOGY	Bachelor of Arts (B.A.)	<u>Sociology</u> *Sociology Education 7-12	SOCI EDSO	SOAA	AS
	Bachelor of Science (B.S.)	<u>Sociology</u> *Sociology Education 7-12 *Sociology Education 7-12 / SBS Sociology / SBS	SOCI EDSO ESCB SOCB		
	Master of Arts (M.A.)	<u>Sociology - Master's</u> Applied Sociology General Sociology	SOCI APPL SOCG		
SURVEYING AND MAPPING SCIENCE	Bachelor of Science (B.S.)	<u>Surveying and Mapping Science</u>	SUVM	TECG	BT

DEGREE PROGRAM MAJORS AND CONCENTRATIONS

MAJOR	DEGREE	ETSU MAJOR NAME CONCENTRATION (CON) NAME	MAJOR & CON	CODES	
				DEPT	COL- LEGE
TEACHER EDUCATION WITH MULTIPLE LEVELS	Master of Arts in Teaching (M.A.T.)	Elementary Education K-6	TEML	CUAI	ED
		Middle Grades Education 4-8	ELED		
		Secondary Education K-12	MDED		
			SCED		
TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES	Graduate Certificate (C4)	<u>Teaching English to Speakers of Other Languages</u>	TESO	LANG	AS
TECHNOLOGY	Master of Science (M.S.)	<u>Technology - Master's</u> Digital Media Engineering Technology	TECM DMMS ENGT	TECG	BT
THEATRE	Bachelor of Arts (B.A.)	<u>Theatre</u> *Theatre Education K-12	THEA EDTH	COMM	AS
URBAN PLANNING	Graduate Certificate (C4)	<u>Urban Planning</u>	URPL	EFUS	BT
WOMEN'S STUDIES	Bachelor of Arts (B.A.)	<u>Women's Studies</u>	WMST	ENGL	AS

PRE-PROFESSIONAL PROGRAMS

No Degree Given, Must Select a Degree Program from Above List Of Majors

Pre-Chiropractic Medicine	PCHI	HSCI	AS	Pre-Osteopathic Medicine	PMED	HSCI	AS
Pre-Dentistry	PDEN	ALSC	CR	Pre-Pharmacy	PPHY	CHEM	AS
Pre-Engineering	PENG	TECH	BT	Pre-Physicians Assistant	PPAS	HSCI	AS
Pre-Law	PLAW	PSCI	AS	Pre-Physical Therapy	PRPT	PHYT	CR
Pre-Medicine	PMED	PHYS	AS	Pre-Podiatry	PPOD	HSCI	AS
Pre-Occupational Therapy	PROT	PHYT	CR	Pre-Veterinary Medicine	PVET	PHYS	AS
Pre-Optometry	POPT	PHYS	AS				

ACADEMIC MINORS

Accountancy	ACCT	BT	Human Development and Learning	HDAL	ED
African/African-American Studies	AFAM	AS	Humanities	HUMT	AS
Anthropology	ANTH	AS	Information Technology	ITEC	BT
Appalachian Studies	APST	AS	International Studies	INTL	AS
Applied Spanish	SPNA	AS	Interior Design	INTD	BT
Art	ARTA	AS	Japanese	JAPA	AS
Biology	BIOL	AS	Journalism	JOUR	AS
Bluegrass, Old Time, and Country Music	BLUE	AS	Leadership Studies	LDRS	ED
Chemistry	CHEM	AS	Legal Studies	LGST	AS
China Studies	CHST	AS	Leisure Services	RECR	ED
Coaching	COCH	ED	Management	MGMT	BT
Communicative Disorders	CDIS	CR	Marketing	MKTG	BT
Computer/Information Science	CSCI	BT	Mathematics	MATH	AS
Criminal Justice	CJCR	AS	Microbiology	MBIO	AS
Digital Media	DIGM	BT	Military Science	MSCI	BT
Early Childhood Development	ECED	ED	Music	MUSC	AS
Economics	ECON	BT	Nutrition and Foods	NTFD	CR
Emergency/Disaster Response Management	EDRM	PU	Park and Recreation Management	PARM	ED
English	ENGL	AS	Physics	PHYS	AS
Engineering Technology	TECH	BT	Political Science	PSCI	AS
Environmental Health	ENVH	PU	Psychology	PSYC	AS
Environmental Studies	ENVS	AS	Public Health	PUBH	PU
Exercise Science	EXER	ED	Public Administration	PMGT	AS
Film Studies	FILM	AS	Safety	SFTY	PU
Finance	FNCE	BT	Sociology	SOCI	AS
French	FREN	AS	Social Work	SOWK	AS
Food Service Management	FSVM	BT	Spanish	SPAN	AS
General Business	GBUS	BT	Speech	SPCH	AS
Geographic Information Services	GEIS	BT	Special Education Non-Teaching	SPNT	ED
Geography	GEOG	AS	Sport Management	SMGT	ED
Geology	GEOL	AS	Teacher Education	TEDU	ED
German	GERM	AS	Technical Writing	TECW	AS
Health Sciences	HSCI	PU	Theatre	THEA	AS
History	HIST	AS	Women's Studies	WMST	AS

Academic Honors Programs The Honors College

The mission of the Honors College at East Tennessee State University is to provide access to honors-distinctive academic, creative, and enrichment opportunities for a broad spectrum of qualified students and to provide recognition for undergraduate students who excel in distinct areas of academic achievement. The college promotes and supports ambitious academic goals for talented and motivated undergraduate students as well as innovative teaching, mentoring, and scholarship by our faculty. In addition, the college sponsors activities, events, and programs designed to enhance the collective cultural and intellectual environment and foster a more global perspective within the university community.

For more information, visit our web site (<http://www.etsu.edu/honors>), contact us at The Honors College, PO Box 70589, ETSU, Johnson City, TN 37614; (423) 439-6076; or email the dean, Dr. Rebecca Pyles (pylesr@etsu.edu).

Opportunities for All Undergraduates

In addition to formal honors programs, the Honors College at ETSU offers opportunities for all undergraduates to pursue undergraduate research and creative projects and to participate in national exchanges or international education through study abroad and exchange experiences. Grants, fellowships, and travel awards to participate in professional conferences are available to support undergraduate research; for more information, please visit our web site (<http://www.etsu.edu/honors/research>). A wide diversity of exchange and study abroad opportunities are available through our Office of International Programs and Services. ETSU currently offers formal exchange programs with 17 countries (Brazil, China, Ecuador, England, France, Germany, Hungary, Ireland, Japan, Korea, Netherlands, Norway, Poland, Russia, Scotland, Spain, and Sweden) and our consortium memberships provide access to programs in more than 35 countries (<http://www.etsu.edu/honors/international>).

Academic Honors Programs

Academic Honors Programs offered at ETSU include:

- University Honors Scholars Program
- Fine and Performing Arts Scholars Program
- Midway Scholars Program (for transfer students)
- Honors-in-Discipline Programs, identified by major field of interest

The various formal Honors Programs at ETSU are designed to provide unique educational opportunities for academically and artistically talented students. Our goals focus on recruiting exceptional students, nurturing their intellectual growth through challenging curricula, promoting their commitment to lifelong learning and service, and instilling the desire to advance knowledge in their chosen fields. Honors programs enlist exceptional faculty, who are provided opportunities to promote innovative and creative approaches to teaching and one-on-one mentoring in their classrooms and laboratories. All honors programs require completion of an honors thesis, representing a major research or creative project accomplished in collaboration with faculty mentors.

Honors scholars attend special workshops on campus resources, study abroad and exchange programs, fellowship and other award opportunities, and graduate or professional school application procedures. Students are encouraged to participate with their colleagues in the Honors College Student Council and as active members of student organizations across campus. Through our institutional membership in the National Collegiate Honors Council, ETSU honors scholars are provided access to state, regional, and national council positions. Graduates from honors programs receive special regalia and designations on transcripts and diplomas.

All honors programs provide out-of-state tuition scholarships to all qualified students, and some programs also offer additional scholarship opportunities. All programs emphasize smaller classes, writing, discussion, hands-on learning approaches, problem-solving skills, and interdisciplinary content in special courses.

Consideration for selection in any honors program requires a special application (separate and in addition to ETSU admissions application). Application for admission to ETSU must be submitted prior to submission of application to any honors program. Students in all honors programs must maintain good standing in their program by enrolling in a minimum of 15 credit hours each semester, meeting minimum GPA requirements (as required by each program), and completing a senior honors thesis; probationary status may be granted for one semester only before scholarship support is withdrawn. The deadline for application to honors varies by program. See below for more information or visit our web site (<http://www.etsu.edu/honors>).

Honors-in-Discipline Programs

Honors programs in academic majors are currently offered in the following areas:

- College of Business and Technology
- College of Nursing
- College of Arts and Sciences:
 - Department of Biological Sciences
 - Department of Chemistry
 - Department of Criminal Justice and Criminology
 - Division of Theatre and Dance
 - Department of English
 - Department of History
 - Department of Mathematics and Statistics
 - Department of Philosophy and Humanities
 - Department of Physics and Astronomy
 - Department of Psychology
- College of Education:
 - Teacher Education Program
 - Exercise Science Program
- College of Public Health:
 - Department of Environmental Health
 - Department of Health Sciences
(Microbiology; Human Health)

For more information about these programs, visit <http://etsu.edu/honors/university/discipline> and refer to descriptions and instructions provided in each of these academic areas within this catalog. New Honors-in-Discipline programs become available each year. Contact Professor Marcia Songer, Director of Honors-in-Discipline Programs, PO Box 70589, Johnson City, TN 37614-1701; (423) 439-7506 or 439-7507; email songerm@etsu.edu; or the Honors College (honorscollege@etsu.edu), PO Box 70589, Johnson City, TN 37614-1701; (423) 439-6076.

University Honors Scholars Program

The University Honors Scholars Program is a four-year program specially designed for outstanding students who enter ETSU as freshmen. The program is tailored to students who desire an interdisciplinary approach to general education, in addition to their chosen fields of interest. University honors scholars may major in any academic program available at ETSU. Each year, 22 exceptional high school students are invited to join the program. Full scholarships are provided (including tuition, fees, costs of standard dormitory and meal plans, and a book allowance) for four years, as long as the student remains in good standing with the program (see Academic Honors Programs section, above). Completion of an honors thesis is required. Students are required to reside on campus during their freshman and sophomore years in the program.

University honors scholars have unrestricted access to Honors House (914 W. Maple Street), with computer facilities, conference and meeting rooms, lounge, and study areas. Interested potential candidates are encouraged to visit Honors House and meet with the director; see information below to make an appointment.

The special application required for the University Honors Scholars Program is available only from the University Honors Programs Office. Minimum qualifications for consideration include a 29 ACT or 1280 SAT (Reading + Math only) and a high school GPA of 3.5 (4.0 scale). High school curriculum, a résumé (including extra-co-curricular activities and honors and awards), letters of recommendation, and a personal essay are considered in the application process. Scholarships are awarded on a competitive basis each year. The application deadline typically is the end of January for admission the following fall semester.

For more information about the University Honors Scholars Program, contact Dr. Michael Cody, Director of University Honors Programs, PO Box 70294, Johnson City, TN 37614-1701; (423) 439-6456; email codym@etsu.edu; or the Honors College (honorscollege@etsu.edu), PO Box 70589, Johnson City, TN 37614-1701; (423) 439-6076; or visit <http://www.etsu.edu/honors/university>.

Fine & Performing Scholars Program

The Fine and Performing Arts Scholars Program at ETSU provides a unique approach to educating our artists of the 21st century. This four-year program supports an interdisciplinary group of student artists who share their experiences of learning about art through their artistic endeavors, special interdisciplinary courses, and as a troupe of Roving Artists that bring artistry, in all its forms, to special projects across the campus and local community. Fine and performing arts scholars have access to their own facility in Yoakley Hall, home of the Honors College, which provides project, study and lounge space, as well as access to computers and projection equipment.

Each year, a maximum of 25 students are selected for the program. A limited number of in-state scholarships (tuition and fees) are available on a competitive basis. Retention of scholarships for up to four years (8 regular semesters) depends on meeting retention requirements for good standing with the program (see Academic Honors Programs section above). Completion of an honors thesis is required.

Admission to the Fine and Performing Arts Scholars Program requires special application and submission of a portfolio to support evidence of artistry. Application and further information about the portfolio can be found on our web site, <http://www.etsu.edu/honors/arts>. Minimum qualifications for consideration include a 22 ACT or 1050 SAT (Reading + Math only) and a high school GPA of 2.8 (4.0 scale). High school

curriculum, a résumé, letters of recommendation, and a personal essay are considered in the application process. Scholarships are awarded on a competitive basis each year. The application deadline typically is March 15 for admission the following fall semester.

For more information, contact Professor Patrick Cronin, Director of Fine and Performing Arts Scholars Program, email croninp@etsu.edu; (423) 439-6513; or the Honors College (honorscollege@etsu.edu), PO Box 70589, Johnson City, TN 37614-1701; (423) 439-7507 or 439-6076.

Midway Scholars Program

The Midway Scholars Program at ETSU is designed specifically for exceptional students who wish to transfer to ETSU, either from a community college or another university. This two-year program supports transfer students in any major area of study offered at ETSU.

Each year, a maximum of 20 students are selected for this program. Each student receives a scholarship for four regular semesters, which includes in-state tuition and fees, a book allowance each semester, and a one-time award of \$2500 that may be applied toward a summer research fellowship, a study abroad experience, or an additional semester of study. Retention of scholarships requires that the student remain in good standing with the program (see Academic Honors Programs section, above). Completion of an honors thesis is required.

Admission to the Midway Scholars Program requires a special application available from the web site (see below). Qualifications for consideration include a minimum 3.5 GPA from the previous institution and either an associate degree or at least 30 earned credit hours. Selection is competitive and based on application information, including résumé, a personal essay, and letters of recommendation. Applicants without an associate degree also need to provide official high school transcripts and reports of ACT/SAT scholastic exams. The application and further information about the Midway Scholars Program can be found on our web site, <http://www.etsu.edu/honors/university/midway>. The application deadline typically is March 15 for admission the following fall semester.

For more information about the Midway Scholars Program, contact Dr. Michael Cody, Director of University Honors Programs, PO Box 70294, Johnson City, TN 37614-1701; (423) 439-6456; email codym@etsu.edu; or the Honors College (honorscollege@etsu.edu), PO Box 70589, Johnson City, TN 37614-1701; (423) 439-6076.

College of Arts and Sciences
P.O. Box 70730 Phone: (423) 439-5671
Web address: <http://www.etsu.edu/cas/>

Learning is a lifelong process. Education in the liberal arts provides the means of discovering and using knowledge to elevate the standards of human existence today and in the future. Such study liberates the individual to become a more effective citizen.

The College of Arts and Sciences consists of the departments of Appalachian Studies; Art and Design; Biological Sciences; Chemistry; Communication; Criminal Justice and Criminology; English; Foreign Languages; Geosciences; History; Mathematics and Statistics; Music; Philosophy and Humanities; Physics and Astronomy; Political Science, International Affairs, and Public Administration; Psychology; Social Work; and Sociology and Anthropology, as well as the Centers of Excellence in Appalachian Studies and Services, Mathematics and Science Education (jointly administered with the College of Education) and Paleontology, and the ETSU and General Shale Brick Natural History Museum. Interdisciplinary studies are also offered in African and African American Studies; Environmental Studies; Film Studies; International Studies; Legal Studies; and Women's Studies.

The College of Arts and Sciences defines liberal education as including three major components: 1) the central elements of knowledge, 2) essential skills for analysis, communication, decision making, and lifelong learning, and 3) constructive orientation toward society. The college offers a well-rounded liberal education program which enhances students' ability to lead satisfying personal lives, prepares them for a wide range of professional careers, and provides the academic background necessary for graduate work or for elementary or secondary teaching. The college's curriculum introduces students to major fields of interest in the humanities and fine arts, the social sciences, and the natural sciences.

Central Elements of Knowledge

1. Students should recognize and appreciate central facts and concepts of history and culture.
2. Students should have a basic comprehension of the natural and physical world.
3. Students should develop the ability to analyze and to understand social groupings throughout the world. To achieve this capability, coursework is required in the arts, humanities, and social sciences.
4. Students should demonstrate understanding and application of methods of inquiry central to the natural and physical sciences.

Skills for Analysis, Communication, Decision Making, and Lifelong Learning

Arts and Sciences students learn how to learn and how to develop skills in expressing what they have acquired. College requirements aim to ensure that students read and analyze at an appropriate level. Students must speak and write clearly and effectively. The skills of spoken and written analysis, synthesis, and criticism are developed. Students are encouraged to conceptualize and to use abstract thought in order to enhance general understanding.

A Constructive Orientation toward Society

Liberal education should benefit society by enhancing each individual's capacity to make informed and responsible choices. Individuals educated in this manner should develop behaviors that enhance the quality of life of those around them.

Graduate and Preprofessional Studies

The College of Arts and Sciences offers programs designed to prepare students for advanced studies and for professional schools. These preprofessional areas include Criminal Justice, concentrations in Advertising, Broadcasting, Journalism, and Public Relations (Department of Communication), Pre-Law, Pre-Engineering, and a variety of health professions.

Students following pre-professional programs in Criminal Justice or the Communication areas should consult an advisor in the appropriate department. Candidates for Pre-Law should contact the University Pre-Law Advisor in the Department of Political Science, International Affairs, and Public Administration. Pre-Engineering students are advised through the Department of Mathematics and Statistics.

Medical Professions Advisement Program

The Medical Professions Advisement Program in the College of Arts and Sciences provides advisement to students entering East Tennessee State University in preparation for careers in the following health-related fields: Pre-Chiropractic, Pre-Dentistry, Pre-Medicine, Pre-Optometry, Pre-Osteopathic Medicine, Pre-Pharmacy, Pre-Physician Assistant, Pre-Podiatry, and Pre-Veterinary Medicine. The abovementioned programs are not undergraduate majors at East Tennessee State University; however, they are programs of study that prepare students for application to professional programs. Many professional programs prefer/require students to attain an undergraduate degree before acceptance into their programs; therefore, the student, medical professions advisor, and major advisor work in conjunction to complete necessary requirements for fulfillment of an undergraduate degree and prerequisite courses for the professional school(s) of choice. Students are encouraged to choose majors in which they are interested. Questions concerning health-related programs of study should be directed to the Office of Medical Professions Advisement Program, PO Box 70592, East Tennessee State University, Johnson City, TN 37614, (423) 439-5602. For more information visit: <http://www.etsu.edu/cas/mpa/>.

Pre-Chiropractic Medicine

The Pre-Chiropractic Medicine Program of Study prepares students for application to a four-year Doctor of Chiropractic (DC) degree program. Students may apply after the successful completion of at least 90 credit hours; however, the majority of states require the completion of a bachelor's degree to practice chiropractic medicine.

Most chiropractic schools require completion of the following prerequisite courses:

Biology (8 hrs.)	BIOL	1110/11, 1120/21
General Chemistry (8 hrs.)	CHEM	1110/11, 1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11, 2020/21
Physics (8 hrs.)	PHYS	2010/11, 2020/21
English (6 hrs.)	ENGL	1010, 1020
Psychology (3 hrs.)	PSYC	1310

There may be variations among prerequisite requirements at different chiropractic schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Dentistry

The Pre-Dentistry Program of Study prepares students for application to the four-year Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD) degree program. Students may apply after the successful completion of at least two years of undergraduate coursework to some schools; however, completion of a bachelor's degree is strongly recommended.

Most dental schools require completion of the following prerequisite courses:

Biology (12 hrs.)	BIOL	1110/11, 1120/21, 1130/31
General Chemistry (8 hrs.)	CHEM	1110/11, 1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11, 2020/21
Physics (8 hrs.)	PHYS	2010/11, 2020/21
English (6 hrs.)	ENGL	1010, 1020
Calculus (4 hrs.)	MATH	1910
Statistics (3 hrs.)	MATH	1530

There may be variations among prerequisite requirements at different dental schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Medicine

The Pre-Medicine Program of Study prepares students for application to a four-year Doctor of Medicine (M.D.) degree program. Completion of a bachelor's degree is recommended/required for acceptance to medical school. Many medical schools require students to submit a Composite Letter of Recommendation during the application process; the Medical Professions Advisement staff is available to assist students through this process.

In addition, most medical schools require completion of the following prerequisite courses:

Biology (8 hrs.)	BIOL	1110/11,	1120/21
General Chemistry (8 hrs.)	CHEM	1110/11,	1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11,	2020/21
Physics (8 hrs.)	PHYS	2010/11,	2020/21
English (6 hrs.)	ENGL	1010,	1020
Communication (3 hrs.)	SPCH	1300,	2300, or 2320

There may be variations among prerequisite requirements at different medical schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest

Pre-Optometry

The Pre-Optometry Program of Study prepares students for application to a four-year Doctor of Optometry (OD) degree program. The majority of students accepted to a school of optometry have completed a bachelor's degree.

Most optometry schools require completion of the following prerequisite courses:

Biology (12 hrs.)	BIOL	1110/11,	1120/21,	1130/31
General Chemistry (8 hrs.)	CHEM	1110/11,	1120/21	
Organic Chemistry (10 hrs.)	CHEM	2010/11,	2020/21	
Biochemistry (4 hrs.)	BIOL	4147/57 or	4167/77	
Microbiology (4 hrs.)	HSCI	2230/31		
Human Anatomy (4 hrs.)	HSCI	3000		
Human Physiology (4 hrs.)	HSCI	3020		
Physics (8 hrs.)	PHYS	2010/11,	2020/21	
English (6 hrs.)	ENGL	1010,	1020	
Calculus (8 hrs.)	MATH	1910,	1920	
Statistics (3 hrs.)	MATH	1530		
Psychology (3 hrs.)	PSYC	1310		

There may be variations among prerequisite requirements at different optometry schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Osteopathic Medicine

The Pre-Osteopathic Medicine Program of Study prepares students for application to a four-year Doctor of Osteopathic Medicine (DO) degree program and residency rotation. Completion of a bachelor's degree is required for acceptance to an osteopathic medical school. Many osteopathic medical schools require students to submit a Composite Evaluation Letter of Recommendation during the application process; the Medical Professions Advisement staff is available to assist the students through this process.

Most osteopathic medical schools require completion of the following prerequisite courses:

Biology (8 hrs.)	BIOL	1110/11,	1120/21
General Chemistry (8 hrs.)	CHEM	1110/11,	1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11,	2020/21
Physics (8 hrs.)	PHYS	2010/11,	2020/21
English (6 hrs.)	ENGL	1010,	1020
Communication (3 hrs.)	SPCH	1300,	2300, or 2320

There may be variations among prerequisite requirements at different osteopathic medical schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Pharmacy

The Pre-Pharmacy Program of Study prepares students for application to a 3-4 year Doctor of Pharmacy (Pharm.D.) degree program. Students may apply to some pharmacy schools after the successful completion of two years of undergraduate coursework; however, completion of a bachelor's degree is recommended.

Most pharmacy schools require completion of the following prerequisite courses:

Biology (4 hrs.)	BIOL	1110/11
Additional Biology (4 hrs.)	BIOL	1120/21, 3150/51,
	HSCI	2010/11 and 2020/21 or 3020.
General Chemistry (8 hrs.)	CHEM	1110/11, 1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11, 2020/21
Physics (8 hrs.)	PHYS	2010/11, 2020/21
English (6 hrs.)	ENGL	1010, 1020
Communication (3 hrs.)	SPCH	1300, 2300, or 2320

There may be variations among prerequisite requirements at different pharmacy schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Pharmacy Plus Program

East Tennessee State University, in conjunction with Gatton College of Pharmacy, will offer a guaranteed interview and waiver of supplemental application fee at Gatton College of Pharmacy for any ETSU undergraduate or post-baccalaureate student who meets the established criteria. For more information on the Pre-Pharmacy Plus Program visit: <http://www.etsu.edu/cas/mpa/programs/ppppp.aspx>.

Pre-Physician Assistant

The Pre-Physician Assistant Program of Study prepares students for application to a two-year Physician Assistant Master's Degree (MA-PA) program. Completion of a bachelor's degree is required for acceptance to physician assistant school.

Most physician assistant schools require completion of the following prerequisite courses:

Biology (8 hrs.)	BIOL	1110/11,	1120/21
General Chemistry (8 hrs.)	CHEM	1110/11,	1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11,	2020/21
Biochemistry (4 hrs.)	HSCI	3030/31	
Microbiology (4 hrs.)	HSCI	2230/31	
Anatomy & Physiology (8 hrs.)	HSCI	2010/11,	2020/21
English (6 hrs.)	ENGL	1010,	1020
Communication (3 hrs.)	SPCH	1300,	2300, or 2320
Statistics (3 hrs.)	MATH	1530	
Psychology (3 hrs.)	PSYC	1310	

There may be variations among prerequisite requirements at different physician assistant schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Podiatry

The Pre-Podiatry Program of Study prepares students for application to a four-year Doctor of Podiatry (DPM) degree program. Students must apply after the successful completion of at least 90 credit hours, however completion of a bachelor's degree is strongly recommended.

Most podiatry schools require completion of the following prerequisite courses:

Biology (8 hrs.)	BIOL	1110/11,	1120/21
General Chemistry (8 hrs.)	CHEM	1110/11,	1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11,	2020/21
Physics (8 hrs.)	PHYS	2010/11,	2020/21
English (6 hrs.)	ENGL	1010,	1020

There may be variations among prerequisite requirements at different podiatry schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

Pre-Veterinary Medicine

The Pre-Veterinary Medicine Program of Study prepares students for application to a four-year Doctor of Veterinary Medicine (DVM) degree program. Completion of a bachelor's degree is strongly recommended for application to veterinary school.

Most veterinary schools require completion of the following prerequisite courses:

Biology (12 hrs.)	BIOL	1110/11, 1120/21, 1130/31
Genetics (5 hrs.)	BIOL	3100, 3141
Cell Biology (3 hrs.)	BIOL	3150
General Chemistry (8 hrs.)	CHEM	1110/11, 1120/21
Organic Chemistry (10 hrs.)	CHEM	2010/11, 2020/21
Biochemistry (4 hrs.)	BIOL	4147/57 or 4167/77
Microbiology (4 hrs.)	HSCI	2230/31
Physics (8 hrs.)	PHYS	2010/11, 2020/21
English (6 hrs.)	ENGL	1010, 1020
Literature (3 hrs.)		Multiple choices

There may be variations among prerequisite requirements at different veterinary schools; therefore, it is up to the student to research and ensure the required courses are completed before application to the preferred school(s) of interest.

B.A./B.S.—M.B.A. 3/2 Program

Well-qualified undergraduate students in the College of Arts and Sciences who are interested in pursuing a Master of Business Administration (M.B.A.) degree in a total of five years should consider the joint 3/2 program with the College of Business and Technology. Interested students should contact the Director of Graduate Programs in the College of Business and Technology (Room 214, Sam Wilson Hall, (423) 439-5314) for additional information.

Mary B. Martin School of the Arts

The Mary B. Martin School of the Arts was created in January 2009 with the purpose of providing a focal point and recognition for the arts at ETSU. The school was established following a generous endowment; it is named for Mary B. Martin, a life-long resident of Johnson City, patron of the arts, and graduate of ETSU (B.A., Chemistry, 1962).

The university acknowledges the quality of the arts on campus and the value of the arts for the community and the surrounding region. The broad heading of “the arts” at ETSU includes fine arts, visual arts, performing arts, literary arts, applied arts, and/or traditional arts. As the arts at ETSU are housed in different colleges, departments, and units, an organizational structure was needed to provide support, foster community collaborations, coordinate activities, and advocate for the arts. The Mary B. Martin School of the Arts will offer this structure.

The Mary B. Martin School of the Arts is housed within the College of Arts and Sciences; however, arts programs throughout the university are represented by the school. ETSU arts programs include the Department of Art and Design, including the Slocumb Galleries; the Department of Music, the Division of Theatre and Dance; and programs in Digital Media; Interior Design; Bluegrass, Old Time, and Country Music; Storytelling; Broadcasting; Film Studies; the Reece Museum; and the Fine and Performing Arts Scholars. Individual faculty teaching courses in other areas such as creative writing classes are also included.

Further information about the school is found at <http://www.etsu.edu/cas/arts/>.

COLLEGE OF ARTS AND SCIENCES B.A. AND B.S. DEGREE REQUIREMENTS

Students majoring in the College of Arts and Sciences must meet the following requirements for the Bachelor of Arts (B.A.) or Bachelor of Science (B.S.). Some requirements must be taken in addition to the General Education Core, whereas others specify which courses from the General Education Core must be taken. Students interested in degree programs in Fine Arts (B.F.A.), Music (B.M.), or Social Work (B.S.W.) should consult the appropriate departmental section of this catalog for specific information.

Required Areas	Bachelor of Arts	Bachelor of Science
Foreign Languages	Completion of a foreign language course numbered 2020 or above with a grade of C- or better.* **	None
Non-U.S. History	3 credit hours	None
Mathematics	Specified General Education Core: MATH 1530 or MATH 1910	Specified General Education Core MATH 1530 or MATH 1910, as specified by major
Natural Sciences	General Education Core	Eight (8) credit hours in a SINGLE laboratory science from the following ⁺ : (1) ASTR 1010 and 1020 (2) BIOL 1010/11 and 1020/21 (3) BIOL 1110/11 and 1120/21 or BIOL 1130/31 (4) CHEM 1110/11 and 1120/21 (5) GEOL 1040 and 1050 (labs included) (6) GEOG 1110 and 1120 (labs included) (7) PHYS 2010/11 and 2020/21; or PHYS 2110 and 2120 ⁺ <i>Higher-level laboratory courses in these departments also meet this requirement.</i>
Social and Behavioral Sciences	General Education Core	General Education Core departmental requirements
Philosophy of Science	None	PHIL 2640
Reasoning	None	PHIL 2030 or SPCH 2320

* International students whose native language is not English, and whose admission to ETSU requires them to take a standardized test of English as a foreign language (e.g., TOEFL), may substitute scores that meet the admission requirements for the foreign language requirement.

** Consult the Foreign Language Department's placement policy listed at <http://www.etsu.edu/cas/language/students/placement.aspx>, and in the listing for Foreign Languages in this catalog.

African and African American Studies Program (AFAM)

Box 70672 Phone: (423) 439-6688
Web Address: www.etsu.edu/afam

The African and African American Studies Program promotes the awareness and understanding of issues related to peoples of African descent. Drawing upon the broad resources of the university, the program offers and coordinates a variety of co-curricular and extracurricular activities. It encourages regular course offerings on both African and African American topics in a number of departments. A multidisciplinary faculty committee oversees the work of the program. An effort is made to consult with interested students to ensure that the activities and course offerings are responsive to students' needs.

Because of its great flexibility, the program serves as an attractive option for students in a wide variety of majors. In consultation with an African and African American Studies advisor, students may plan a course of study in the AFAM minor which will complement their majors, enhance their employment skills, and enrich the knowledge gained in their university studies.

African and African American Studies Minor

A minor in African and African American studies requires the completion of 21 hours of coursework, including the following:

African/African American Studies Minor	21 Credit Hours
HIST 3720 History of Africa	3
HIST 3900 African American History to 1877	3
HIST 3901 African American History Since 1877	3
SOCI 3110 Minorities	3
Approved Upper-Division Coursework*	9

* The additional (9) nine credit hours of upper-division coursework must be approved by an advisor. At least (3) three credit hours must be in African studies and (3) three credit hours must be in African American studies.

Appropriate classes, including special topics and independent study courses, may be taken in any field; however, no courses counting toward the student's major may be counted toward satisfying the minor's requirements.

A Partial Listing of Courses in African and African American Studies

Course information below is listed in order of course number, course title, and credit hours.

African and African American Studies	12 Credit Hours
AFAM 3989 Cooperative Education	3
AFAM 3999 Cooperative Education	3
AFAM 4900 Special Studies	3
AFAM 4950 Senior Seminar	3
Art	3 Credit Hours
ARTA 4957 Special Topics on Survey of the Arts	3
	of Africa, Ocean, and the Americas
Criminal Justice and Criminology	3 Credit Hours
CJCR 4670 Race, Gender, and Crime	3
English	9 Credit Hours
ENGL 3400 Survey of African American Literature	3
ENGL 4032 African Literature	3
ENGL 4047/5047 Special Topics in African American Lit.	3
Geography	6 Credit Hours
GEOG 1012 Introduction to Cultural Geography	3
GEOG 4307 Regional Geography: Geography of Africa	3
History	12 Credit Hours
HIST 3720 History of Africa	3
HIST 3900 African American History to 1877	3
HIST 3901 African American History Since 1877	3
HIST 4727 Modern Africa	3
Music	3 Credit Hours
MUSC 2110 History of Jazz	3
Sociology and Anthropology	6 Credit Hours
SOCI 3110 Minorities	3
SOAA 4957 Special Topics: Any topic related to Africa or African Americans	3

Appalachian Studies Minor (APST)

Box 70556 423-439-6677 or 7865
Web Address: www.etsu.edu/cass/minor/default.asp

Tess Lloyd
 307 Burseson Hall
 lloydt@etsu.edu

The Appalachian Studies Minor is an 18-hour, interdisciplinary program for students who would like to gain a greater appreciation for and understanding of the Appalachian region. No more than three credit hours taken as part of the Appalachian Studies Minor may be counted toward a major in any field.

The minor requires a core of 6 credit hours and 12 credit hours of guided electives. Because courses may be selected from several different departments, students are encouraged to meet with the Appalachian Studies Minor director for advisement regarding class sequences and frequency of offerings and to design a thematic course grouping that suits their personal interests. Students wishing to explore the Scottish and Irish heritage of the Appalachian region should consult with the program director (423) 439-7992 or 7865.

Core Requirements 6 Credit Hours

APST 2060 Introduction to Appalachian Studies	3
APST 4997 Current Issues in Appalachian Studies	3

Guided Electives (12 Credit Hours selected from the following):

APST 3530 Religion in Appalachia	3
APST 4177 Art and Appalachia	3
* APST 4237 Scots-Irish in Appalachia	3-6
* APST 4337 Appalachia in Scotland	3-6
APST 4567 Scottish Ethnology	3
APST 4907 Appalachian Foodways	3
BIOL 4247 Appalachian Flora (8 hrs. pre-requisites)	3
BIOL 4257 Appalachian Fauna (8 hrs. pre-requisites) ..	3
**BLUE Individual Instruction and Band Classes	1-3
**BLUE/ANTH 2150 American Folk Music	3
**BLUE 3110 Introduction to Bluegrass Music	3
**BLUE 3120 Country Music Then and Now	3
**BLUE 3130 Bluegrass Music History I	3
**BLUE 3140 Bluegrass Music History II	3
**BLUE 4130 Survey of Contemporary Bluegrass	3
**BLUE 4147 Bluegrass and America's Music	3
**BLUE 4150 Roots of Bluegrass and Country Music	3
**BLUE 4230 Songwriting	1
ENGL 3065 Southern Appalachian Literature	3
ENGL 3650 American Folklore	3
ENGL 4137 Dialectology	3
ENGL 4217 Irish and Scottish Literature	3
ENVS 2010 The Natural Environment in Appalachia	3
GEOG 4910 Topics in Geography	3
	(when the topic is Geography of Southern Appalachia)
HIST 4167 History of Southern Appalachia	3
PSCI 4450 Appalachian Politics	3
ANTH 3500 Appalachian Folk Medicine	3
SOAA 3050 Appalachian Culture	3
SOAA 4627 Ethnographic Field Work Techniques	3

NOTES:

* Between these two courses, no more than six hours can count toward the minor.
 ** No more than six credit hours of BLUE can count toward the Appalachian Studies minor.

Other seminars, independent studies, topics courses, and problems courses, including 4956 summer offerings, may be counted toward the minor when the topic is Appalachian (must have approval of the director of the APST advisor).

**Department of Art and Design
(ARTA)(ARTH)**

**Box 70708 Phone: (423) 439-4247
Web Address: www.etsu.edu/cas/art**

ETSU is an accredited institutional member of the National Association of Schools of Art and Design. The Department of Art and Design holds membership in the College Art Association and other professional art organizations.

Mission Statement

The Department of Art and Design is committed to excellence in arts education, teaching students the technical, theoretical, critical, professional, and personal skills necessary to succeed in the visual arts. Achieving the highest quality of academic scholarship and creative research are priorities expected and supported. In service to our community, we seek to promote awareness of the social and cultural significance of the visual arts, within the university, for our region, and the world at large.

Undergraduate degrees that may be earned include the B.F.A. and B.A. The B.F.A. is recommended for those students who wish to follow a professional career in the studio arts. The B.A. is available for students who wish to major in art history or studio art. Please see the programs listed below for more details.

Graduate degrees that may be earned include the M.F.A. and M.A. The M.F.A. is the terminal degree in studio art for practicing artists and university or college teaching of art. The M.A. may be earned in art studio or art history. Please see the graduate catalog for more details.

An art major may specialize in one or more of the following areas: art history, painting, drawing, sculpture, printmaking, commercial art, graphic design, photography, ceramics, fibers, and jewelry and metalsmithing.

Studio art majors must take the following art courses during the freshman year:

Semester I	9 Credit Hours
ARTA 1110 2-D Design	3
ARTA 1201 Drawing	3
ARTH 2010 Art History Survey I	3

Semester II	9 Credit Hours
ARTA 1140 3-D Design	3
ARTA 1204 Color Theory	3
ARTH 2020 Art History Survey II	3

Art History majors must take the following art courses during the freshman year:

Semester I	6 Credit Hours
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3

Semester II	6 Credit Hours
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3

Transfer students should consult the chair of the Department of Art and Design concerning departmental limitations on transfer credit.

The BFA Degree

The professional undergraduate degree in the visual arts is the bachelor of fine arts degree. This degree allows the student to specialize in a particular area of art in order to prepare for a professional career. No grade of C- or less in art may be applied to the BFA major. No minor is required.

After 36 hours in art and before 45 hours in art have been completed, the BFA student must successfully complete ARTA 2916, "Works in Progress Review." The student must pass this review in order to enroll in the BFA capstone course, ARTA 4916, "Portfolio and Exhibition," and to graduate with a BFA degree in art.

Students in the BFA program should be aware that the final advanced study courses taken in the area of specialization should have as the primary goal the production of art work of exhibition quality and that examples of this work will be exhibited by the Department of Art and Design as

proof of the student's excellence in a required senior exhibit. A committee of three art faculty including the student's major advisor will review and evaluate each student's BFA exhibit.

**Bachelor of Fine Arts Degree (BFA)
Art Major (ABFA)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Science*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
ARTH 2010 Art History I	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Art Major Requirements 15 Credit Hours

ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2010 Art History Survey I	*
ARTH 2020 Art History Survey II	3

*Satisfies TBR General Education Core Requirement.

BFA Requirements 64 Credit Hours

Courses to be selected in consultation with the student's advisor.

Studio courses:

Six courses at the 2000-level	18
Five courses at the 3000-level	15
Six courses at the 4000-level	18
One ARTA studio elective	1

Art History:

Three 4000-level courses, including either ARTH 4067 or ARTH 4077	9
Works in Progress Review, ARTA 2916 (to be taken after completing 36 and before completing 45 ARTA credits)	0
Portfolio & Exhibit, ARTA 4916	3
Total Credit Hours Required for Degree	120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3
Semester Total	15

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3
Semester Total	15

Sophomore Year

First Semester	Credit Hours
Communication: Oral Communication	3
Mathematics	3-4
Social/Behavioral Sciences	3
2000-Level Studio Courses	9
Semester Total	18-19

Second Semester	Credit Hours
Natural Science	4
2000-Level Studio Courses	9
ARTH 4067 Twentieth Century Art or	
ARTH 4077 Contemporary Art	3
ARTA 2916 Works in Progress Review	0
Semester Total	16

Junior Year

First Semester	Credit Hours
Social/Behavioral Sciences	3
Literature	3
3000-Level Studio Courses	6
4000-Level Art History Course	3
Semester Total	15

Note: For semesters of 9 upper-level studio courses, it is advisable to distribute some of these courses into the summer.

Second Semester	Credit Hours
Humanities/Fine Arts Elective	3
3000-Level Studio Courses	9
Social/Behavioral Sciences	3
Semester Total	15

Senior Year

First Semester	Credit Hours
Natural Science	4
4000-Level Studio Courses	9
4000-Level Art History Courses	3
Semester Total	16

Second Semester	Credit Hours
4000-Level Studio Courses	9
ARTA Studio Elective	1
ARTA 4961 Portfolio Exhibition	3
Semester Total	13
Total	120

Each area of specialization has a list of required classes to be taken. The students must take 4916, "Portfolio and Exhibit," during the last semester of undergraduate work. The BFA program requires a total of approximately 120 credit hours.

It is essential that students work closely with their art advisors in selecting classes.

The B.A. Degree in Art History or Studio Art

The Department of Art and Design recommends this degree for those students interested in specializing in art history. The B.A. degree provides a solid liberal arts education with a specialization in art history. The student may continue toward the M.A. or Ph.D. in art history after earning a B.A. degree in art history.

The student may elect to pursue the B.A. degree in studio art. B.A. studio art students should select ARTH 4067 or 4077 as one of the 4000-level art history courses.

B.A. degree students in art history or studio art are encouraged to discuss career options carefully with an advisor. Selections of specific art courses and choice of minor may determine appropriate preparations for a number of careers in art and art-related fields. Consult with the department for assignment of appropriate advisor. It is essential that all students work closely with their advisors in selecting classes and the minor.

Students studying for a Bachelor of Arts (B.A.) degree shall be required to complete a foreign language course numbered 2020 or above with a grade of C- or better. Students must also complete one 3-credit Non-United States History course. (See the College of Arts and Sciences B.A. degree requirements.) French or German is recommended for art history students.

**Bachelor of Arts Degree (B.A.)
Art Major (ARTA)
Art History Concentration (HIST)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives. See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
ARTH 2010 Art History I	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language	3
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(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History	3
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* The Mathematics requirement is fulfilled with the General Education Mathematics.

Art History Major Requirements 9 Credit Hours

ARTA 1110 2-D Design	3
ARTA 1140 3-D Design	3
ARTH 2010 Art History I	*
ARTH 2020 Art History II	3

* Satisfies TBR General Education Core Requirement.

Art History Concentration Requirements 27 Credit Hours

One studio course at 3000 or above	3
(ARTA 2401 recommended to fulfill UIT)	
Eight 4000-level Art History courses	24
At least one of the 4000-level art history courses must be ARTH 4907 Art History Seminar or ARTH 4167 Aesthetic Theory, and Criticism.	

*PHIL 4507, "Philosophy of Art," will count as an art history course. No other course in another department will substitute for art history courses without permission from all art history faculty. No more than one course from another department will substitute for an art history course.

Minor Requirements 18-24 Credit Hours

Electives 10-19 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Suggested Course Sequence

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Communication: Oral Communication	3
Mathematics	3-4
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3
Semester Total	15-16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
Humanities/Fine Arts Elective	3
Minor or Elective	3
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3
Semester Total	15

Sophomore Year

First Semester	Credit Hours
Social/Behavioral Sciences	3
Language Requirement 2XXX or above	3
2000-Level or above Studio Course	3
4000-Level Art History Courses	3
Minor or Elective	3
Semester Total	15

Second Semester	Credit Hours
Natural Science	4
Language Requirement 2XXX or above	3
Minor or Elective	3
4000-Level Art History Course	3
Literature	3
Semester Total	16

Junior Year

First Semester	Credit Hours
Minor or elective	3
4000-Level Art History Course	3
HIST 2010 The United States to 1877	3
Minor or Elective	6
Semester Total	15

Second Semester	Credit Hours
Social/Behavioral Sciences	3
HIST 2020 The United States Since 1877	3
Minor or Elective	6
4000-Level Art History Course	3
Semester Total	15

Senior Year

First Semester	Credit Hours
Non-United States History	3
4000-Level Art History Courses	6
Minor or Elective	6-7
Semester Total	15-16

Second Semester	Credit Hours
Natural Science	4
4000-Level Art History Course	6
Minor or Elective	3
Semester Total	13
Total	120

**Bachelor of Arts Degree (BA)
Art Major (ARTA)
Studio Art Concentration (STUO)
Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Mathematics	3-4
ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3
Semester Total	15-16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3
Semester Total	15

Note: For semesters of 18 or more credit hours, it is advisable to distribute some of these courses, by taking them during the summer.

Sophomore Year

First Semester	Credit Hours
Communication: Oral Communication	3
Humanities/Literature	3
2000-Level Art Studio Courses	9
Semester Total	15

Second Semester	Credit Hours
Natural Science	4
2000-Level Studio Art Courses	9
Social/Behavioral Sciences	3
Semester Total	16

Junior Year

First Semester	Credit Hours
4000-Level Art History Course	3
3000 and 4000 Level Studio Art Course	6
Humanities Elective	3
Elective	3
Semester Total	15

Second Semester	Credit Hours
Social/Behavioral Sciences	3
ARTH 4067 Twentieth Century Art	3
or	3
ARTH 4077 Contemporary Art	3
3000- and 4000-Level Studio Art Courses	7
Non-United States History	3
Semester Total	16

Senior Year

First Semester	Credit Hours
HIST 2010 The United States to 1877	3
3000- and 4000-Level Studio Art Courses	6
4000-Level Art History Course	3
Language Requirement in Same Language 2XXX or above	3
Semester Total	15-16

Second Semester	Credit Hours
3000- and 4000-Level Studio Art Courses	6
Language Requirement in Same Language 2XXX or above	3
Natural Science	4
Semester Total	13
Total	120

**Bachelor of Arts Degree (BA)
Art Major (ARTA)
Studio Art Concentration (STUO)
with non-art minor
Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Mathematics	3-4
ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3
Semester Total	15-16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3
Semester Total	15

Note: For semesters of 18 or more credit hours, it is advisable to distribute some of these courses, by taking them during the summer.

Sophomore Year

First Semester	Credit Hours
Communication: Oral Communication	3
Social/Behavioral Sciences	3
2000-Level Studio Art Courses	6
Non-art Minor Course	3
Semester Total	15

Second Semester	Credit Hours
Natural Science	4
2000-Level Studio Art Course	3
Social/Behavioral Sciences	3
Non-art Minor Course	3
Humanities/Fine Arts Elective	3
Semester Total	16

Junior Year

First Semester	Credit Hours
4000-Level Art History Course	3
3000- or 4000-Level Studio Art Course	3
Non-Art Minor Course	3
Literature	3
Humanities Elective	3
Semester Total	15

Second Semester	Credit Hours
ARTH 4067 Twentieth Art	3
or	3
ARTH 4077 Contemporary Art	3
3000- or 4000-Level Studio Art Courses	4
Non-Art Minor Course	6
Non-United States History	3
Semester Total	16

Senior Year

First Semester	Credit Hours
3000- or 4000-Level Studio Art Course	3
Non-Art Minor Course	6
Language Requirement in Same Language 2XXX or Above	3
HIST 2010 The United States to 1877	3
Semester Total	15

Second Semester	Credit Hours
3000 or 4000 Level Studio Art Courses	6
Language Requirement in Same Language 2XXX or Above	3
Natural Science	4
Semester Total	13
Total	120

The B.A. degree in art history requires a total of 120 credit hours.

It is essential that students work closely with their advisors in selecting classes.

The B.A. studio art students should select ARTA 4067 or 4077 as one of the three 4000-level art history courses required.

The student will have elective hours available and should consult with the advisor about how best to utilize these hours. The B.A. degree in studio art requires a total of approximately 120 credit hours.

**Bachelor of Arts Degree (B.A.)
Art Major (ARTA)
Studio Art Concentration (STUO)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Science*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
ARTH 2010 Art History I	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at http://www.etsu.edu/cas/language/students/placement.aspx)</i>	
Non-United States History	3

*The Mathematics requirement is fulfilled with the General Education Mathematics.

Art Major Requirements 15 Credit Hours

ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2010 Art History I	*
ARTH 2020 Art History II	3

*Satisfies TBR General Education Core Requirement.

Studio Art Concentration Requirements 52 Credit Hours

Six 2000-level studio courses	18
Three 4000-level Art History courses with one selected from either ARTH 4067 or ARTH 4077	9
Eight 3000- and 4000-level studio courses	24
One ARTA Studio Elective	1

Electives 3 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
ARTA 1201 Drawing Fundamentals	3
ARTA 1110 2-D Design	3
ARTH 2010 Art History Survey I	3
Semester Total	15
Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
ARTA 1204 Color Theory	3
ARTA 1140 3-D Design	3
ARTH 2020 Art History Survey II	3
Semester Total	15

Note: For semesters of 18 or more credit hours, it is advisable to distribute some of these courses, by taking them during the summer.

Sophomore Year

First Semester	Credit Hours
Communication: Oral Communication	3
Humanities/Literature	3
2000-Level Art Studio Courses	9
Semester Total	15
Second Semester	Credit Hours
Natural Science	4
2000-Level Studio Art Courses	9
Social/Behavioral Sciences	3
Semester Total	16

Junior Year

First Semester	Credit Hours
4000-Level Art History Course	3
3000 and 4000 Level Studio Art Course	6
Humanities Elective	3
Elective	3
Semester Total	15
Second Semester	Credit Hours
Social/Behavioral Sciences	3
ARTH 4067 Twentieth Century Art or	3
ARTH 4077 Contemporary Art	3
3000- and 4000-Level Studio Art Courses	7
Non-United States History	3
Semester Total	16

Senior Year

First Semester	Credit Hours
3000- and 4000-Level Studio Art Courses	6
4000-Level Art History Course	3
Language Requirement in Same Language 2XXX or above	3
Mathematics	3-4
Semester Total	15-16
Second Semester	Credit Hours
3000- and 4000-Level Studio Art Courses	6
Language Requirement in Same Language 2XXX or above	3
Natural Science	4
Semester Total	13
Total	120

**Bachelor of Arts Degree (B.A.)
Art Major (ARTA)
Studio Art Concentration (STUO)
with non-art minor**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Science*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
ARTH 2010 Art History I	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at http://www.etsu.edu/cas/language/students/placement.aspx)</i>	
Non-United States History	3

*The Mathematics requirement is fulfilled with the General Education Mathematics.

Art Major Requirements 15 Credit Hours

ARTA 1201	Drawing Fundamentals	3
ARTA 1110	2-D Design	3
ARTA 1204	Color Theory	3
ARTA 1140	3-D Design	3
ARTH 2010	Art History I	*
ARTH 2020	Art History II	3

**Satisfies TBR General Education Core Requirement.*

Studio Art Concentration Requirements 34 Credit Hours

Four 2000-level studio courses	12
Two 4000-level Art History courses with one selected from either ARTH 4067 or ARTH 4077	6
Five 3000- and 4000-level studio courses	15
One ARTA Studio elective	1
Minor Requirement (Non-Art Area) 18-21 Credit Hours	
Electives 0-3 Credit Hours	
Total Hours Required for Degree 120 Credit Hours	

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
HIST 2010	The United States to 1877	3
ARTA 1201	Drawing Fundamentals	3
ARTA 1110	2-D Design	3
ARTH 2010	Art History Survey I	3
Semester Total		15
Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
HIST 2020	The United States Since 1877	3
ARTA 1204	Color Theory	3
ARTA 1140	3-D Design	3
ARTH 2020	Art History Survey II	3
Semester Total		15

Note: For semesters of 18 or more credit hours, it is advisable to distribute some of these courses, by taking them during the summer.

Sophomore Year

First Semester		Credit Hours
Communication: Oral Communication		3
Social/Behavioral Sciences		3
2000-Level Studio Art Courses		6
Non-art Minor course		3
Semester Total		15
Second Semester		Credit Hours
Natural Science		4
2000-Level Studio Art Course		3
Social/Behavioral Sciences		3
Non-art Minor course		3
Humanities/Fine Arts Elective		3
Semester Total		16

Junior Year

First Semester		Credit Hours
4000-Level Art History Course		3
3000- or 4000-Level Studio Art Course		3
Non-Art Minor Course		3
Literature		3
Semester Total		12
Second Semester		Credit Hours
ARTH 4067	Twentieth Art or	3
ARTH 4077	Contemporary Art	3
3000- or 4000-Level Studio Art Courses		4
Non-Art Minor Course		6
Non-United States History		3
Semester Total		16

Senior Year

First Semester		Credit Hours
3000- or 4000-Level Studio Art Course		3
Non-Art Minor Course		6
Language Requirement in Same Language 2XXX or Above		3
Mathematics		3-4
Semester Total		15-16
Second Semester		Credit Hours
3000 or 4000 Level Studio Art Courses		6
Language Requirement in Same Language 2XXX or Above		3
Natural Science		4
Semester Total		13
Total		120

Minor in Art under the B.S. or B.A.

The minor in art consists of a minimum of 21 credit hours of study. The requirements for the minor include 6 credit hours selected from the Studio Foundations courses (ARTA 1xxx classes), 6 credit hours of 2xxx classes (ARTA or ARTH 2xxx classes), and 9 credit hours selected from 3xxx or

above ARTA or ARTH classes. No grade of C- or less in any studio or art history course may be applied to the art minor.

As many 2xxx and above ARTA and ARTH classes include prerequisites, students are encouraged to consult with a departmental advisor and course descriptions prior to selecting and registering for class.

Core requirements 6 credit hours

Two courses selected from the following:

ARTA 1110	2D Design	3
ARTA 1140	3D Design	3
ARTA 1201	Drawing Fundamentals	3
ARTA 1204	Color Theory	3

Sophomore-level Electives 6 credit hours

Selected from ARTA (studio) or ARTH (art history) courses. At least one 2xxx ARTA (studio) course is highly recommended. Consult with departmental advisor and courses descriptions for prerequisites for 3xxx and 4xxx studio courses.

Two courses selected from the following:

ARTH 2010	Art History Survey I	3
ARTH 2020	Art History Survey II	3
ARTA 2012	Intermediate Drawing	3
ARTA 2051	Foundations in Painting	3
ARTA 2071	Basic Weaving	3
ARTA 2081	Beginning Jewelry Design & Metalsmithing	3
ARTA 2091	Introduction to Ceramics	3
ARTA 2120	Basic Figure Drawing	3
ARTA 2200	Basic Photo	3
ARTA 2210	Introduction to Print	3
ARTA 2401	Commercial Art/Graphic Design I	3
ARTA 2501	Introduction to Sculpture	3

Upper-Division Electives 9 credit hours

Selected from any 3xxx or above ARTA or ARTH courses.

Graduate Study in Art

The Department of Art and Design also offers the master of fine arts and master of arts degrees. Further information on the program is contained in the Graduate Catalog.

Penland Courses

Students may earn East Tennessee State University credit by taking art courses at the Penland School of Crafts in Penland, NC.

Penland School hosts renowned instructors for short-term (one- to eight-week) courses of study in the following areas: wood, surface design, fiber, iron, jewelry, printmaking, photography, paper, book arts, glass, design, drawing, clay, and "specials," which includes such topics as Arts Administration and Crafts Criticism.

For a catalog or information, call 828-765-2359 or write to:

Registrar
Penland School of Crafts
Penland, NC 38765

Department of Biological Sciences (BIOL)

Box 70703

Phone: (423) 439-4329

Web Address: www.etsu.edu/cas/biology

The Department of Biological Sciences offers a major in biology leading to the Bachelor of Science degree. The major is designed for students who plan to enter such professions as biology, biochemistry, science education, medicine, veterinary medicine, agriculture, conservation, and industry. Courses are also offered for students in other fields of study who desire to acquaint themselves with the phenomena of living organisms. The department also offers the master of science in biology degree. Further information on graduate programs is contained in the Graduate Catalog.

Biology Major

In addition to certain required science and math courses, the standard track in biology requires 36 credit hours of approved biology courses; a student choosing this major must also complete a minor in a different field of study. An alternative concentration track in biology requires 50 credit

hours of biology courses; a specialized alternative curricula that may be followed for a degree in biology; a biochemistry concentration (does not require an additional minor), and secondary biology education, which requires a minor in professional education.

Advising

Students are required to visit one of the following advisors at least once a semester:

Freshmen and sophomores will be advised by professional advisors in the Advisement Resource Center (ARC) in the Culp Center until they finish the biology core. Upon finishing the core, students will be transferred to a departmental advisor listed below.

All classes above the core (Biology for Science Majors I, II, and III and General Genetics) must have a permit prior to registration.

Biology Major (Standard or Concentration)

(last name starts with A-M) J. Leonard Robertson
 (last name starts with N-Z) Hugh Miller III

Secondary Biology Ed. J. Leonard Robertson

Biology Honors Program Lev Yampolsky

Biochemistry Concentration Hugh Miller III

General Advising Hugh Miller III,
 Michael Zavada

Credit for the following courses will not apply toward a major or minor in the department:

BIOL 1000	Academic Advantage	..... 2
BIOL 1010/11	Biology for Non-Majors I/Lab	..... 4
BIOL 1020/21	Biology for Non-Majors II/Lab	..... 4

**Bachelor of Science Degree (B.S.)
 Biology Major (BIOL)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	..... 3
ENGL 1020	Critical Thinking & Argumentation	..... 3
SPCH 2320	Argumentation and Debate	..... 3
MATH 1910	Calculus I	..... 4
CHEM 1110/11	General Chemistry I Lecture/Lab	..... 4
CHEM 1120/21	General Chemistry II Lecture/Lab	..... 4
HIST 2010	The United States to 1877	..... 3
HIST 2020	The United States Since 1877	..... 3
Literature*		..... 3
Fine Arts*		..... 3
PHIL 2640	Science and the Modern World	..... 3
Social/Behavioral Sciences*		..... 6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I *
PHIL 2640	Science and the Modern World *
SPCH 2320	Argumentation and Debate *

Biology Major Requirements

Core Courses (to be completed prior to starting advanced courses):

BIOL 1110/11	Biology for Science Majors I & Lab	..... 4
BIOL 1120/21	Biology for Science Majors II & Lab	..... 4

BIOL 1130/31	Biology for Science Majors III & Lab	..... 4
BIOL 3100	General Genetics	..... 3

Advanced Biology Requirements

One course from each of the four menus listed below:

* Courses listed in more than one menu can only be used to satisfy ONE menu.

Note: Courses may be added to the Advanced Biology Menus with approval of the chair and/ or the faculty. Check with your advisor or the chair for an up-to-date listing of menu courses.

Molecular Menu

(credit for the lecture and corresponding lab required):

BIOL 3150/51	Cell Biology & Lab	..... 5
BIOL 4147/57	Biochemistry of Macromolecules and Lab	..... 5
BIOL 4167/77	Biochemistry of Metabolism and Lab	..... 5
BIOL 4597	Recombinant DNA Laboratory and	
BIOL 4647	Molecular Biology	..... 6
BIOL 4747	* Population Genetics	..... 4

Organismal Menu:

BIOL 3220	Comparative Anatomy	..... 4
BIOL 3230	Vertebrate Embryology	..... 4
BIOL 3260	Animal Physiology	..... 4
BIOL 3480	* General Entomology	..... 4
BIOL 4267	Plant Development	..... 4
BIOL 4277	Neurobiology	..... 4
BIOL 4357	Ethology	..... 3
BIOL 4487	* Paleobotany	..... 4
BIOL 4767	Plant Physiology	..... 4

Population Menu:

BIOL 3460	* Invertebrate Zoology	..... 4
BIOL 3350	Ecology	..... 4
BIOL 4337	Plant Systematics	..... 4
BIOL 4360	Evolution	..... 3
BIOL 4367	Systems Ecology	..... 3
BIOL 4737	Conservation Biology	..... 4
BIOL 4747	Population Genetics	..... 4
BIOL 4867	Marine Biology	..... 4

Biodiversity Menu:

BIOL 3410	Vertebrate Zoology	..... 4
BIOL 3420	Plant Biology	..... 4
BIOL 3460	* Invertebrate Zoology	..... 4
BIOL 3480	* General Entomology	..... 4
BIOL 4047	Ecological Field Trip	..... 3
BIOL 4247	Appalachian Flora	..... 3
BIOL 4257	Appalachian Fauna	..... 3
BIOL 4337	* Plant Systematics	..... 4
BIOL 4450	Bryophytes, Ferns, and Seed Plants	..... 4
BIOL 4477	Ornithology	..... 4
BIOL 4487	* Paleobotany	..... 4
HSCI 3320/21	General Microbiology Lecture/Lab	..... 4

Four courses in Chemistry required:

CHEM 1110/11	General Chemistry Lecture/Lab	..... 4
CHEM 1120/21	General Chemistry II Lecture/Lab	..... 4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	..... 5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	..... 5

Two courses in Physics required:

PHYS 2010/11	General Physics I – Noncalculus	
PHYS 2020/21	General Physics II – Noncalculus	..... 8
OR		
PHYS 2110/20	Technical Physics – Calculus based	..... 10

Two courses in Math required:

MATH 1530	Probability & Statistics or	..... 3
MATH 1910	Calculus I	..... 4
OR		
MATH 1910	Calculus I	..... 4
MATH 1920	Calculus II	..... 4

Completion of one course in each menu usually leaves 2-4 credits needed. Students can choose any credit, including Independent Study and/or Research in Biology in biological sciences, to fulfill their additional credits needed for graduation.

Credit Hour Requirements

Total credit hours required for degree	120
Biology Major, standard track	36 credit hours
Additional required courses	25-28 credit hours
(excludes General Chemistry)	
General Education	42 credit hours
(includes General Chemistry)	
Minor (different program—up to)	14 credit hours
Total credit hours required for degree	120
Biology Major, concentration	50 credit hours
Additional required courses	25-28 credit hours
(excludes General Chemistry)	
General Education	42 credit hours
(includes General Chemistry)	
General Electives	up to 3 credit hours
Biology Minor Requirements	24 Credit Hours
BIOL 1110/11 Biology I Lecture/Lab	4
BIOL 1120/21 Biology II Lecture/Lab	4
BIOL 1130/31 Biology III Lecture/Lab	4
BIOL 3100 General Genetics	3
Advanced Biology Electives (choose from 4 Advanced Menus) ..	9

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
BIOL 1110/11	Biology for Science Majors Lecture I/Lab	4
CHEM 1110/11	General Chemistry Lecture I/Lab	4
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1910	Calculus I	4
Semester Total		15
Second Semester		Credit Hours
BIOL 1120/21	Biology for Science Majors Lecture II/Lab	4
CHEM 1120/21	General Chemistry I Lecture/Lab	4
MATH 1530	Probability and Statistics	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2320	Argumentation and Debate	3
Semester Total		17

Sophomore Year

First Semester		Credit Hours
BIOL 1130/31	Biology for Science Majors Lecture III/Lab	4
CHEM 2010/11	Organic Chemistry Lecture I/Lab	5
PHYS 2010/11	General Physics Lecture I/Lab	4
Social/Behavioral Sciences	.....	3
Semester Total		16
Second Semester		Credit Hours
BIOL 3100	General Genetics Lecture	3
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
PHYS 2020/21	General Physics Lecture/Lab II	4
PHIL 2640	Science and the Modern World	3
Semester Total		15

Junior Year

First Semester		Credit Hours
Molecular Advanced Course	.....	6
Minor Requirements or BIOL Electives	.....	6
HIST 2010	The United States to 1877	3
Semester Total		15
Second Semester		Credit Hours
Organismal Advanced Course	.....	4
Minor Requirements	.....	6
Social/Behavioral Sciences	.....	3
HIST 2020	The United States Since 1877	3
Semester Total		16

Senior Year

First Semester		Credit Hours
Biodiversity Advanced Course	.....	4
Minor Requirements	.....	3
Fine Arts	.....	3
Literature	.....	3
Semester Total		13
Second Semester		Credit Hours
Population Advanced Course	.....	4
BIOL Electives	.....	3
Minor Requirements	.....	3
General Electives*	.....	3
Semester Total		13
Total		120

* The number of General Electives depends on Math and Physics courses selected.

**Bachelor of Science Degree (B.S.)
Biology Major
Biochemistry Concentration (BIOC)**

This is a joint program among the Departments of Biological Sciences and Chemistry (College of Arts and Sciences) and the Department of

Biochemistry (Quillen College of Medicine). The student may major in either biology or chemistry. The curriculum requires courses in both departments. The student should consult frequently with an advisor to ensure completion in a judicious manner. The biology advisor is Lee Pike; the chemistry advisor is Richard Kopp.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
SPCH 2320	Argumentation and Debate	3
MATH 1910	Calculus I	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
PHIL 2640	Science and the Modern World	3
Social/Behavioral Sciences*	.....	6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I	*
PHIL 2640	Science and the Modern World	*
SPCH 2320	Argumentation and Debate	*

Additional Requirements 4 credit hours

MATH 1920	Calculus II	4
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Biochemistry Concentration

Requirements 65-68 Credit Hours

Chemistry courses required:

CHEM 1110/11	General Chemistry I Lecture/Lab	*
CHEM 1120/21	General Chemistry II Lecture/Lab	*
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
CHEM 2220/21	Quantitative Analysis Lecture/Lab	4
CHEM 3611	Introduction to Integrated Lab	2
CHEM 3710	Principles of Physical Chemistry or	
CHEM 3750	Physical Chemistry I	3

Two courses in Physics required:

PHYS 2010/11	General Physics I-Noncalculus and	
PHYS 2020/21	General Physics II-Noncalculus or	8
PHYS 2110/20	Technical Physics-Calculus Based	10

*Satisfies TBR General Education Core Requirement.

Core Requirements

(must be completed before taking advanced courses):

BIOL 1110/11	Biology for Science Majors I Lecture/Lab	4
BIOL 1120/21	Biology for Science Majors II Lecture/Lab	4
BIOL 1130/31	Biology for Science Majors III Lecture/Lab	4
BIOL 3100	General Genetics	3

Advanced Biology courses required:

BIOL 3141	Genetics Laboratory	2
BIOL 4147/57	Biochemistry of Macromolecules/Lab	5
BIOL 4167/77	Biochemistry of Metabolism/Lab	5
BIOL Advanced Biology Requirements (see below)	.....	6-8
BIOL Advanced Concentration Requirement		3-5

Advanced Concentration Requirements 3-5 Credit Hours

The Biology Major with a Biochemistry Concentration must select one of the following courses:

BIOL 3150/51	Cell Biology & Lab	5
BIOL 4597	Recombinant DNA Laboratory	3
BIOL 4647	Molecular Biology	3
HSCI 3320/21	General Microbiology and Lab	4
HSCI 3540	Immunology	3
PHYS 3510	Biophysics	3

Biology Menu Requirements 6-8 Credit Hours

Select at least one (1) course from two (2) of the following

Advanced Biology areas (Organismal, Population, or Biodiversity):

* Courses listed in more than one menu can only be used to satisfy ONE menu.

Note: Courses may be added to the Advanced Biology Menus with approval of the chair and/or the faculty. Check with your advisor or the chair for an up-to-date listing of menu courses.

Organismal Menu:

BIOL 3220	Comparative Anatomy	4
BIOL 3230	Vertebrate Embryology	4
BIOL 3260	Animal Physiology	4
BIOL 3680	* General Entomology	4
BIOL 4267	Plant Development	4
BIOL 4277	Neurobiology	4
BIOL 4357	Ethology	3
BIOL 4487	* Paleontology	4
BIOL 4767	Plant Physiology	4

Population Menu:

BIOL 3350	Ecology	4
BIOL 3460	* Invertebrate Zoology	4
BIOL 4337	Plant Systematics	4
BIOL 4360	Evolution	3
BIOL 4367	Systems Ecology	3
BIOL 4737	Conservation Biology	4
BIOL 4747	Population Genetics	4
BIOL 4867	Marine Biology	4

Biodiversity Menu:

BIOL 3410	Vertebrate Zoology	4
BIOL 3420	Plant Biology	4
BIOL 3460	Invertebrate Zoology	4
BIOL 3480	General Entomology	4
BIOL 4047	Ecological Field Trip	3
BIOL 4247	Appalachian Flora	3
BIOL 4257	Appalachian Fauna	3
BIOL 4337	* Plant Systematics	4
BIOL 4450	Bryophytes, Ferns, and Seed Plants	4
BIOL 4477	Ornithology	4
BIOL 4487	* Paleobotany	4
HSCI 3320/21	General Microbiology Lecture/Lab	4

Credit Hour Requirements

Total Hours Required for Degree 120 Credit Hours

General Education 42
(includes General Chemistry)

Math requirement 4 Credit Hours

Biochemistry Concentration 65-68 Credit Hours
(excludes General Chemistry)

General Elective 6-9 Credit Hours

Program Options:

Biochemistry. Quillen College of Medicine. Approved students who have completed “Biochemistry of Macromolecules” (BIOL 4147) and “Biochemistry of Metabolism” (BIOL 4167) may enroll for one of the courses indicated below during their last semester of coursework.

BIOL 5010	Biomed. Sci. I, Molecular Organization of Cells	3
BIOL 5020	Biomedical Science II, Gene Expression	3
BIOL 5030	Biomedical Science III, Cellular Anatomy	3

Research. Research is strongly advised for students with good academic records, especially those planning advanced study. Research Orientation (BIOL 3992, 2 hours) is available in the sophomore year. The student should consult with an advisor concerning research opportunities. The following courses are recommended:

BIOL 3992	Research Orientation	2
BIOC 4900	Special Problems in Biochemistry	2-5
BIOL 4910	Research in Biology	1-4
CHEM 4900	Research in Chemistry	1-2

Chemistry. Students may take “Physical Chemistry I” (CHEM 3750, 3 hours), rather than “Principles of Physical Chemistry” (CHEM 3710, 3 hours).

The following additional chemistry courses are available:

CHEM 3110	Descriptive Inorganic	3
CHEM 3760	Physical Chemistry II	3
CHEM 4200	Principles of Instrumental Analysis	3
CHEM 4611, 21, or 31	Advanced Integrated Lab	2

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
BIOL 1110/11	Biology I Lecture/Lab	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
MATH 1910	Calculus I	4
ENGL 1010	Critical Reading & Expository Writing	3
Semester Total		15
Second Semester		Credit Hours
BIOL 1120/21	Biology II Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
MATH 1920	Calculus II	4
ENGL 1020	Critical Thinking and Argumentation	3
Semester Total		15

Sophomore Year

First Semester		Credit Hours
BIOL 1130/31	Biology III Lecture/Lab	4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
PHYS 2010/11	General Physics I Lecture/Lab	4
SPCH 2320	Argumentation and Debate	3
Semester Total		16
Second Semester		Credit Hours
BIOL 3100/41	General Genetics Lecture/Lab	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
PHYS 2020/21	General Physics II Lecture/Lab	4
Literature	.....	3
Semester Total		17

Junior Year

First Semester		Credit Hours
BIOL 4147/57	Biochemistry of Macromolecules/Lab	5
HIST 2010	The United States to 1877	3
Social/Behavioral Sciences	.....	3
Advanced Biology Course	.....	4
Semester Total		15
Second Semester		Credit Hours
BIOL 4167/77	Biochemistry of Metabolism/Lab	5
CHEM 2220/21	Quantitative Analysis Lecture/Lab	4
HIST 2020	The United States Since 1877	3
PHIL 2640	Science and the Modern World	3
Semester Total		15

Senior Year

First Semester		Credit Hours
Advanced Biology Course	.....	4
Social/Behavioral Sciences	.....	3
General Elective	.....	3
Biochemistry Concentration Requirement	.....	5
Semester Total		15
Second Semester		Credit Hours
CHEM 3710	Principles of Physical Chemistry	3
CHEM 3611	Introduction to Integrated Lab	2
Fine Arts	.....	3
Biochemistry Concentration Requirement	.....	4
Semester Total		12
Total		120

**SECONDARY BIOLOGY EDUCATION CURRICULUM
Teacher Education**

Students interested in pursuing a teacher education program for certification as a science/biology teacher are asked to see both a biology advisor (J. Leonard Robertson) and professional advisors in the College of Education; Rebecca Loyd in the Office of Student Services, 321 Warf-Pickel or Jack Rhoton in Curriculum & Instruction. The number of required credit hours and course selection in biology varies slightly from the major identified above; however, students must select education as a minor.

**Bluegrass, Old Time, and Country Music
(BLUE)**

Box 70435 Phone: (423) 439-7072
Web Address: www.etsu.edu/cass/bluegrass

Daniel Boner, Interim Director

304E Memorial Hall (Brooks Gym)
boner@etsu.edu

The Bluegrass, Old Time, and Country Music Program offers a course of study leading to the B.A. degree and a minor. The curriculum is designed for those who wish to work toward a full-time or part-time career in music, or for those with other career ambitions who seek to enrich their lives through the study of traditional Appalachian music.

Admission Procedures

Any student seeking a degree in bluegrass, old time, and country music must meet general university admission requirements. Once admitted to the university, the student must audition for admission to the degree program, either in live performance or by video, for students who live more than 150 miles from campus. The five-minute audition should demonstrate the student's technique, musicianship, and artistry. Auditions for admission to the major are held on selected dates prior to each semester (see the program's web page, www.etsu.edu/das/bluegrass for dates) and are judged by bluegrass, old time, and country music faculty.

If a student meets the audition requirements and is admitted to the major, an academic advisor will assist the student in selecting courses and planning a program of study.

B.A. Degree Core and Performance Tracks

The student will complete a core of 36 credit hours and choose between two performance tracks: vocal or instrumental. Students pursuing the vocal track must pass a guitar proficiency test or take two credit hours of class guitar or individual instruction on guitar.

Admission to the Minor

Any student seeking admission to the minor must be advised by a bluegrass, old time, and country music program advisor, who will assist the student in planning a course of study. Minors must follow procedures for band classes, individual instruction, and progression standards, as outlined below.

Advisement Procedures

All majors and minors must meet with a bluegrass, old time, and country music program academic advisor prior to registration each semester (see the program's web page, www.etsu.edu/das/bluegrass, for advisement dates). The advisor will assist students in following program requirements, will maintain advisement files, and provide class permits as needed. Advisors will also maintain records of student attendance at visiting master artist lectures and performances.

Non-Degree Students

Non-degree students may enroll in didactic, practical skills, individual instruction (depending on faculty availability), and band classes. Non-degree students must follow procedures for band classes, individual instruction, and progression standards, as outlined below.

Band Classes and Individual Instruction

Enrollment in Bluegrass, Celtic, Country, or Old Time Band, and Individual Instrumental or Vocal Instruction is by permit only after advisement. First-time band students are required to audition for placement prior to advisement. Returning freshman and sophomore band students must sign up in the Bluegrass Office (304 Memorial Hall) for a group advisement session held on selected dates prior to registration (see the program's web page, www.etsu.edu/das/bluegrass, for dates). Returning junior and senior band students must sign up for an individual advisement session in the Bluegrass Office prior to registration.

A student enrolled in a band class also must enroll in Individual Instruction on his or her principal instrument or in Individual Instruction Voice. Students will be assigned to individual instructors and receive

registration permits during advisement. An applied music fee of \$150 per credit hour is assessed for all individual instruction classes.

Progression Standards

Band class and individual instruction are offered at three levels. Any student enrolled in band class and/or individual instruction must meet program progression standards in order to advance to the next higher level. Any student majoring in Bluegrass, Old Time, and Country Music must have successfully completed three credit hours of study at Level III (4xxx) in band classes and three credit hours of study at Level III (4xxx) in individual instruction before the degree may be awarded. Band class progression will be evaluated during any of the three required performances each semester. Individual instruction progression will be evaluated via jury examinations held at the end of every semester. Progression standards are published in course syllabi.

Performance Requirements

All students enrolled in Bluegrass, Celtic, Country, and Old Time Band classes are required to perform at a minimum of three public performances during the semester. Performance dates will be provided at the beginning of each semester and listed online (see the program's web page, www.etsu.edu/das/bluegrass, for dates). Any student who inexcusably misses any scheduled performance will receive a failing grade for the semester.

Attendance at Lectures, Workshops, Master Classes, and Performances

The program hosts a wide variety of concerts, workshops, guest speakers, master artist lectures, and performances. A schedule of events can be found at <http://www.etsu.edu/das/bluegrass/schedule.aspx>.

Attendance at these events is critical to the education of a musician. All ETSU bluegrass, old time, and country music majors must submit evidence of attending a minimum of five events each semester of enrollment. Records are maintained in the student's advisement file in the Bluegrass Office.

Scholarships and Awards

Upon recommendation of the faculty, students may be awarded scholarships for achievement in bluegrass, old time, and country music. Awards vary in size and include the following:

- The Benny Sims Scholarship
- The Lester P. Seaton Scholarship
- The Ron Husky, Jr. Scholarship
- The Joe Morrell Scholarship
- The Public Performance Scholarship

More details on these scholarships can be found at: <http://www.etsu.edu/das/bluegrass/scholarships/default.aspx>

Other university-wide scholarships are available through ETSU's Scholarship Office.

Bachelor of Arts Degree (B.A.)

Bluegrass, Old Time, and Country Music Major (BLUE)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3

SPCH 2300	Public Speaking	3
Mathematics*	.....	3-4
Natural Sciences *	.....	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
Humanities*	.....	3
Social/Behavioral Sciences*	.....	6

* See the General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 34-40 Credit Hours

Foreign Language	3
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(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History	3
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*The Mathematics requirement is fulfilled with the General Education Mathematics. See ETSU Academic Proficiency Requirements for details.

Additional Optional Electives*	3-10
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A minor is required	18-24
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* See College of Arts and Sciences B.A. and B.S. degree requirements for options.

Bluegrass, Old Time, and Country

Music Core	36 Credit Hours
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All students must take the following 18 credit hours:

BLUE 1710	Intro. to Bluegrass and Country Music Theory	1
BLUE 1810	Intro. to Sound Equipment & the Recording Studio ...	1
BLUE 2240	Seminar I	1
BLUE 2710	Bluegrass and Country Music Theory I	2
BLUE 3130	Bluegrass History I	3
BLUE 3140	Bluegrass History II	3
BLUE 3240	Seminar II	1
BLUE 3710	Chart Writing and Application	2
BLUE 4130	Survey of Contemporary Bluegrass	3
BLUE 4240	Seminar III	1

Students must take 4 credit hours from the following:

BLUE 2810	Sound Reinforcement	2
BLUE 3810	Recording Engineering for Musicians	2
BLUE 3820	Record Production for Musicians	2

Students must take 7 credit hours, with at least 3 credit hours at the 4000 level, from the following:

BLUE 2510	Bluegrass Band I	1
BLUE 2520	Old Time String Band I	1
BLUE 2530	Country Band I	1
BLUE 2540	Celtic Band I	1
BLUE 3510	Bluegrass Band II	1
BLUE 3520	Old Time String Band II	1
BLUE 2530	Country Band II	1
BLUE 3540	Celtic Band II	1
BLUE 4510	Bluegrass Band III	1
BLUE 4520	Old Time String Band III	1
BLUE 4530	Country Band III	1
BLUE 4540	Celtic Band III	1

Students must take 3 credit hours from the following:

BLUE 2150	American Folk Music	3
BLUE 2380	Instrument Setup and Maintenance	3
BLUE 3120	Country Music Then and Now	3
BLUE 4147	Bluegrass and America's Music	3
BLUE 4150	Roots of Bluegrass & Country Music	3
BLUE 4230	Songwriting	3

Students must take 4 credit hours from the following:

BLUE 4257	Band Leadership Skills	4
BLUE 4810	Capstone Recording and Performance Project	4

In addition to the core, students must select one of two performance tracks:

Instrumental Performance Track

BLUE 2720	Bluegrass and Country Music Theory II	2
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Students must take 7 credit hours, with at least 3 credit hours at the 4000 level, from the following:

BLUE 2410	Guitar/Acoustic I	1
BLUE 2420	Guitar/Country Electric I	1
BLUE 2430	Mandolin I	1

BLUE 2440	Banjo/Bluegrass I	1
BLUE 2450	Banjo/Old Time I	1
BLUE 2460	Fiddle/Bluegrass I	1
BLUE 2470	Fiddle/Old Time I	1
BLUE 2480	Dobro I	1
BLUE 2490	Bass I	1
BLUE 3410	Guitar/Acoustic II	1
BLUE 3420	Guitar/Country Electric II	1
BLUE 3430	Mandolin II	1
BLUE 3440	Banjo/Bluegrass II	1
BLUE 3450	Banjo/Old Time II	1
BLUE 3460	Fiddle/Bluegrass II	1
BLUE 3470	Fiddle/Old Time II	1
BLUE 3480	Dobro II	1
BLUE 3490	Bass II	1
BLUE 4410	Guitar/Acoustic III	1
BLUE 4420	Guitar/Country Electric III	1
BLUE 4430	Mandolin III	1
BLUE 4440	Banjo/Bluegrass III	1
BLUE 4450	Banjo/Old Time III	1
BLUE 4460	Fiddle/Bluegrass III	1
BLUE 4470	Fiddle/Old Time III	1
BLUE 4480	Dobro III	1
BLUE 4490	Bass III	1

Experienced Fiddle players may substitute Fiddle Harmony I, II, or III for two hours of individual instruction (students must take Fiddle/Bluegrass I, II, or III concurrent with Fiddle Harmony).

Vocal Performance Track

BLUE 2220	Bluegrass Harmony Singing	2
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Students must take 7 credit hours, with at least 3 credit hours at the 4000 level, from the following:

BLUE 2610	Individual Instruction Voice I	1
BLUE 3610	Individual Instruction Voice II	1
BLUE 4610	Individual Instruction Voice III	1

All vocal students must pass a guitar proficiency test or take 2 credit hours from the following:

BLUE 2310	Guitar I	1
BLUE 3320	Guitar II	1
BLUE 2410	Guitar/Acoustic I	1
BLUE 3410	Guitar/Acoustic II	1
BLUE 4410	Guitar/Acoustic III	1

Minor in Bluegrass, Old Time, and Country Music*

The Bluegrass, Old Time, and Country Music minor is a 21-hour program consisting of an 18-hour core and 3 credit hours of guided electives chosen in consultation with the Bluegrass advisor. The program is designed for those who wish to work toward a full-time or part-time career in music and also for those with other career ambitions but who seek to enrich their lives through music. A student wishing to pursue a minor in Bluegrass, Old Time, and Country Music needs to declare his or her intention at the earliest opportunity in order to facilitate planning.

Core Requirements

18 Credit Hours

Select from the following blocks:

Traditional Didactic Courses

BLUE 2150	American Folk Music	3
BLUE 3110	Introduction to Bluegrass Music	3
BLUE 3120	Country Music Then and Now	3
BLUE 4130	Survey of Contemporary Bluegrass	3
BLUE 4147	Bluegrass and America's Music	3
BLUE 4150	Roots of Bluegrass and Country Music	3
BLUE 4167*	Bluegrass – The First Generation	3

Practical Skills I

BLUE 4210*	Music Theory for Acoustic Players	3
BLUE 4220*	Bluegrass Harmony Part Singing	3
MUSC 1410	Theory I	2
MUSC 1411	Aural Skills I	1

Practical Skills II

BLUE 2240	Seminar I	1
BLUE 3240	Seminar II	1
BLUE 4230*	Songwriting	1
BLUE 4240	Seminar III	1

Instrumental Skills	3 Credit Hours
BLUE 2310 Guitar I.....	1
BLUE 3320 Guitar II.....	1
BLUE 2400, 3400, 4400 Bluegrass Instrument Series.....	1
Performing Groups	3 Credit Hours
BLUE 2500, 3500, 4500 Band Class Series.....	1
Guided Electives	3 Credit Hours
Any BLUE undergraduate course not counted in the 18-hour core.....	1-3
or	
SPCH 2300 Public Speaking.....	3
READ 4147 Basic Storytelling.....	1
Total Hours Required for the Minor	21 Credit Hours

Prerequisites and Corequisites

Prerequisites for Bluegrass Harmony Part Singing:

BLUE 4210 Music Theory for Acoustic Players	or
MUSC 1400 Music Fundamentals	or
MUSC 1410 Music Theory I	and
MUSC 1411 Aural Skills I	

Corequisites : ALL students enrolled in a bluegrass band course are required to also enroll in the following:

- Individual instruction on at least one (1) instrument during each semester of band.
- Vocalists must also take “Bluegrass Harmony Part Singing” at their earliest opportunity.*
- Bluegrass Seminar at least one semester each year while enrolled in a band.

*The Bluegrass, Old Time, and Country Music Minor is under revision; students should see a bluegrass advisor before registering for classes.

Suggested Course Sequence

First Semester – Fall

BLUE 1710 Introduction to Bluegrass and Country Music Theory.....	1
BLUE 2240 Seminar I (may be taken first or second semester).....	0-1
BLUE 2xx Individual Instruction I.....	1
BLUE 2xx Band Class I.....	1
ENGL 1010 Critical Reading and Expository Writing.....	3
SPCH 2300 Public Speaking.....	3
Humanities and Fine Arts*.....	3
Minor or Elective.....	3
Semester Total	15-16

Second Semester – Spring

BLUE 2240 Seminar I (may be taken first or second semester).....	0-1
BLUE 2xx Individual Instruction I.....	1
BLUE 2xx Band Class I.....	1
BLUE 2710 Bluegrass and Country Music Theory I.....	2
ENGL 1020 Critical Thinking and Argumentation.....	3
Non-U.S. History.....	3
Humanities and Fine Arts*.....	3
Minor or Elective.....	3
Semester Total	16-17

Third Semester – Fall

BLUE 2220 Bluegrass Harmony Singing or	
BLUE 2720 Bluegrass and Country Music Theory II.....	2
BLUE 3130 Bluegrass History I.....	3
BLUE 3240 Seminar II (taken either third or fourth semester).....	0-1
BLUE 3xx Individual Instruction II.....	1
BLUE 3xx Band Class II.....	1
HIST 2010 The United States to 1877.....	3
Mathematics*.....	3-4
Foreign Language course, 2020 or above.....	3
Semester Total	16-17

Fourth Semester – Spring

BLUE 1810 Introduction to Sound Equipment and the Recording Studio.....	1
BLUE 3240 Seminar II (taken either third or fourth semester).....	0-1
BLUE 3xx Individual Instruction II.....	1
BLUE 3xx Band Class II.....	1
BLUE 3710 Chart Writing and Application.....	2
HIST 2020 The United States Since 1877.....	3
Humanities and Fine Arts*.....	3
Minor or Elective.....	3
Semester Total	14-15

Fifth Semester – Fall

BLUE 2810 Sound Reinforcement (see catalog).....	0-2
BLUE 3140 Bluegrass History II.....	3
BLUE 4240 Seminar III (taken either fifth or sixth semester).....	0-1
BLUE 4xx Individual Instruction III.....	1
BLUE 4xx Band Class III.....	1
Natural Sciences*.....	4
Social and Behavioral Sciences*.....	3
Minor or Elective.....	3
Semester Total	15-16

Sixth Semester – Spring

BLUE 3810 Recording Engineering for Musicians (see catalog).....	0-2
BLUE 4240 Seminar III (taken either fifth or sixth semester).....	0-1
BLUE 4xx Individual Instruction III.....	1
BLUE 4xx Band Class III.....	1
Natural Sciences*.....	4
Social and Behavioral Sciences*.....	3
Recording Engineering for Musicians (see catalog).....	0-2
Minor or Elective.....	3
Semester Total	12-17

Seventh Semester – Fall

BLUE 3820 Record Production for Musicians (see catalog).....	0-2
BLUE 4130 Survey of Contemporary Bluegrass.....	3
BLUE 4xx Individual Instruction III.....	1
BLUE 4xx Band Class III.....	1
BLUE Elective (From the 3 credit hour BLUE core electives).....	3
Minor or Elective.....	6
Semester Total	14-16

Eighth Semester – Spring

BLUE 4257 Band Leadership Skills or	
BLUE 4810 Capstone Recording and Performance Project.....	4
Minor or Elective.....	9
Semester Total	13

Department of Chemistry (CHEM)

Box 70695

Phone: (423) 439-4367

Web Address: www.etsu.edu/chemists

The Department of Chemistry offers a course of study leading to the Bachelor of Science degree that meets the needs of students who plan a career in chemistry, who plan to teach chemistry in secondary schools, or who need a strong chemistry background for their chosen fields. It offers five concentrations designed for different career goals, a minor, and a teacher education program.

**Bachelor of Science Degree (B.S.)
Chemistry Major (CHEM)
Chemistry Concentration (CHEM)**

Chemistry—This is the recommended concentration for preprofessional students and students preparing for chemically-oriented occupations. This concentration requires a minimum of 33 credit hours of study.

A minor is required with this concentration.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing.....	3
ENGL 1020	Critical Thinking & Argumentation.....	3
SPCH 2320	Argumentation and Debate.....	3
MATH 1910	Calculus I**.....	4
CHEM 1110/11	General Chemistry I Lecture/Lab.....	4
CHEM 1120/21	General Chemistry II Lecture/Lab.....	4
HIST 2010	The United States to 1877.....	3
HIST 2020	The United States Since 1877.....	3
Literature*	.....	3
Fine Arts*	.....	3
PHIL 2640	Science and the Modern World.....	3
Social/Behavioral Sciences*	.....	6

* See the General Education Core Requirements for options.

** MATH 1840 or 1850 acceptable for Chemistry concentration.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I *
PHIL 2640	Science and the Modern World *
SPCH 2320	Argumentation and Debate *

Chemistry Concentration Requirements 25 Credit Hours

CHEM 1110/11	General Chemistry I Lecture/Lab *
CHEM 1120/21	General Chemistry II Lecture/Lab *
CHEM 2220/21	Quantitative Analysis	..... 4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	..... 5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	..... 5
CHEM 3710	Principles of Physical Chemistry Lecture	or
CHEM 3750	Physical Chemistry	..... 3
CHEM 3611	Introduction to Integrated Lab	..... 2

Plus an additional six hours of upper division courses in the Chemistry Department 6

*Satisfies TBR General Education Core Requirement.

Additional Required Courses 8 Credit Hours

PHYS 2010/11	General Physics Non-Calculus I	..... 4
and		
PHYS 2020/21	General Physics Non-Calculus II	..... 4

Minor Requirements 18-27 Credit Hours

Electives 18-27 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
CHEM 1110/11 General Chemistry I Lecture/Lab	4
MATH 1910 Calculus I	4
ENGL 1010 Critical Reading & Expos. Writing	3
HIST 2010 The United States to 1877	3
Electives	3
Semester Total	17

Second Semester	Credit Hours
CHEM 1120/21 General Chemistry II	4
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
SPCH 2320 Argumentation and Debate	3
Elective	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
CHEM 2010/11 Organic Chemistry I Lecture/Lab	5
PHYS 2010/11 General Physics Non-Calc. I Lecture/Lab	4
Literature	3
Minor Requirement	3
Semester Total	15

Second Semester	Credit Hours
CHEM 2020/21 Organic Chemistry II Lecture/Lab	5
CHEM 2220/21 Quantitative Analysis Lecture/Lab	4
PHYS 2020/21 General Physics Non-Calc. II Lecture/Lab	4
PHIL 2640 Science and the Modern World	3
Semester Total	16

Junior Year

First Semester	Credit Hours
CHEM 3750 Physical Chemistry I	3
CHEM 3611 Introductory Integrated Lab	2
Fine Arts Elective	3
Minor Requirement	3
Electives	4
Semester Total	15

Second Semester	Credit Hours
Upper Division Courses in Chemistry	6
Social/Behavioral Sciences Elective	3
Minor Requirement	3
Electives	3
Semester Total	15

Senior Year

First Semester	Credit Hours
Minor Requirement	3
Social/Behavioral Sciences	3
Minor Requirement	3
Electives	6
Semester Total	15

Second Semester	Credit Hours
Minor Requirement	3
Electives	8
Semester Total	11
Total	120

**Bachelor of Science Degree (B.S.)
Chemistry Major (CHEM)
Chemical Physics Concentration**

(Department of Chemistry and Department of Physics and Astronomy)

Chemical Physics Concentration (ACS-certified)—This is a collaborative program with the Department of Physics and Astronomy and provides students with a strong emphasis in the physical and mathematical aspects of chemistry. It is designed for students who wish to pursue careers in such fields as computational chemistry, materials science, or the many areas of nanotechnology. This concentration is a degree track program which meets the requirements for student certification by the American Chemical Society. A minor is not required with this concentration.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	..... 3
ENGL 1020	Critical Thinking & Argumentation	..... 3
SPCH 2320	Argumentation and Debate	..... 3
MATH 1910	Calculus I	..... 4
CHEM 1110/11	General Chemistry I Lecture/Lab	..... 4
CHEM 1120/21	General Chemistry II Lecture/Lab	..... 4
HIST 2010	The United States to 1877	..... 3
HIST 2020	The United States Since 1877	..... 3
Literature*		..... 3
Fine Arts*		..... 3
PHIL 2640	Science and the Modern World	..... 3
Social/Behavioral Sciences*		..... 6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I *
PHIL 2640	Science and the Modern World *
SPCH 2320	Argumentation and Debate *

Chemical Physics Requirements (ACS) 47 Credit Hours

CHEM 1110/11	General Chemistry Lecture/Lab I *
CHEM 1120/21	General Chemistry Lecture/Lab II *
CHEM 2220/21	Quantitative Analysis	..... 4
CHEM 2010/11	Organic Chemistry Lecture/Lab I	..... 5
CHEM 2020/21	Organic Chemistry Lecture/Lab II	..... 5
CHEM 3110	Descriptive Inorganic Chemistry	..... 3
CHEM 3611	Introductory Integrated Laboratory	..... 2
CHEM 3750/60	Physical Chemistry I and II	..... 6
CHEM 4010	Seminar	..... 2
CHEM 4110	Advanced Inorganic Chemistry	..... 3
CHEM 4200	Principles of Instrumental Analysis	..... 3
CHEM 4611	Advanced Integrated Lab - Dynamics**	..... 2
CHEM 4621	Advanced Integrated Lab - Structure**	..... 2
CHEM 4631	Adv. Integrated Lab-Analytical Techniques**	..... 2
CHEM 4147/57	Biochemistry of Macromolecules Lec/Lab	or
CHEM 4167/77	Biochemistry of Metabolism Lec/Lab	..... 5

Three credit hours selected from the following:

CHEM 4817	Introduction to Industrial Chemistry	..... 3
CHEM 4900	Research	..... 1-3
CHEM 4957	Special Topics	..... 3

* These courses satisfy TBR General Education Core Requirements.

** These labs may be taken in any order.

Also required 14 credit hours

MATH 1910	Calculus I *
MATH 1920	Calculus II	..... 4
PHYS 2110	Technical Physics-Calculus based	and
PHYS 2120	Technical Physics-Calculus based	..... 8-10

* This course satisfies TBR General Education Core Requirements.

Concentrations 14-15

Physics courses beyond the first year 5-6 credit hours

PHYS 3010	Classical Mechanics	or	..... 4
PHYS 3610	Introduction to Atomic and Nuclear Physics		..... 3
PHYS 3410	Modern Physics Lab		..... 2

Choice of two courses from the following list: 6-8 credit hours of Advanced Physics

PHYS 3510	Biophysics	..... 3
PHYS 3710	Electricity and Magnetism	..... 4
PHYS 4007	Computational Physics	..... 3
PHYS 4117	Kinetics and Statistical Thermo.	..... 4
PHYS 4617	Quantum Physics	..... 4

Total Credit Hours Required 114-117 credit hours

Electives (Student Choice) 3-6 credit hours

Bachelor of Science Degree (B.S.)

Chemistry Major (CHEM)

Chemistry Professional Concentration (CPRO)

Chemistry Professional—This concentration is for those students who desire a rigorous study in chemistry but whose career goals do not require an American Chemical Society-approved curriculum. A minimum of 45 credit hours is required.

A minor is required with this concentration.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	..... 3
ENGL 1020	Critical Thinking & Argumentation	..... 3
SPCH 2320	Argumentation and Debate	..... 3
MATH 1910	Calculus I	..... 4
CHEM 1110/11	General Chemistry I Lecture/Lab	..... 4
CHEM 1120/21	General Chemistry II Lecture/Lab	..... 4
HIST 2010	The United States to 1877	..... 3
HIST 2020	The United States Since 1877	..... 3
Literature*		..... 3
Fine Arts*		..... 3
PHIL 2640	Science and the Modern World	..... 3
Social/Behavioral Sciences*		..... 6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I *
PHIL 2640	Science and the Modern World *
SPCH 2320	Argumentation and Debate *

Chemistry Professional Requirements 37 Credit Hours

CHEM 1110/11	General Chemistry I Lecture/Lab *
CHEM 1120/21	General Chemistry II Lecture/Lab *
CHEM 2220/21	Quantitative Analysis	..... 4
CHEM 3110	Descriptive Inorganic Chemistry	..... 3
CHEM 2010/11	Organic Chemistry I Lecture/Lab	..... 5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	..... 5
CHEM 3750	Physical Chemistry I	..... 3

CHEM 3760	Physical Chemistry II	..... 3
CHEM 3611	Introductory Integrated Laboratory	..... 2
CHEM 4010	Seminar	..... 2
CHEM 4110	Advanced Inorganic Chemistry	..... 3
CHEM 4200	Principles of Instrumental Analysis	..... 3

Two Labs, taken in any order, from the following

CHEM 4611	Advanced Integrated Lab-Dynamics	..... 2
CHEM 4621	Advanced Integrated Lab-Structure	..... 2
CHEM 4631	Advanced Integrated Lab-Analytical Tech	..... 2

Also required 12-14 Credit Hours

MATH 1910	Calculus I *
MATH 1920	Calculus II	..... 4
PHYS 2010/11	General Physics Non-Calculus I	and
PHYS 2020/21	General Physics Non-Calculus II	or
PHYS 2110	Technical Physics I-Calculus Based	and
PHYS 2120	Technical Physics II-Calculus Based	..... 8-10

Minor Requirements 18-27 Credit Hours

Electives 0-11 Credit Hours

Total Hours Required for Degree 120 Credit Hours

*Satisfies TBR General Education Core Requirements.

Additional work in mathematics and physics would be especially useful. In addition, two years of a foreign language is strongly encouraged for those students who expect to do graduate work in chemistry.

In order to have sufficient time for advanced courses in the senior year, students are strongly encouraged to consult with the chemistry department advisor each semester.

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
CHEM 1110/11	General Chemistry I Lecture/Lab	..... 4
MATH 1910	Calculus I	..... 4
ENGL 1010	Critical Reading and Expository Writing	..... 3
SPCH 2320	Argumentation and Debate	..... 3
HIST 2010	The United States to 1877	..... 3
Semester Total		17

Second Semester		Credit Hours
CHEM 1120/21	General Chemistry II	..... 4
MATH 1920	Calculus II	..... 4
ENGL 1020	Critical Thinking and Argumentation	..... 3
HIST 2020	The United States Since 1877	..... 3
Semester Total		14

Sophomore Year

First Semester		Credit Hours
CHEM 2010/11	Organic I	..... 5
PHYS 2010/11	Physics I	..... 4
	Literature	..... 3
	Social/Behavioral Sciences	..... 3
Semester Total		15

Second Semester		Credit Hours
CHEM 2020/21	Organic Chemistry II	..... 5
CHEM 2220/21	Quantitative Analysis	..... 4
PHYS 2020/21	Physics II	..... 4
PHIL 2640	Science and the Modern World	..... 3
Semester Total		16

Junior Year

First Semester		Credit Hours
CHEM 3110	Descriptive Inorganic Chemistry	..... 3
CHEM 3750	Physical I	..... 3
CHEM 3611	Introductory Integrated Lab	..... 2
	Fine Arts	..... 3
	Minor Requirements	..... 6
Semester Total		17

Second Semester		Credit Hours
CHEM 3760	Physical II	..... 3
CHEM 4611	Advanced Integrated Lab-Dynamics	..... 2
	Social/Behavioral Sciences	..... 3
	Minor Requirements	..... 6
Semester Total		14

Senior Year

First Semester		Credit Hours
CHEM 4200	Principles of Instrumental Analysis	..... 3
CHEM 4621	Advanced Integrated Lab-Structure	..... 2
	Electives	..... 3
	Minor Requirements	..... 6
Semester Total		14

Second Semester		Credit Hours
CHEM 4110	Advanced Inorganic Chemistry	..... 3
CHEM 4631	Advanced Integrated Lab-Analytical Techniques	..... 2
CHEM 4010	Seminar	..... 2
	Electives	..... 6
Semester Total		13
Total		120

Significant deviations from this suggested schedule should be discussed with the chemistry advisor.

Course Requirements

A minimum of 53 credit hours of study is required. These include all courses required in the chemistry professional concentration (including all three advanced integrated labs, 4611, 4621, and 4631, taken in any order) and "Biochemistry of Macromolecules" (BIOL 4147) or "Biochemistry of Metabolism" (BIOL 4167) (note these have a prerequisite of BIOL 1110/11). In addition, three credit hours must be selected from the list below. "Physical Chemistry" (CHEM 3750-60) is recommended or required as a prerequisite to these courses:

CHEM 4817	Intro Indus Chem	.....	3
CHEM 4900	Research	.....	1-3
CHEM 4957	Special Topics	.....	3

**Bachelor of Science Degree (B.S.)
Chemistry Major (CHEM)
ACS Chemistry Concentration (CACS)**

ACS-Approved Chemistry—This concentration is designed for students who intend to follow a career in the field of chemistry or who intend to enter a graduate program in this science. The curriculum is based on the recommendations of, and is approved by, the American Chemical Society (ACS). As such, it is subject to change upon notice from the ACS.

A minor is not required with this concentration.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	.....	3
ENGL 1020	Critical Thinking & Argumentation	.....	3
SPCH 2320	Argumentation and Debate	.....	3
MATH 1910	Calculus I	.....	4
CHEM 1110/11	General Chemistry I Lecture/Lab	.....	4
CHEM 1120/21	General Chemistry II Lecture/Lab	.....	4
HIST 2010	The United States to 1877	.....	3
HIST 2020	The United States Since 1877	.....	3
Literature*		.....	3
Fine Arts*		.....	3
PHIL 2640	Science and the Modern World	.....	3
Social/Behavioral Sciences*		.....	6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I	.....	*
PHIL 2640	Science and the Modern World	.....	*
SPCH 2320	Argumentation and Debate	.....	*

ACS Requirements 47 Credit Hours

CHEM 1110/11	General Chemistry I Lecture/Lab	.....	*
CHEM 1120/21	General Chemistry II Lecture/Lab	.....	*
CHEM 2220/21	Quantitative Analysis	.....	4
CHEM 3110	Descriptive Inorganic Chemistry	.....	3
CHEM 2010/11	Organic Chemistry I Lecture/Lab	.....	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	.....	5
CHEM 3750/60	Physical Chemistry	.....	6
CHEM 3611	Introductory Integrated Laboratory	.....	2
CHEM 4010	Seminar	.....	2
CHEM 4110	Advanced Inorganic	.....	3

CHEM 4200	Principles of Instrumental Analysis	.....	3
CHEM 4611	Advanced Integrated Lab-Dynamics**	.....	2
CHEM 4621	Advanced Integrated Lab-Structure**	.....	2
CHEM 4631	Advanced Integrated Lab-Analy. Tech**	.....	2
BIOL 4147/57	Biochemistry of Macromolecules		

Lecture/Lab or

BIOL 4167/77	Biochemistry of Metabolism Lecture/Lab	5
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Three (3) credit hours selected from the following:

CHEM 4817	Introduction to Industrial Chemistry	3
CHEM 4900	Research	.....	1-3
CHEM 4957	Special Topics	.....	3

* Satisfies TBR General Education Core Requirement.

** These labs may be taken in any order.

Also required 12-14 Credit Hours

MATH 1910	Calculus I	.....	*
MATH 1920	Calculus II	.....	4
PHYS 2010/11	General Physics Non-Calculus I and		
PHYS 2020/21	General Physics Non-Calculus II or		
PHYS 2110	Technical Physics I-Calculus Based and		
PHYS 2120	Technical Physics II-Calculus Based	.....	8-10

*Satisfies TBR General Education Core Requirement.

Electives 17-19 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
CHEM 1110/11	General Chemistry I Lecture/Lab	..... 4
MATH 1910	Calculus I	..... 4
ENGL 1010	Critical Reading & Expository Writing	..... 3
SPCH 2320	Argumentation and Debate	..... 3
HIST 2010	The United States to 1877	..... 3
Semester Total		..... 17

Second Semester		Credit Hours
CHEM 1120/21	General Chemistry II	..... 4
MATH 1920	Calculus II	..... 4
ENGL 1020	Critical Thinking & Argumentation	..... 3
HIST 2020	The United States Since 1877	..... 3
Semester Total		..... 14

Sophomore Year

First Semester		Credit Hours
CHEM 2010/11	Organic I	..... 5
PHYS 2010/11	Physics I	..... 4
Literature		..... 3
Social/Behavioral Sciences		..... 3
Semester Total		..... 15

Second Semester		Credit Hours
CHEM 2020/21	Organic II	..... 5
CHEM 2220/21	Quantitative Analysis	..... 4
PHYS 2020/21	Physics II	..... 4
PHIL 2640	Science and the Modern World	..... 3
Semester Total		..... 16

Junior Year

First Semester		Credit Hours
CHEM 3110	Descriptive Inorganic Chemistry	..... 3
CHEM 3750	Physical I	..... 3
CHEM 3611	Introductory Integrated Lab	..... 2
Fine Arts		..... 3
Electives		..... 6
Semester Total		..... 17

Second Semester		Credit Hours
CHEM 3760	Physical II	..... 3
CHEM 4611	Advanced Integrated Lab-Dynamics	..... 3
Social/Behavioral Sciences		..... 3
Electives		..... 3
Three credit hours selected		..... 3
Semester Total		..... 14

Senior Year

First Semester		Credit Hours
CHEM 4200	Principles of Instrumental Analysis	..... 3
CHEM 4621	Advanced Integrated Lab-Structure	..... 2
Electives		..... 3
BIOL 4147/57	Biochem. of Macromolecules Lecture/Lab or	
BIOL 4167/77	Biochem. of Metabolism Lecture/Lab	..... 5
Semester Total		..... 13

Second Semester		Credit Hours
CHEM 4110	Advanced Inorganic Chemistry	..... 3
CHEM 4631	Advanced Integrated Lab-Analytical Techniques	..... 2
CHEM 4010	Seminar	..... 2
Electives		..... 7
Semester Total		..... 14
Total		..... 120

**Bachelor of Science Degree (B.S.)
Chemistry Major (CHEM)
Biochemistry Concentration (BIOC)**

Biochemistry Concentration—This is a joint concentration with the Department of Biological Sciences (College of Arts and Sciences) and the Department of Biochemistry (Quillen College of Medicine). The students may major in either biology or chemistry, and coursework is required in both departments. The Chemistry Department’s biochemistry concentration is approved by the American Chemical Society (ACS) and as such it is subject to change upon notice from the ACS. The student should consult frequently with an advisor to ensure completion in a judicious manner. The biology advisors are Dr. Lee Pike (pikel@etsu.edu) and Dr. Cecilia McIntosh (mcintosc@etsu.edu). The chemistry advisor is Dr. Richard Kopp (kopp@etsu.edu).

A minor is not required with this concentration.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
SPCH 2320	Argumentation and Debate	3
MATH 1910	Calculus I	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
PHIL 2640	Science and the Modern World	3
Social/Behavioral Sciences*	.....	6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1910	Calculus I	*
PHIL 2640	Science and the Modern World	*
SPCH 2320	Argumentation and Debate	*

Biochemistry Requirements 74-78 Credit Hours

BIOL 1110/11	Biology for Science Majors I/Lab	4
BIOL 1120/21	Biology for Science Majors II/Lab	4
BIOL 1130/31	Biology for Science Majors III/Lab	4
BIOL 3100	General Genetics	3
BIOL 3141	Genetics Laboratory	2
BIOL 4597	Recombinant DNA or	3
BIOL 4147/57	Biochemistry of Macromolecules and Lab	5
BIOL 4167/77	Biochemistry of Metabolism and Lab	5
CHEM 1110/11	General Chemistry I/Lab	*
CHEM 1120/21	General Chemistry II/Lab	*
CHEM 2010/11	Organic Chemistry I/Lab	5
CHEM 2020/21	Organic Chemistry II/Lab	5
CHEM 2220/21	Quantitative Analysis	4
CHEM 3110	Descriptive Inorganic Chemistry	3
CHEM 3611	Introduction to Integrated Lab	2
CHEM 3750	Physical Chemistry I	3
CHEM 3760	Physical Chemistry II	3
CHEM 4611	Advanced Integrated Lab-Dynamics **	2
CHEM 4621	Advanced Integrated Lab-Structure **	2

CHEM 4631	Adv. Integrated Lab-Analytical Techniques **	2
MATH 1910	Calculus I	*
MATH 1920	Calculus II	4
PHYS 2010/11	General Physics Non-Calculus I and	
PHYS 2020/21	General Physics Non-Calculus II or	
PHYS 2110	Technical Physics I-Calculus Based and	
PHYS 2120	Technical Physics II-Calculus Based	8-10

* Satisfies TBR General Education Core Requirement.

** These labs may be taken in any order, two of three required.

The chemistry major with a biochemistry concentration must select one (1) non-duplicated course from the following:

BIOL 3150/51	Cell Biology	5
BIOL 4647	Molecular Biology	3
BIOL 4597	Recombinant DNA Lab	3
HSCI 3320/21	General Microbiology	4
HSCI 3540	Immunology	3
PHYS 3510	Biophysics	3

Electives 0-4 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
BIOL 1110/11	Biology for Science Major I	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
MATH 1910	Calculus I	4
ENGL 1010	Critical Reading and Expository Writing	3
Semester Total		15

Second Semester		Credit Hours
BIOL 1120/21	Biology for Science Major II	4
CHEM 1120/21	General Chemistry II	4
MATH 1920	Calculus II	4
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2320	Argumentation and Debate	3
Semester Total		18

Sophomore Year

First Semester		Credit Hours
BIOL 1130/31	Biology for Science Major III	4
CHEM 2010/11	Organic I	5
PHYS 2010/11	Physics I	4
Literature	.....	3
Semester Total		16

Second Semester		Credit Hours
CHEM 2020/21	Organic II	5
CHEM 2220/21	Quantitative Analysis	4
PHYS 2020/21	Physics II	4
PHIL 2640	Science and the Modern World	3
Semester Total		16

Junior Year

First Semester		Credit Hours
BIOL 3100/41	General Genetics/Genetics Laboratory	5
CHEM 3750	Physical Chemistry I	3
CHEM 3611	Introductory Integrated Lab	2
HIST 2010	The United States to 1877	3
CHEM 3110	Descriptive Inorganic Chemistry	3
Semester Total		16

Second Semester		Credit Hours
CHEM 3760	Physical Chemistry II	3
CHEM 4611	Advanced Integrated Lab-Dynamics	2
HIST 2020	The United States Since 1877	3
Social/Behavioral Sciences	.....	3
Fine Arts	.....	3
Semester Total		14

Senior Year

First Semester		Credit Hours
CHEM 4621	Advanced Integrated Lab-Structure	2
BIOL 4147/57	Biochem. of Macromolecules Lecture/Lab	5
Social/Behavioral Sciences	.....	3
Electives	.....	3
Semester Total		13

Second Semester		Credit Hours
BIOL 4167/77	Biochem. of Metabolism Lecture/Lab	5
CHEM 4631	Advanced Integrated Lab-Analytical Techniques	2
Select one (1) non-duplicated course from the approved list	.....	3
Electives	.....	2
Semester Total		12
Total		120

Additional coursework in chemistry is recommended.

Approved students may enroll in one of the following courses in the Department of Biochemistry (Quillen College of Medicine) during their last semester of coursework:

BIOC 5100	Protein Structure and Function	3
BIOC 5350	Molecular Immunology	3
BIOC 5600	Genetics and Molecular Biology	4
BIOC 5700	Macromolecular Interactions	3

All auditions for ETSU Theatre productions are open to all students, faculty, staff, and community members. Academic credit may be earned for working on any ETSU main-stage or studio theatre productions. Those interested in performing or working as a stage manager can receive practicum credit. Those interested in technical theatre (construction and/or running crews) or design can receive Theatre Laboratory credit. In the summer, students can receive “Summer Theatre Performance” credit.

For more information, visit our web site at www.etsu.edu/theatre.

Mass Communications—The concentrations in advertising and broadcasting consist of prescribed sequences of 33 credit hours of coursework. The journalism and public relations concentrations require 36 credit hours in mass communications, and public relations also requires six credit hours in speech. In addition, public relations majors must take SPCH 2300 to satisfy the university core.

In the mass communications major, 80 credit hours must be completed outside of mass communications courses, and at least 65 of those 80 credit hours must be in traditional liberal arts subjects.

No more than 12 credit hours of transfer credit may be applied to the requirements in mass communications concentrations.

Specialized minors of 21 credit hours may be designed for individual students in advertising and broadcasting with the prior approval of the department. The Journalism Minor consists of 24 credit hours of prescribed coursework. No minor is available in public relations.

Students must consult regularly with a departmental advisor to avoid problems in scheduling. For other problems, see one of the career advisors listed below.

Students majoring in a Mass Communication concentration may not double-major or minor in another concentration in Mass Communication.

Sequence	Advisor
Advertising	Steve Marshall, D. J. Jessee
Broadcasting	Dan Brown
Dance	Cara Harker
Journalism	Mary Alice Basconi
Public Relations	John King and Lise Cutshaw
Speech	Wesley Buerkle
Theatre	Pat Cronin
Undecided	Dan Brown
Women's Studies	Karen Cajka

Communications Major (MCOM)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study. Public Relations majors must choose SPCH 2300 as part of the university core.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details*.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Communications Major Requirements 33-38 Credit Hours

B.S. Requirements 6 credit hours

PHIL 2640	Science and the Modern World	3
PHIL 2030	Practical Reasoning or	
SPCH 2320	Argumentation and Debate	3

Bachelor of Arts Degree Requirements 9-10 Credit Hours

Select MATH 1530, 1840, or 1910		3-4
Foreign Language		3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-U.S. History 3

Minor 18-27 Credit Hours

Electives 4-23 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Course Requirements for Mass Communications Majors

Advertising Concentration 37 Credit Hours

MCOM 1030	Introduction to Mass Communications	3
DIGM 2821	Desktop Publishing	4
ADVR 2070	Advertising Graphics	3
PUBR 2700	Introduction to Public Relations	3
ADVR 3240	Advertising Principles	3
ADVR 3250	Advertising Copy and Layout	3
ADVR 3270	Advertising Media Planning	3
ADVR 3750	Advertising Campaign Mgmt	3
ADVR 4730	Advertising Practices	3
MCOM 4037	Communications Law	3
ADVR 4080	Advertising Internship or Elective Approved by Advisor	3
ADVR 4250	Advertising Agency Mgmt	3

Select one of the following:

ADVR 4957	Topics in Advertising	3
RTVF 2630	Writing for Radio/TV	3
RTVF 3602	Video/Film Techniques	3
ADVR 3260	Radio/TV Advertising	3
RTVF 3661	Television Production	3

Minor— Advertising 21 Credit Hours

MCOM 1030	Introduction to Mass Communications	3
ADVR 2070	Advertising Graphics	3
ADVR 3240	Advertising Principles	3
ADVR 3250	Advertising Copy and Layout	3
ADVR 3270	Advertising Media Planning	3
ADVR 4730	Advertising Practices	3
ADVR 4250	Advertising Agency Management	3

Broadcasting Concentration 33 Credit Hours

Broadcast Management Sequence

MCOM 1030	Introduction to Mass Communications	3
RTVF 2600	Survey of Broadcasting	3
RTVF 2604/4604	Radio/TV Laboratory	3
ADVR 3260	Radio/TV Advertising	3
RTVF 3651	Radio Production or	
RTVF 3661	Television Production	3
RTVF 3671	Broadcast Programming	3
MCOM 4037	Communications Law	3
RTVF 4690	Broadcast Management	3
MCOM	Electives approved by advisor	9

OR

Broadcast News Sequence

MCOM 1030	Introduction to Mass Communications	3
RTVF 2600	Survey of Broadcasting	3
RTVF 3600	Radio/TV News	3
RTVF 3602	Video/Film Techniques	3
RTVF 3661	Television Production	3
MCOM 4037	Communications Law	3
RTVF 4600	Radio/TV Reporting and Editing	3
RTVF 4690	Broadcast Management	3
MCOM	Electives approved by advisor	9

OR

Broadcast Production/Performance Sequence

MCOM 1030	Introduction to Mass Communications	3
RTVF 2600	Survey of Broadcasting	3
RTVF 2604/4604	Radio/TV Laboratory	3
RTVF 2630	Writing for Radio/TV	3
RTVF 3602	Video/Film Techniques	3
RTVF 3640	Broadcast Performance	3
RTVF 3651	Radio Production	3
RTVF 3661	Television Production	3
MCOM 4037	Communications Law	3
RTVF 4690	Broadcast Management	3
MCOM	Elective approved by advisor	3

Journalism Concentration 36 Credit Hours

MCOM 1030	Introduction to Mass Communications	3
JOUR 2050	History and Issues of Journalism	3
JOUR 2120	Writing for Print Media I	3
JOUR 2130	Writing for Print Media II	3
JOUR 3130	In-Depth Reporting	3
JOUR 3150	Copy Editing	3
JOUR 3160	Newspaper Design	3
JOUR 3301	Photojournalism	3
MCOM 4037	Communications Law	3
JOUR 4107	Reporting Public Affairs	3

One of the following craft courses 3

JOUR 3120	Opinion Writing
JOUR 3350	Advanced Photojournalism
JOUR 4080	Journalism Internship
JOUR 4957	Topics in Journalism

One of the following conceptual courses 3

MCOM 3070	Mass Media and Society
MCOM 4040	Seminar in Mass Communications

Minor — Journalism Concentration 24 Credit Hours

JOUR 2050	History and Issues of Journalism	3
JOUR 2120	Writing for Print Media I	3
JOUR 2130	Writing for Print Media II	3
JOUR 3150	Copy Editing	3
JOUR 3160	Newspaper Design	3
MCOM 4037	Communications Law	3

Two of the following 6

JOUR 3120	Opinion Writing
JOUR 3130	In-Depth Reporting
JOUR 3301	Photojournalism
JOUR 4107	Reporting Public Affairs
JOUR 4957	Topics in Journalism

Public Relations Concentration 42 Credit Hours

MCOM 1030	Introduction to Mass Communications	3
PUBR 2700	Introduction to Public Relations	3
JOUR 2120	Writing for Print Media I	3
PUBR 2770	Writing for Public Relations	3
RTVF 2630	Writing for Radio/TV	3
JOUR 3150	Copy Editing	3
ADVR 3240	Advertising Principles	3
RTVF 3602	Video/Film Techniques	3
PUBR 3770	Public Relations Publications	3
MCOM 4037	Communications Law	3
PUBR 4730	Public Relations Practices	3
PUBR 4080	Public Relations Internship	3

Additional courses required:

SPCH 3390	Persuasion	3
SPCH 4357	Communication in Organizations	or
SPCH 4346	Business & Professional Communication	3

Note: Public Relations majors must choose SPCH 2300 to satisfy the communication core component.

Speech Major (SPCH)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
Mathematics*		3-4
Natural Sciences*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social/Behavioral Sciences*		6

**See the General Education Core Requirements for options.*

Note: Public Relations majors must choose SPCH 2300 to satisfy the Communication core component.

Speech Major Requirements 36-38 Credit Hours

Allied Requirements 6 credit hours

Social Statistics (PSYC 3100, CJCR 3000, or SOAA 3350) 3

Research Design for Social Science

(SPCH 3300, ANTH 4627, CJCR 2000, GEOG 2310, GEOG 4807, PSYC 3100/01, or SOCI 3210) 3

B.S. Requirements 6 credit hours

Select Math 1530 or MATH 1910	.....	*
8 credit hours of single laboratory science	.....	*
PHIL 2640 Science and the Modern World	.....	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	.....	3

** Satisfies TBR General Education Core Requirements (subject to departmental restrictions)*

** Satisfies TBR General Education Requirement.*

Minor 18-27 credit hours

Electives 1-13 credit hours

Total Hours Required for Degree 120 credit hours

OR

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1840, or 1910 *

Foreign Language 3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/col/college/language/students/placement.aspx>)

1 course of Non-U.S. History 3

Minor Requirements 18-26 Credit Hours

Electives 8-20 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Course Requirements for Speech Majors

Speech 36 Credit Hours

Take the following:

SPCH 2330 Communication Theory 3

One of the following research courses:

SPCH 3300 Analysis and Criticism: Qualitative 3

SPCH 3330 Communication Research: Quantitative 3

SPCH 3340 Rhetorical Criticism 3

One of the following presentation courses:

SPCH 3346 Speaking for Social Change 3

SPCH 3380 Dynamics of Group Leadership 3

SPCH 4346 Business and Professional Communication 3

One of the following diversity courses:

SPCH 4200 Gender and Communication 3

SPCH 4356 Intercultural Communication 3

Approved Speech Diversity Elective 3

The remaining 24 credit hours must come from SPCH courses of the student's choosing, at least 18 of which must be at the 3000 or 4000 level. Please note, SPCH 1300 does not count toward the Speech major requirements.

Speech Major Teacher Education

Students interested in pursuing a teacher education program for certification as a speech communication teacher must consult regularly with two advisors—one in the College of Arts and Sciences AND one in the Office of Student Services, 321 Warf-Pickel Hall, College of Education.

Speech Minor Course Requirements

Students pursuing a minor in Speech must complete 21 credit hours of Speech courses. The minor consists of nine credit hours in core courses and a minimum of 12 more credit hours in Speech to be selected in consultation with a Speech advisor.

Core Courses 21 Credit Hours

- SPCH 2330 Communication Theory 3**
- Advanced Presentation Elective (choose one) 3**
- SPCH 3346 Speaking for Social Change*
- SPCH 3380 Dynamics of Group Leadership
- SPCH 4346 Business and Professional Communication
- Diversity Elective (choose one) 3**
- SPCH 3346 Speaking for Social Change*
- SPCH 4200 Gender Communication
- SPCH 4356 Intercultural Communication
- Speech Electives** 12**

* SPCH 3346 may only count as either an Advanced Presentation Elective or a Diversity Elective.
 ** The selected courses may consist of any Speech offerings as long as they do not include SPCH 1300. A minimum of six of the 12 credit hours must be at the 3000/4000 level.

**Suggested Curriculum Guide
 Bachelor of Science Degree
 Social and Behavioral Sciences Option**

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading/Expository Writing	3
MATH 1530 Probability & Statistics	3
Science	4
Major Course	3
Communication: Oral Communication	3
Semester Total	16
Second Semester	Credit Hours
ENGL 1020 Critical Thinking/Argumentation	3
Science	4
Social Statistics Elective	3
HIST 2010 The United States to 1877	3
Major Course	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Literature	3
HIST 2020 The United States Since 1877	3
Fine Arts	3
Reasoning & Argumentation	3
Major Course	3
Semester Total	15
Second Semester	Credit Hours
Social/Behavioral Sciences	3
Research Design	3
Humanities	3
Writing-Intensive	3
Major Course	3
Semester Total	15

Junior Year

First Semester	Credit Hours
Social/Behavioral Sciences	3
Writing-Intensive	3
Oral Communication Intensive	3
Using Information Technology Intensive	3
Major Course	3
Semester Total	15
Second Semester	Credit Hours
Writing-Intensive	3
Oral Communication Intensive	3
Using Information Technology Intensive	3
Elective	3
Semester Total	12

Senior Year

First Semester	Credit Hours
Writing-Intensive	3
Minor Course	3
Major Course	3
Electives	4-7
Semester Total	13-16

Second Semester	Credit Hours
Minor Course	3
Major Course	3
Electives	3-9
Semester Total	9-15
Total	120

**Suggested Curriculum Guide
 Bachelor of Science Degree**

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading/Expository Writing	3
MATH 1910 Calculus I	4
Science	4
Major Course	3
Communication: Oral Communication	3
Semester Total	17
Second Semester	Credit Hours
ENGL 1020 Critical Thinking/Argumentation	3
Science	4
HIST 2010 The United States to 1877	3
Major Course	3
Semester Total	13

Sophomore Year

First Semester	Credit Hours
ENGL Literature	3
Science	4
HIST 2020 The United States Since 1877	3
Fine Arts	3
Major Course	3
Semester Total	16
Second Semester	Credit Hours
Science (See General Education Core)	4
Social/Behavioral Science	3
Humanities/Fine Arts Elective	3
Writing-Intensive	3
Major Course	3
Semester Total	16

Junior Year

First Semester	Credit Hours
Institutions & Society	3
Writing-Intensive	3
Oral Communication Intensive	3
Using Information Technology Intensive	3
Major Course	3
Semester Total	15
Second Semester	Credit Hours
Writing-Intensive	3
Oral Communication Intensive	3
Using Information Technology Intensive	3
Major Course	3
Semester Total	12

Senior Year

First Semester	Credit Hours
Writing-Intensive	3
Minor Courses	3-6
Major Courses	3-6
Electives	3-6
Semester Total	12-21
Second Semester	Credit Hours
Minor Courses	3-6
Major Courses	3-6
Electives	4-7
Semester Total	10-19
Total	120

**Suggested Curriculum Guide for the
 Bachelor of Arts Degree**

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading/Expository Writing	3
MATH 1530 Probability & Statistics	3
Foreign Language (2XXX)	3
Major Course	3
Communication: Oral Communication	3
Semester Total	15
Second Semester	Credit Hours
ENGL 1020 Critical Thinking/Argumentation	3
Science (See General Education Core)	4
Foreign Language (2XXX)	3
HIST 2010 The United States to 1877	3
Major Course	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Literature	3
HIST 2020 The United States Since 1877	3
Fine Arts	3
Science	4
Major Course	3
Semester Total	16

Second Semester	Credit Hours
Social/Behavioral Sciences	3
Non-United States History	3
Humanities	3
Writing-Intensive	3
Major Course	3
Semester Total	15

Junior Year

First Semester	Credit Hours
Social/Behavioral Sciences	3
Writing-Intensive	3
Oral Communication Intensive	3
Using Information Technology Intensive	3
Major Course	3
Semester Total	15

Second Semester	Credit Hours
Elective	3
Elective	3
Writing-Intensive	3
Communication: Oral Communication	3
Major Course	3
Semester Total	15

Senior Year

First Semester Credit Hours	
Writing-Intensive	3
Major, Minor, Electives	11
Semester Total	14

Second Semester	Credit Hours
Major, Minor, Electives	14
Semester Total	14
Total	120

Theatre Major (THEA)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements for options.*

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1840, or 1910	*
Foreign Language	3
<small>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at http://www.etsu.edu/col/arts/language/students/placement.aspx)</small>	
1 course of Non-US History	3

Minor 18-24

Electives 9-22 Credit Hours

Other credits 21-33

Total Hours Required for Degree 120 Credit Hours

All students are required to take a discipline-specific exit examination.

Theatre Major 36 Credit Hours

THEA 1520 Stagecraft	3
THEA 1530 Stagecraft II	3
THEA 2510 Acting I	3
THEA 2420 Theatre Design Basics	3
THEA 2530 Dramatic Structure	3

Six credit hours chosen from: 6

THEA 3520 Theatre History I	3
THEA 3525 Theatre History II	3
THEA 3535 Musical Theatre History	3

Four credit hours chosen from: 4

THEA 1800 Theatre Laboratory	1
THEA 2605 Theatre Practicum	1
THEA 2800 Theatre Laboratory	1
THEA 3800 Theatre Laboratory	1
THEA 4607 Theatre Practicum	1
THEA 4800 Theatre Laboratory	1

Eleven credit hours chosen from: 11

Any courses listed below or any course with a THEA prefix not included above.

MJSC 1040 Class Voice	3
DANC 2125 Jazz Dance	1
DANC 2150 Tap Dance	1
PHED 2230 Fencing	1
ENGL 3030 Drama	3
ENGL 4030 Modern Drama	3
ENGL 4200 Shakespeare and His Age	3
RTVF 3640 Broadcast Performance	3
STOR 4147 Basic Storytelling	3

Theatre Minor Course Requirements

Theatre Minor Requirements 21 Credit Hours

THEA 1520 Stagecraft I	3
THEA 1530 Stagecraft II	3
THEA 2510 Acting I	3
THEA 2530 Dramatic Structure	3

Three credit hours chosen from: 3

THEA 3520 Theatre History I	
THEA 3525 Theatre History II	
THEA 3535 Musical Theatre History	

Six credit hours chosen from: 6

THEA 1800 Theatre Laboratory	
THEA 2605 Theatre Practicum	
THEA 2800 Theatre Laboratory	
THEA 3800 Theatre Laboratory	
THEA 4607 Theatre Practicum	
THEA 4800 Theatre Laboratory	
THEA 2500 Creative Drama	
THEA 2525 Stage Makeup	
THEA 2540 Theatre Design Basics	
THEA 3330 Scenic Design	
THEA 3335 Lighting Design	
THEA 3345 Costume Design	
THEA 3400 Acting for the Camera I	
THEA 3530 Play Direction	
THEA 3435 Acting for the Camera II	
THEA 3500 Voice and Diction	
THEA 3510 Acting II	
THEA 3512 The Audition Process	
THEA 3515 Theatre Movement	
THEA 3625 Advanced Stage Makeup	
THEA 4417 Teaching Theatre Grades K-12	
THEA 4527 Advanced Scenographic Design	
THEA 4537 Advanced Play Direction	
THEA 4557 Playwriting	
THEA 4637 Theatre Management	
THEA 4647 Theatre Architecture and Design	
THEA 4707 Theatre Internship	
THEA 4857 Period Acting Styles	
THEA 4867 Summer Theatre Performance	
THEA 4900 Independent Studies	
THEA 4957 Special Topics in Theatre	
DANC 2125 Jazz Dance I	
DANC 2150 Tap Dance	
PHED 2230 Fencing	
ENGL 3030 Drama	
ENGL 4030 Modern Drama	

ENGL 4200 Shakespeare and His Age
 RTVF 3640 Broadcast Performance
 STOR 4147 Basic Storytelling

Theatre Major Teacher Education

Students interested in pursuing a teacher education program for certification as a theatre teacher must consult regularly with two advisors—one in the College of Arts and Sciences and one in the Office of Student Services, 321 Warf-Pickel Hall, College of Education.

**Suggested Curriculum Guide
 Bachelor of Arts Degree**

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading/Expository Writing	3
MATH 1530 Probability & Statistics	3
Foreign Language (2xxx)*	3
Communication: Oral Communication	3
THEA 1520 Stagecraft	3
Semester Total	15

Second Semester	Credit Hours
ENGL 1020 Critical Thinking/Argumentation	3
Science	4
Foreign Language (2xxx)*	3
HIST 2010 The United States to 1877	3
THEA 1530 Stagecraft II	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Minor/General Education Elective*	3
Science	4
Humanities/Fine Arts/Literature*	3
HIST 2020 The United States Since 1877	3
THEA 2530 Dramatic Structure (WI)	3
or	3
THEA 2420 Theatre Design Basics (UIT)	3
Semester Total	16

Second Semester	Credit Hours
Minor/General Education Elective*	3
Social/Behavioral Sciences*	3
Non-United States History Elective*	3
Humanities/Fine Arts/Literature*	3
THEA 2510 Acting I (OI)	3
Semester Total	15

Junior Year

First Semester	Credit Hours
Minor/General Education Elective * (WI)	3
Minor/General Education Elective * (OI)	3
Social/Behavioral Sciences*	3
THEA 2530 Dramatic Structure (WI) or	3
THEA 2420 Theatre Design Basics (UIT)	3
THEA 2xxx or 3xxx Perform/Design Elective*	3
THEA 2800 Theatre Laboratory or	3
THEA 2605 Theatre Practicum	1
Semester Total	16

Second Semester	Credit Hours
Minor/General Education Elective *	3
Minor/General Education Elective *	3
Minor/General Education Elective *	3
THEA 3xxx Theatre History Elective* (WI)	3
THEA 2605 Theatre Practicum or	3
THEA 3800 Theatre Laboratory	1
Semester Total	13

Senior Year

First Semester	Credit Hours
Humanities/Fine Arts/Literature*	3
Minor/General Education Elective *	3
THEA 3xxx Theatre History Elective*	3
THEA 3xxx or 4xxx Perform/Design Elective	3
THEA 4607 Theatre Practicum or	3
THEA 4800 Theatre Laboratory	1
Semester Total	13

Second Semester	Credit Hours
Minor/General Education Elective *	3
Minor/General Education Elective *	3
THEA 3xxx or 4xxx Perform/Design Elective	6
THEA 4607 Theatre Practicum or	3
THEA 4800 Theatre Laboratory	1
Semester Total	13
Total	120

Graduate Study - The Department of Communication also offers a master's degree. See the Graduate Catalog for further information.

**Department of Criminal Justice and Criminology
 (CJCR)**

Box 70555

Phone (423) 439-5346

Web Address: www.etsu.edu/crimjust

Program Objectives—The criminal justice and criminology program of East Tennessee State University seeks to accomplish four major objectives:

1. To develop a critical understanding of crime and the role and function of the criminal justice system in a democratic society.
2. To provide courses of instruction that complement the education received by students in related disciplines.
3. To prepare students for professional service in the criminal justice system.
4. To provide an opportunity for persons currently serving in criminal justice professions to advance their level of education.

The criminal justice and criminology curriculum is highly interdisciplinary, encompassing the study of law, the social and behavioral sciences, and other academic areas. Consistent with the above objectives, the curriculum seeks a careful balance of theoretical inquiry and applied knowledge and features a core curriculum that all majors are required to complete.

The Department of Criminal Justice and Criminology offers the Bachelor of Science degree in Criminal Justice and Criminology, the Bachelor of Arts degree in Criminal Justice and Criminology, and the Master of Arts degree in Criminal Justice and Criminology.

Departmental Honors Program

The Criminal Justice Honors-in-Discipline program will provide students with an additional opportunity to reach their full academic potential. Students who are accepted into the honors program will enroll in the same courses as other students, but will be required to complete extra assignments (e.g., papers, readings, projects) in their classes. Students will also be required to write a Senior Honors Thesis. Out-of-state tuition waivers will be available for students accepted into the program and some Academic Performance Scholarships may be available for Tennessee residents only.

The minimum requirements for application to the honors program are as follows:

Entering Freshmen:

High School GPA of 3.2 or a minimum ACT composite score of 25

Entering after Freshman year:

Overall GPA of 3.2, a Criminal Justice GPA of 3.5 and having earned no more than 60 credit hours

Transfer Students:

Overall GPA of 3.5

Students will also be asked to submit a personal statement and two letters of reference with their applications. For further information or an application, please contact:

Dr. Wayne Gillespie, Director
 Criminal Justice Honors-in-Discipline Program
 Department of Criminal Justice and Criminology
 Box 70555
 Johnson City, TN 37614
 (423) 439-4704

Criminal Justice and Criminology (CJCR)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.
 See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
Mathematics*		3-4
Natural Sciences*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social/Behavioral Sciences*		6

*See the General Education Core Requirements for options.

Criminal Justice and Criminology

Major Requirements	42 Credit Hours
B.S. Requirements	6 credit hours
MATH 1530 or 1910	*
Eight hours of single laboratory science	*
PHIL 2640 Science and the Modern World	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3

OR

B.A. Requirements	9-10 Credit Hours
Select MATH 1530, 1840, or 1910	3-4
Foreign Language	3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/colas/language/students/placement.aspx>)

Non U.S. History	3
Minor	18-26 Credit Hours
Electives	0-19 Credit Hours
Total Hours Required for Degree	120 Credit Hours

**CRIMINAL JUSTICE AND CRIMINOLOGY
 B.S./B.A. REQUIREMENTS**

1. Completion of General Education Core Requirements of the university and requirements of the College of Arts and Sciences B.A. or B.S.
 2. Completion of criminal justice and criminology core curriculum as follows:

CJCR 1100	Introduction to Criminal Justice	3
CJCR 2540	Criminal Law	3
CJCR 3000	Statistics for Criminal Justice and Criminology	3
CJCR 3010	Research Methods for CJCR	3
CJCR 3300	Criminal Justice Ethics	3
CJCR 3310	Criminology	3
CJCR 4680	Issues in Criminal Justice Policy and Criminology Research	3
TOTAL		21
 3. Completion of 21 hours of selective CJCR elective courses: **21**
 4. Completion of a minor to be selected in consultation with the director of advising in the department.
- Total hours required in major:42**

Other Requirements:

- a. Must complete a minimum of 27 hours at ETSU in the Department of Criminal Justice and Criminology.
- b. Must maintain a minimum grade point average of 2.50 in criminal justice and criminology coursework completed at ETSU.

No grade earned in a criminal justice and criminology major core course below a 2.0 (C) will be accepted.

**Suggested Course Sequence for
 Criminal Justice & Criminology B.S. Majors
 Freshman Year**

First Semester		Credit Hours
CJCR 1100	Introduction to Criminal Justice	3
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1530	Probability & Statistics	3
Natural Science		4
HIST 2010	The United States to 1877	3
Semester Total		16
Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
Social/Behavioral Sciences		3
Natural Science		4
Communication: Oral Communication		3
HIST 2020	The United States Since 1877	3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
CJCR 2540	Criminal Law	3
Literature		3
Fine Arts		3
Social/Behavioral Sciences		3
Elective		3
Semester Total		15
Second Semester		Credit Hours
CJCR 3300	Criminal Justice Ethics	3
CJCR 3310	Criminology	3
CJCR 3000	Statistics for Criminal Justice	3
Humanities/Fine Arts Elective		3
Elective		3
Semester Total		15

Junior Year

First Semester		Credit Hours
CJCR 3010	Research Methods for Criminal Justice & Criminology	3
Electives, Major and Minor courses		9
Elective		3
Semester Total		15
Second Semester		Credit Hours
Electives, Major and Minor courses		9
Oral/Written/Technology Intensive		6
Semester Total		15

Senior Year

First Semester		Credit Hours
CJCR 4680	Issues in CJ Policy & Criminology Res.	3
Electives, Major and Minor courses		12
Semester Total		15
Second Semester		Credit Hours
Electives, Major and Minor courses		13
Semester Total		13
Total		120

Minor in Criminal Justice and Criminology

Students minoring in criminal justice and criminology must complete 18 semester credit hours as follows:

CJCR 1100	Introduction to Criminal Justice	3
CJCR 2540	Criminal Law	3
CJCR 3310	Criminology	3
Electives in Criminal Justice and Criminology		9
(Six of the 9 hours must be at the 3000 or 4000 level.)		
TOTAL		18

Field Experience Program

Students majoring (B.S./B.A. degree) in criminal justice and criminology are encouraged to enroll in the field experience program during their senior year. The program is designed to integrate academic preparation with practice in the criminal justice system. Student interest in this program will be discussed with the director of undergraduate advisement in the course of general advisement. A limited number of positions are available.

Application for field experience should be made to the director of field experience during the spring semester. Selection is made by a faculty committee. It is offered during summer semesters only.

Department of English (ENGL)

Box 70683

Phone: (423) 439-4347

Web Address: www.etsu.edu/cas/English

English is the study of human thought, feeling, and communication through the experience of literature, language, and writing. The study of English helps one to understand the human condition as it emerges in cultural contexts, to examine ideas, and to think and write clearly, critically, and effectively.

The Department of English offers programs leading to teaching careers, to further study at the graduate level, and to professions requiring a broad liberal education, such as law, public relations, and government service. The department also offers a wide variety of electives for nonmajors seeking to diversify their educational programs.

Major—The English major consists of 36 credit hours above the freshman level. All English majors are expected to complete a minor in another area of study with no overlapping between the major and an interdisciplinary minor. English majors must meet requirements for the B.A. in the College of Arts and Sciences.

Nonteaching Majors—The major who does not seek teacher certification must complete at least 36 hours, as specified below:

**Bachelor of Arts Degree (B.A.)
English Major (ENGL)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Science*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language 3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History 3

*The Mathematics requirement is fulfilled with the General Education Mathematics.

English Major Requirements 36 Credit Hours

ENGL 2110 or 2120 and 2210 or 2220* (3 hours satisfies Humanities/Literature) (or Honors Equivalent)	6
ENGL 2330 or 2430*	3
ENGL 3000-level courses (3)	9
ENGL 4000-level courses (2)	6
ENGL Electives (4 at 3000/4000 level)	12

Students may elect to complete a 12-hour Writing Emphasis or Language Emphasis in place of 12-hour general elective requirement in English.

*Must include 3 hours from ENGL 2110 or 2120 and 3 hours from 2210 or 2220. Remaining 3 hours may be taken from ENGL 2330 or 2430 if desired.

English majors should consult with the English Department's Director of Undergraduate Studies and their advisors to assure that their coursework fulfills departmental curricula.

- Credit from the 3000 level must include a genre course and either a language course or literary criticism.
- Credit from the 4000 level must include at least 3 hours from ENGL 4700 (Chaucer), 4690 (Milton), or 4200 (Shakespeare).
- Students may elect to complete a 12-hour Writing Emphasis or Language Emphasis in place of 12-hour general elective requirements in English

Departmental Honors—The department offers an Honors Program consisting of 18 credit hours of honors courses, including a senior thesis, which can become part of an English major or minor. Students may enter the Honors Program with a high school GPA of 3.2 and one of the following: ACT score of 25, an equivalent SAT, or an AP score of 4 in English. Transfers and students already enrolled at ETSU must meet slightly different criteria. Please contact the program director, Dr. Karen Kornweibel, at (423) 439-5996 or kornweib@etsu.edu for further information.

Teaching majors—The major who seeks teacher certification must complete at least 36 hours, as specified below. Thirty-three (33) credit hours must come from the following specified courses in English:

- ENGL 2110 American Literature I
- ENGL 2120 American Literature II
- ENGL 2210 British Literature I
- ENGL 2220 British Literature II
- ENGL 2330 World Literature
- or 2430 European Literature
- ENGL 3010 Poetry
- or 3020 Fiction
- or 3030 Drama
- or 3040 Literary Nonfiction
- ENGL 3100 Introduction to Linguistics
- or 3200 History of the English Language
- or 4120 Descriptive Linguistics
- or 4130 Social and Psychological Aspects of Language
- ENGL 3130 Advanced Composition
- or 4057 Writing: Theory and Teaching
- ENGL 4077 Adolescent Literature
- ENGL 4117 Grammar and Usage
- ENGL 4200 Shakespeare and His Age

Three (3) English elective hours must be taken at the 3000 or 4000 level.

In addition to the 36-hour major, students seeking certification must complete the following courses for the Teacher Education Minor:

- EDFN 2100 Orientation to the Profession of Teaching
- EDFN 2300 Foundations for Teaching
- EDFN 3301 Issues in Education
- EDFN 3310 Educational Psychology
- MEDA 3570 Instructional Technology
- SPED 2300 Exceptional Learners in School
- ENGL 4417 Teaching English in Secondary Schools
- CUAI 4417 Secondary Curriculum and Methods
- CUAI 4427 Secondary Curriculum and Methods Field Experience
- READ 4437 Reading Instruction in Middle/Secondary School

Note: CUAI 4580 is also required for licensure. See the "General Education" and "Professional Education" requirements for Secondary and K-12 certification listed under the College of Education in this catalog.

Suggested Course Sequence

A typical program of study, leading to a major in English (with foreign language requirement for B.A.), a minor in history (for example), and completion of the General Education Core = 120 hours.

Freshman Year		
First Semester		Credit Hours
ENGL 1010 Critical Reading and Expository Writing		3
HIST 2010 The United States to 1877		3
MATH 1530 Probability and Statistics		3
Science		4
Fine Arts		3
Semester Total		16

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
HIST 2020	The United States Since 1877	3
Science	.....	4
SOCI 1020	Introduction to Sociology	3
SPCH 2300	Public Speaking	3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
ENGL 2110	American Literature I or	
ENGL 2120	American Literature II	3
ENGL 2430	European Literature or	
ENGL 2330	World Literature	3
FREN 1010	Beginning French I	3
PSYC 1310	Introduction to Psychology	3
HIST 1110	World History to 1500	3
Semester Total		15

Second Semester		Credit Hours
ENGL 2210	British Literature I or	
ENGL 2220	British Literature II	3
ENGL 3270	Literature of Popular Culture	3
HIST 1120	History Since 1500	3
FREN 1012	Beginning French II	3
Elective	.....	3
Semester Total		15

Junior Year

First Semester		Credit Hours
ENGL 3010	Poetry	3
ENGL 3300	Literary Criticism	3
HIST 3720	History of Africa	3
FREN 2020	Second-Year French I	3
THEA 1030	Introduction to Theatre	3
Semester Total		15

Second Semester		Credit Hours
ENGL 3030	Drama	3
ENGL 3500	Women Authors	3
HIST 4230	Renaissance/Reformation	3
FREN 2020	Second-Year French II	3
GEOG 1120	Earth Science	4
Semester Total		16

Senior Year

First Semester		Credit Hours
ENGL 4200	Shakespeare	3
ENGL 4010	British Novel	3
PHIL 2020	Values and Society	3
HIST 4147	The Old South	3
HIST 4227	History of Rome	3
Semester Total		15

Second Semester		Credit Hours
ENGL 4022	American Poetry	3
ENGL 4012	American Novel	3
HIST 4197	Urban History	3
Elective	.....	3
Semester Total		12
Total		120

Minor in English—The minor consists of 24 credit hours above the freshman level (except for ENGL 2030, not offered for credit toward a minor), at least 18 of which must be at the 3000 or 4000 level, with a minimum of nine (9) hours at the 4000 level.

Graduate Study—The Department of English also offers a master’s degree. See the Graduate Catalog for further information.

Environmental Studies Minor (ENVS)

Box 70683 Phone: (423) 439-6679
Web Address: <http://www.etsu.edu/environmentalstudies/>

Dr. Kevin O’Donnell, Director

313 Burseson Hall
www.etsu.edu/environmentalstudies/

Students in the Environmental Studies Minor will study the social, political, and ethical implications of environmental problems and solutions. This interdisciplinary minor combines perspectives from the natural and physical sciences with perspectives from the social sciences and humanities.

This minor emphasizes service-learning and field experience, and it offers a regional focus. A number of the courses focus on the environment in the Appalachian Region, within a national and global context.

The Environmental Studies Minor, combined with training in a traditional discipline, will help prepare students for graduate study and careers in business, public health, public policy and administration, environmental law, environmental writing, and more.

The Environmental Studies Minor requires the completion of 21 hours of coursework as follows:

Environmental Studies Minor Requirements ..21 Credit Hours

ENVS 2010	The Natural Environment in Appalachia or	
ENVS 3010	Human Ecology and Environmental Education	3
ENVS 4950	Integrative Seminar in Environmental Studies	3
Electives (including at least two courses from the Sciences and two from the Social Sciences/Humanities areas, below)		15

Electives 15 Credit Hours

Sciences (choose at least 2 courses from here)

BIOL 1110/11	Biology/Lab for Science Majors	4
BIOL 4047	Ecological Field Trip	3
BIOL 4247	Appalachian Flora	3
ENVS 3400	Introduction to Air Pollution	3
ENVS 4000	Public Health Law	3
GEOG 3040	Conservation of Natural Resources	3
GEOG 3120	Intro. to Geography of Southern Appalachia	3
GEOG 2040	Earth Systems and Global Change	4
GEOG 2050	Earth Resources	3
SCED 4020	Wildlife Conservation	3

Social Sciences/Humanities (choose at least 2 courses from here)

ENGL 3040	Literary Nonfiction	3
ENGL 3050	Literature and the Environment	3
GEOG 3481	Environmental Geology	3
MGMT 4657	Strategic Environmental Mgmt. in Business	3
MGMT 4667	Environmental Law for Business	3
PHIL 3140	Environmental Philosophy	3
PHIL 3160	Native American Thinking	3
PSCI 4450	Appalachian Politics	3
SALM 3110	Interpretation of Cultural & Natural Resources	3
SALM 3130	Natural Resource Management	3
SALM 3150	Regional Outdoor Leadership and Service	3
ANTH 3250	Environmental Anthropology	3
SRVL 1020	Intro. to Service-Learning in the Community	3

Note: ENGL 3040 and SRVL 1020 count towards the Environmental Studies minor only when the topic or project focuses on environmental issues.

Film Studies Minor

FILM

Box 70683 Phone: (423) 439-6678
Web Address: www.etsu.edu/English/filmstudiesminor

Jennifer Barker

email: barkerj@etsu.edu

The Film Studies Minor seeks to educate students about film in an interdisciplinary context. The goals of this program are to encourage serious consideration of film as an art form; to explore film as a medium of communication; and to examine the power of film in shaping attitudes, values, and our understanding of society and the world.

Courses are designed to provide students with knowledge of the techniques of the filmmaking process, the historical development of film as an institution, film theory, methods of critical analysis, and the relationship of film to broader issues within various disciplines.

The Film Studies Minor requires 21 credit hours of coursework. A 12 credit hour core is required of all minors. Students may select 9 credit hours of elective courses to complete the minor course of study.

Required Core 12 Credit Hours

ENGL 3290	Introduction to Film Study	3
RTVF 2630	Writing for Radio TV	3
RTVF 3602	Video/Film Techniques	3
ENGL 4320	Film Criticism	3

Guided Electives (from the following)* 9 Credits Hours

ENGL 4290	Film Genres	3
ENGL 4507	Literature and Film	3
ENGL 4340	Topics in Film	3
SPAN 4117	Hispanic Cinema	3
CJCR 4026	Themes of Justice	3
PSCI 4957	Special Topics in Political Science whenever topic is "Politics and Film"	3

HIST 4957 Special Topics in History whenever topic is "History of Blacks on Film"	3
RTVF 4957 Topics in Broadcasting	2-6
RTVF 4680 Broadcast Practicum	2
Total Credit Hours Required for Minor	21 Credit Hours

Note: "Broadcast Practicum" may be selected by students with special interest in production and may be applied to any of the above disciplines. "Broadcast Practicum" counts above and beyond minor requirements. Can count as an elective.

With approval of the Film Studies Committee, additional special topics courses may be counted in the minor; however, no courses counting toward the student's major may be counted toward satisfying the minor's requirements.

**Department of Foreign Languages
(LANG)**

Box 70312

Phone: (423) 439-4264

Web Address: www.etsu.edu/cas/language

The Department of Foreign Languages offers courses in Chinese,* French, German, Japanese, and Spanish designed to give the student a working knowledge of a language in the areas of reading, writing, listening and speaking, and to help create in students an appreciation and understanding of languages and cultures other than their own. In addition to the cultural objective and personal satisfaction, the student will find that foreign language study is an aid in scientific study, business, foreign trade, travel, and international politics.

*The department currently offers Chinese courses through the fourth semester (CHIN 1010, 1020, 2010, 2020.)

Placement—Placement in the appropriate level of foreign language, for those students with prior language experience entering ETSU, will be determined pursuant to the published policy statement of the Department of Foreign Languages at ETSU. The statement is available on the departmental web site as well as from university offices such as the Advisement Resources Career Center. It is reprinted below:

PLACEMENT POLICY

DEPARTMENT OF FOREIGN LANGUAGES

1. Students entering ETSU and wishing to enroll in basic language courses will be placed according to their previous experience with the language. If, in the opinion of the instructor of the ETSU course for which the student has registered, the student cannot succeed in the course, the student may drop back to the previous level for audit only. Thus, if a student has been placed in Spanish 1020 and is experiencing severe difficulty with the course, the instructor may recommend that the student enroll in Spanish 1010 on a noncredit basis.
2. Our placement guidelines are as follows:
 - a. **ONE YEAR IN HIGH SCHOOL COMPLETED:** Registration in 1020 is mandatory, unless the student has taken the high school language course four years or more previously, or unless the student has received a grade lower than C- in the last course taken in the language.
 - b. **TWO YEARS IN HIGH SCHOOL COMPLETED:** Registration in 2010 is mandatory, unless the student has taken the high school language courses four or more years previously, or unless the student has received a grade lower than C- in the last course taken in the language.
 - c. **THREE YEARS IN HIGH SCHOOL COMPLETED:** Registration in 2020 is mandatory, unless the student has taken the high school language courses four years or more previously, or unless the student has received a grade lower than C- in the last course taken in the language.
 - d. **FOUR YEARS IN HIGH SCHOOL COMPLETED:** Students in this category have two options: (a) take one course taught in the target language at the 3000 or the 4000 level; (b) take the CLEP test and pass it with a sufficiently high score to receive four semesters of college credit. One of these options is mandatory, unless the student has taken the high school language courses four years or more previously, or unless the student has received a grade lower than C- in the last course taken in the language.

A minimum grade of C- (70%) is required in 1010, 1020, 2010, and 2020 to be able to take the next level of class in any foreign language. A student who gets any grade from D+ (69%) to F (59% and below) will have to retake that particular course in order to advance to the next level.

Laboratory Requirements—As part of the requirements for course credit for the 1000 and 2000 levels of foreign language study, students must complete online language laboratory work as assigned by instructor.

Foreign Students—International students whose native language is not English and whose admission to ETSU requires them to take a standardized test of English as a foreign language (e.g., TOEFL) may substitute scores that meet the admissions requirements for the foreign language requirement.

Transfer Students—Students transferring to ETSU and wishing to receive a major or a minor in a foreign language must complete at least 12 hours of upper division courses for the major or nine hours of upper division courses for the minor at ETSU.

Graduate School Requirements—Preprofessional students and students who are contemplating graduate study are advised to check the catalogs of professional and graduate schools regarding foreign language reading requirements.

Graduate Study—The Department of Foreign Languages has been approved to offer graduate courses in French, German, and Spanish that may lead to 15 credit hours of concentration in French, German, or Spanish as part of a master of arts degree in secondary education. Further information on graduate programs is contained in the School of Graduate Studies catalog.

Teacher Education—Students interested in pursuing a teacher education program for certification as a foreign language teacher are asked to see their foreign language advisor in the College of Arts and Sciences AND their professional advisor in the Office of Student Services, 321 Warf-Pickel, College of Education.

Pre-Teacher Education—Declaration of Intent—All ETSU students desiring to complete a teacher education or other public school licensure program (for initial licensure, add-on endorsement, or advanced study in education) must file a Declaration of Intent in the Office of Student Services, 321 Warf-Pickel Hall. The Declaration of Intent should be filed before 30 credit hours of coursework have been completed or, in the case of transfer and post-baccalaureate students, in the first semester at ETSU. Delay or failure to file the Declaration of Intent may result in incomplete advisement. Students who have not filed the Declaration of Intent will not be considered for admission to teacher education and may be ineligible to enroll in many professional education courses.

Professional Education Requirements—There is a total of 36 credit hours required for Professional Education. Please refer to the Education Minor section in this catalog for a list of the required courses that must be taken with the professional semester.

Students majoring in foreign languages who wish to fulfill teacher certification requirements must complete course LANG 4417, "Teaching Foreign Languages."

Several programs of study leading to the B.A. in foreign languages are available. The traditional major, with concentrations in French, German, or Spanish, emphasizes the liberal arts training needed in a variety of jobs. These include library or museum work, general business, and teaching. These curricula are designed to help prepare students for employment in fields where knowledge of a foreign language is of particular advantage. In addition to the General Education Core Requirements, there are degree requirements in the College of Arts and Sciences outlined in the earlier pages of this section.

Requirements for the different programs are as follows:

Traditional major in foreign languages, with concentrations in French, German, or Spanish - A minimum of 33 credit hours above the 1000 level, in the language of the concentration.

Coursework, as well as a portfolio, should be planned in consultation with the major advisor. Exit requirements for the major include the completed portfolio and the exit exam.

All foreign language majors also require a minor. Students may select a minor from a number of fields that will enhance their professional opportunities, such as business, communications, criminal justice, film studies, health education, history, international studies, political science, sociology, urban studies, or a second foreign language.

Languages

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

B.A. Requirements 6-7 Credit Hours

Select MATH 1530, 1840, or 1910	3-4
Select one non-US History course	3
Major	33 Credit Hours
Minor	18-27 Credit Hours
Electives	16-25 Credit Hours
Total Hours Required for Degree	120 Credit Hours

CHINESE

CHIN 1010	Beginning Chinese I	3
CHIN 1020	Beginning Chinese II	3
CHIN 2010	Intermediate Chinese I	3
CHIN 2020	Intermediate Chinese II	3

FRENCH

Major and Minor Pre-requirements 6 Credit Hours

French 1010	Beginning French I	3
French 1020	Beginning French II	3

Major Requirements 33 Credit Hours

Minor Requirements 21 Credit Hours

Credit hours to be chosen from the following:

FREN 2010	Second Year French I	3
FREN 2020	Second Year French II	3
FREN 3010	French Conversation/Composition I	3
FREN 3110	French Conversation/Composition II	3
FREN 3210	Readings in French	3
FREN 3310	French Civilization	3
FREN 3510	French Literature before 1700	3
FREN 3610	French Literature after 1700	3
FREN 4017	Advanced French Grammar	3
FREN 4117	French Drama 1600-Present	3
FREN 4217	French Literature 16th Century	3
FREN 4317	French Literature 17th Century	3
FREN 4337	French Phonetics & Pronunciation	3
FREN 4417	French Literature 18th Century	3
FREN 4517	French Literature 19th Century	3

FREN 4617	French Literature 20th Century	3
FREN 4900	Special Studies in French	3
FREN 4957	Topics in French	3

In addition to the 33 credit hours, students wishing to be certified in French must complete the following methods course, counted as an education requirement:

LANG 4417	Teaching Foreign Languages	3
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GERMAN

Major and Minor Pre-requirements 6 Credit Hours

GERM 1010	Beginning German I	3
GERM 1020	Beginning German II	3

Major Requirements 33 Credit Hours

Minor Requirements 21 Credit Hours

Credit hours to be chosen from the following:

GERM 2010	Second Year German I	3
GERM 2020	Second Year German II	3
GERM 3121	German Conversation/Composition I	3
GERM 3141	German Conversation/Composition II	3
GERM 3011	German Literature I (before 1700)	3
GERM 3021	German Literature II (1700 to present)	3
GERM 3111	German Civilization	3
GERM 4121	20th Century German Literature	3
GERM 4137	The Age of Goethe	3
GERM 4147	The German Short Narrative	3
GERM 4157	Austrian Literature	3
GERM 4167	Advanced German Grammar	3
GERM 4901	Special Studies in German	3
GERM 4957	Topics in German	3

In addition to the 33 credit hours, students wishing to be certified in German must complete the following methods course, counted as an education requirement:

LANG 4417	Teaching Foreign Languages	3
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JAPANESE

Minor Pre-requirements 6 credit hours

JAPN 1010	Beginning Japanese I	3
JAPN 1020	Beginning Japanese II	3

Minor Requirements 21 credit hours

Required Core 18 credit hours

JAPN 2010	Second Year Japanese I	3
JAPN 2020	Second Year Japanese II	3
JAPN 3015	Japanese Conversation/Composition I	3
JAPN 3025	Japanese Conversation/Composition II	3
JAPN 4015	Advanced Japanese I	3
JAPN 4025	Advanced Japanese II	3

Guided Electives (one from the following) 3 credit hours

JAPN 4975	Topics in Japanese	3
HIST 3740	History of Asia	3
HIST 4707	East Asia Since 1900	3

SPANISH

Major Requirements 33 Credit Hours

Minor Requirements 21 Credit Hours

Credit hours to be chosen from the following:

SPAN 2010	Second Year Spanish I	3
SPAN 2020	Second Year Spanish II	3
SPAN 3003	Basic Spanish Grammar	3
SPAN 3033	Hispanic Readings and Composition	3
SPAN 3113	Spanish Conversation/Composition	3
SPAN 3123	Applied Spanish: Introduction to Translation	3
SPAN 3213	Spanish Phonetics & Pronunciation	3
SPAN 3313	Civilization of Spain	3
SPAN 3413	Civilization of Latin America	3
SPAN 3513	Survey of Spanish Literature	3
SPAN 3613	Survey of Spanish-American Literature	3
SPAN 3713	Hispanic Poetry	3
SPAN 4007	Golden Age Drama	3
SPAN 4017	Advanced Spanish Grammar I	3
SPAN 4027	Advanced Spanish Grammar II	3
SPAN 4107	Cervantes	3
SPAN 4117	Hispanic Cinema	3
SPAN 4127	Intro. to the Spanish-Speaking Community	3

SPAN 4137	Translation and Community Outreach	3
SPAN 4147	Interpretation and Community Outreach	3
SPAN 4207	Nineteenth-Century Spanish Literature	3
SPAN 4307	The Generation of '98	3
SPAN 4407	Twentieth-Century Spanish Literature	3
SPAN 4507	Spanish Short Story	3
SPAN 4607	Modernist Movement in Spanish America	3
SPAN 4707	Spanish-American Theatre	3
SPAN 4737	Art at the Prado Museum	3
SPAN 4807	Spanish-American Novel	3
SPAN 4903	Special Studies in Spanish	3
SPAN 4957	Topics in Spanish	3

In addition to the 33 credit hours, students wishing to be certified in Spanish must complete the following course, counted as an education requirement:

LANG 4417	Teaching Foreign Languages	3
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Applied Spanish: Community Studies Minor...21 Credit Hours
Required Core 9 credit hours

SPAN 3123	Applied Spanish: Introduction to Translation	3
SPAN 4127	Applied Spanish: Introduction to the Spanish-Speaking Communities	3
SPAN 4137	Applied Spanish: Translation and Community Outreach OR	
SPAN 4147	Applied Spanish: Interpretation and Community Outreach	3

Courses beyond the required courses are selected in consultation with the student's advisor, based on their relevance to the student's major.

Spanish Electives 9 credit hours

SPAN 2010	Second Year Spanish I	3
SPAN 2020	Second Year Spanish II	3
SPAN 3003	Basic Spanish Grammar	3
SPAN 3113	Spanish Conversation and Composition	3
SPAN 3413	Civilization of Latin America	3
SPAN 3613	Survey of Spanish-American Literature	3
SPAN 4117	Hispanic Cinema	3
SPAN 4137	Applied Spanish: Translation and Community Outreach	3
SPAN 4147	Applied Spanish: Interpretation and Community Outreach	3
SPAN 4607	Modernist Movement in Spanish America	3
SPAN 4903	Special Studies in Spanish	1-3
SPAN 4957	Special Topics in Spanish: Migrant Education Program I & II	3
SPAN 4957	Special Topics in Spanish: The Migrant Experience	3

Interdisciplinary Elective 3 credit hours

PSCI 3830	Government and Politics of Latin America	3
GEOG 4307	Regional Geography of Latin America	3
HDAL 2340	Understanding Cultural Diversity	3
HIST 4730	Latin America: Revolution and Nationalism	3
SOAA 3700	Peoples and Cultures of Latin America	3
NRSE 4907	International Primary Health Care Practicum (Health Science Division students only)	3
SOWK 1030	Cultural Diversity	3
PUBH 4030	Community Health	3

Suggested Course Sequence for the Bachelor of Arts with a Major in Language and a Concentration in Spanish, Minor in English
Freshman Year

First Semester	Credit Hours	
Science	4	
ENGL 1010	Critical Reading and Expository Writing	3
SPAN 1010	Beginning Spanish I	3
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
Semester Total	16	
Second Semester	Credit Hours	
ENGL 1020	Critical Thinking and Argumentation	3
SPAN 1020	Beginning Spanish II	3
Science	4	
HIST 2020	The United States Since 1877	3
Social/Behavioral Sciences	3	
Semester Total	16	

Sophomore Year

First Semester	Credit Hours	
ENGL 2330	World Literature	3
SPAN 2010	Second Year Spanish I	3
Communication: Oral Communication	3	
Fine Arts Elective	3	
HIST 1110	World History to 1500	3
Semester Total	15	
Second Semester	Credit Hours	
ENGL 2130	American Literature	3
Humanities/Fine Arts Elective	3	
SPAN 2020	Second Year Spanish II	3
Social/Behavioral Sciences	3	
ENGL 3100	Introduction to Linguistics	3
Semester Total	15	

Junior Year

First Semester	Credit Hours	
ENGL 3xxx/4xxx	Elective	3
ENGL 3xxx/4xxx	Elective	3
SPAN 3003	Basic Spanish Grammar	3
SPAN 3033	Hispanic Readings and Composition	3
Elective	3	
Semester Total	15	
Second Semester	Credit Hours	
ENGL 3xxx/4xxx	Elective	3
SPAN 3313	Civilization of Spain	3
SPAN 3113	Spanish Composition and Conversation	3
SPAN 3613	Survey of Spanish-American Literature	3
Elective	1	
Semester Total	13	

Senior Year

First Semester	Credit Hours	
ENGL 4xx	Elective	3
ENGL 4xx	Elective	3
SPAN 3213	Spanish Phonetics and Pronunciation	3
SPAN 3413	Civilization of Latin America	3
Elective	3	
Semester Total	15	
Second Semester	Credit Hours	
ENGL 4xx	Elective	3
SPAN 4107	Cervantes	3
Elective	3	
SPAN 3513	Survey of Spanish Literature	3
Elective	3	
Semester Total	15	
Total	120	

Department of Geosciences (GEOG)(GEOL)

Box 70357 Phone: (423) 439-7516
315 Yoakley Hall FAX: (423) 439-7520
Web Address: www.etsu.edu/cas/geosciences

Geography

The Bachelor of Science (B.S.) program offers a major in geography. Geography is a multi-faceted discipline that embraces physical science, social science, and technology. Geographic inquiry is concerned with the spatial aspects and interrelationships within the earth's human and physical environments. The department offers a major in geography leading to the Bachelor of Science degree. A geography major will provide a student with an appropriate preparation to enter such professional areas as: location analysis, landscape analysis, cartography, remote sensing, government service, environmental intelligence, and elementary and secondary education. Coursework in geographic techniques (airphoto and map interpretation, cartography and remote sensing) also is of significant value to persons majoring in many related disciplines. The department major concentrations are in geography and geography education 7-12.

Bachelor of Science Degree (B.S.) Geography Major (GEOG)

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In additions, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives. See *ETSU Academic Proficiency Requirements for details.*

Major—A student majoring in geography must complete a minimum of 30 credit hours in geography.

TBR General Education Requirements	41 Credit Hours
Communication: Oral Communication*	3
ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
MATH 1530 Probability and Statistics	3
GEOG 1110 Earth Science: Weather and Climate	4
GEOG 1120 Earth Science: Landforms and Processes	4
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
GEOG 1012 Introduction to Cultural Geography	3
Social/Behavioral Sciences*	3

*See TBR General Education Core Requirements.

B.S. Requirements	6 credit hours
MATH 1530 Probability and Statistics	*
PHIL 2640 Science and the Modern World	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3
Single Laboratory Science	*

Geography Major Requirements **30 Credit Hours**

Required Courses	15 Credit Hours
GEOG 1013 Intro. to World Regional Geography	3
GEOG 2110 Modern Geographic Concepts	3
GEOG 3210 Cartography	3
GEOG 4007 Geography of the United States	3
GEOG 4217 Geographic Information Systems	3

Select at least (15) fifteen hours from the following:

GEOG 3010 Econ. Geography-Manuf. & Svc. Industries	3
GEOG 3020 Economic Geo. Agri. & Extractive Industries	3
GEOG 3040 Conservation of Natural Resources	3
GEOG 3060 Geomorphology	4
GEOG 3090 Meteorology & Climatology	4
GEOG 3120 Intro. to Geography of Southern App	3
GEOG 3300 Political Geography	3
GEOG 4017 Advanced Cartography	3
GEOG 4077 Seminar in Geography of Southern App	3
GEOG 4107 Urban Geography and Planning	3
GEOG 4117 Resource Management	3
GEOG 4227 Remote Sensing	3
GEOG 4237 Advanced Remote Sensing	3
GEOG 4257 Geography of Soils	3
GEOG 4267 Hydrology	4
GEOG 4307 Regional Geography	3
GEOG 4317 Advanced Geographic Information Systems	3
GEOG 4807 Advanced Field Methods	3
GEOG 4907 Independent Study in Geography	1-3

*Satisfies TBR General Education Core Requirements.

Minor Requirements	18-27 Credit Hours
Electives	16-25 Credit Hours
Total Hours Required For Degree	120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENTC 1510 Student in University	3
GEOG 1110 Earth Science: Weather and Climate	4
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
Communication: Oral Communication	3
Semester Total	16

Second Semester	Credit Hours
HIST 2020 The United States Since 1877	3
GEOG 1120 Earth Science: Landforms and Processes	4
ENGL 1020 Critical Thinking and Argumentation	3
MATH 1530 Probability & Statistics-Non-Calculus	3
GEOG 1012 Introduction to Cultural Geography	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Humanities/Fine Arts	6
Minor	3
Social/Behavioral Sciences	3
Electives	3
Semester Total	15

Second Semester	Credit Hours
GEOG 1013 Introduction to World Regional Geography	3
GEOG 2110 Modern Geography Concepts	3
GEOG 3210 Cartography	3
Minor	3
Electives	3
Semester Total	15

Junior Year

First Semester	Credit Hours
GEOG 4217 Geographic Information Systems	3
Minor	3
Humanities/Fine Arts	3
Electives	3
GEOG XXXX	3
Semester Total	15

Second Semester	Credit Hours
GEOG 4007 Geography of the United States	3
Minor	3
Electives	3
GEOG XXXX	4
Semester Total	13

Senior Year

First Semester	Credit Hours
Minor	6
GEOG XXXX	3
Electives	6
Semester Total	15

Second Semester	Credit Hours
Minor	6
Electives	9
Semester Total	15
Total	120

Transfer Students

The department will approve a major program in geography only after 10 hours have been completed at the university with at least a C average. Courses in geography taken at another institution shall count toward a major or minor only if they directly parallel courses offered by this department.

Minor in Geography

A minor in geography consists of a minimum of 20 credit hours of study (nine of which must be upper division courses). Lower-division course requirements include: GEOG 1110 or 1120 and GEOG 1012 or 1013. Consult with departmental advisor.

Geography Minor **20 Credit Hours**

GEOG 1110 Earth Science: Weather and Climate	or	
GEOG 1120 Earth Science: Landforms and Processes		4
GEOG 1012 Introduction to Cultural Geography	or	
GEOG 1013 Introduction to World Regional Geography		3
Upper-division Geography courses		9
GEOG elective		4

Minor in Geographic Information Systems

Geographic Information Systems (GIS) is a system for creating, storing, analyzing, managing, and presenting spatial data. The minor consists of 18 credit hours of study.

Geographic Information Systems Minor **18 Credit Hours**

GEOG 3210 Cartography	3
GEOG 4217 Geographic Information System	3
GEOG 4317 Advanced GIS	3
Electives	9

(Electives can be any upper- or lower-division GEOG course.)

Note: Students who choose a minor in geology will find that most of these courses carry (4) four credit hours of credit.

Teacher Education

Students interested in pursuing a teacher education program for certification as a geography teacher in grades 7-12 are asked to see a department advisor or the professional advisor in the Office of Student Services, 321 Warf-Pickel, College of Education. Students should be aware that admission to the university does not mean that one is admitted to teacher education. Students would be advised to read the requirements for admission to teacher education in the College of Education section of the undergraduate catalog, and to seek further information from that college's advisor about when one should apply for admission.

Geology

**Bachelor of Science Degree (B.S.)
Geology Major (GEOL)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

The Bachelor of Science (B.S.) program offers a major in Geology. Geology is the study of the Earth, its materials, processes, and development through time. The science of geology involves the application of knowledge about the Earth's physical system to modern problems of mineral resources, fuels and energy, engineering, physical hazards, and the environment. Geologists work with fossils and rocks to interpret the past and look to astronomy and space science in seeking answers about the origins of our planet. The study of geology provides the student with a practical and aesthetic appreciation of our planet and may be directed toward a vocation as a professional geologist or employment in one of the many associated areas.

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2320	Argumentation and Debate	3
MATH 1910	Calculus I	4
	Natural Science * (A single laboratory sequence)	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
PHIL 2640	Science and the Modern World	3
	Social/Behavioral Sciences*	6

*See TBR General Education Core Requirements.

A major in geology consists of 36 hours. The geology core requirement consists of 27 hours as listed below. An additional 9 hours of geology electives are required, as well as 24 additional hours of math and other sciences. A student choosing this major must also complete a minor. Physics, biology, chemistry, or mathematics is recommended for a minor course of study.

Geology Major Core Requirements 27

GEOL 1040	Physical Geology	4
GEOL 1050	Historical Geology	4
GEOL 3001	Mineralogy	4
GEOL 3391	Invertebrate Paleontology or	
GEOL 3395	Vertebrate Paleontology	4
GEOL 4120	Petrography	4
GEOG 4217	GIS	3
GEOL 4617	Structural Geology	4

Electives: Choose 9 hours 9

GEOL 2000	Earth Systems and Global Change	4
GEOL 2020	Scientific Methods in Earth Sciences	4
GEOL 2040	Geohazards	3
GEOL 2050	Earth Resources	3
GEOL 2480	Geology Field Methods	4
GEOL 2500	Dinosaurs: History and Evolution	2
GEOL 3120	Economic Geology	4
GEOL 3335	Introduction to Geophysics	4
GEOL 3400	Geologic Illustration	2
GEOL 3481	Environmental Geology	4
GEOL 4457	Plate Tectonics	4
GEOL 4540	Sedimentation-Stratigraphy	4
GEOL 4587	Engineering Geology	4
GEOL 4857	Principles of Hydrogeology	4
GEOL 4889	Cooperative Education	3
GEOL 4899	Senior Thesis	3
GEOL 4905	Independent Study	4

Additional Requirements 20

MATH 1920	Calculus II	4
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Any two of the following three science sequences:

PHYS 2010/11	General Physics I and	4
PHYS 2020/21	General Physics II or	4
CHEM 1110/11	General Chemistry I and	4
CHEM 1120/21	General Chemistry II or	4
BIOL 1110/11	Biology for Science Majors I and	4
BIOL 1120/21	Biology for Science Majors II	4

Minor Requirements 18-22

Electives 0-4

Total Hours Required for Degree 120

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1910	Calculus I	4
GEOL 1040	Physical Geology	4
CHEM 11011	General Chemistry I/Lab	4
Semester Total		15

Second Semester		Credit Hours
ENGL 1020	Critical Reading and Argumentation	3
GEOL 1050	Historical Geology	4
MATH 1920	Calculus II	4
CHEM 112021	General Chemistry II/Lab	4
Semester Total		15

Sophomore Year

First Semester		Credit Hours
GEOL 3001	Mineralogy	4
HIST 2010	The United States to 1877	3
PHYS 2010/11	General Physics I Lecture/Lab	4
	Fine Arts Elective	3
	Social/Behavioral Science Elective	3
Semester Total		17

Second Semester		Credit Hours
GEOL 2480	Geology Field Methods	4
PHYS 2020/21	General Physics II Lecture/Lab	4
HIST 2020	The United States Since 1877	3
SPCH 2320	Argumentation and Debate	3
PHIL 2640	Science and the Modern World	3
Semester Total		17

Junior Year

First Semester		Credit Hours
GEOL 4120	Petrography	4
	Literature Elective	3
PHIL 2640	Science and the Modern World	3
	Minor Requirements	4
Semester Total		14

Second Semester		Credit Hours
	GEOL Elective	3
	GEOL Elective	3
GEOL 4217	GIS	3
	Minor Requirements	8
Semester Total		17

Senior Year

First Semester		Credit Hours
GEOL 3391	Invertebrate Paleontology or	
GEOL 3395	Vertebrate Paleontology	4
GEOL 4617	Structural Geology	4
	Minor Requirements	7
Semester Total		15

Second Semester	Credit Hours
GEOL 4540 Sedimentation/Stratigraphy	4
GEOL Elective	3
Minor Requirements	6
Semester Total	13
Total	120 Credit Hours

**Geology Minor
(GEOL)**

A minor in geology consists of 22 hours. The course requirements are listed below.

Geology Minor Requirements	22
GEOL 1040 Physical Geology	4
GEOL 1050 Historical Geology	4
GEOL 3001 Mineralogy	4
GEOL 4120 Petrography	4
GEOL Electives	6

**Department of History
(HIST)**

Box 70672 Phone: (423) 439-4222
Web Address: www.etsu.edu/cas/history/hist.htm

History is the study of humans as revealed by the past. The study of history is an indispensable intellectual endeavor for students who desire to understand and appreciate the human condition in all its diversities as well as the historical process that has shaped their personal lives. The Department of History offers a wide array of courses in the history of Asia, Africa, Europe, Latin America, and the United States designed to acquaint students with the complexities of today's multicultural "global village" and to deepen their understanding of the events, opinions, ideas, and facts they will need to make informed political, social, and personal judgments throughout their lives. The study of history provides an appropriate background for almost any career. The history degree is particularly useful in preparation for professional and graduate studies, such as law and religion. The preprofessional historian can find a rewarding career in teaching, archival work, museums, journalism, government, administration, and other occupations that call for a strong liberal arts background.

Major—A student majoring in history must complete requirements for the B.A. or B.S.

**Bachelor of Arts (B.A.)
History Major (HIST)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements for options.*

History Major Requirements 33 Credit Hours

HIST 1110* & 1120 World Civilization	6
HIST 3410 Intro. to Historical Study	3
HIST 3000-level courses (2)**	6
HIST 4000-level courses (5)**	15
One course at either the 3000 or 4000 level**	3

** Satisfies TBR General Education Core Requirement.*

*** Of the 24 credit hours taken at the 3000 and 4000 levels, at least 6 credits must be taken in each of the general areas of United States, European, and world history.*

B.A. Requirements 3 Credit Hours

Select MATH 1530, 1840, or 1910	*
Foreign Language	3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Minor 18-27 Credit Hours

Electives 19-28 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Bachelor of Science (B.S.)
History Major (HIST)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
MATH 1530 Probability and Statistics	3
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements for options.*

History Major Requirements 39 Credit Hours

HIST 1110* & 1120 World Civilization	6
HIST 3410 Intro. to Historical Study	3
HIST 3000-level courses (2)**	6
HIST 4000-level courses (5)**	15
Social Statistics (PSYC 3100, CJCR 3000, or SOAA 3350)	3
Research Design for Social Science (PSYC 3200/01, CJCR 3010, SOCI 3210 or SOAA 4627, GEOG 2310 or 4807, or SPCH 3330)(subject to departmental restrictions)	3
One course at either the 3000 or 4000 level**	3

** Satisfies TBR General Education Core Requirement.*

*** Of the 24 credit hours taken at the 3000 and 4000 levels, at least 6 credits must be taken in each of the general areas of United States, European, and world history.*

B.S. Requirements 6 Credit Hours

MATH 1530 Probability & Statistics—Noncalculus.	*
8 credit hours of single laboratory science	*
PHIL 2640 Science and the Modern World	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3

**Satisfies TBR General Education Core Requirement.*

Minor 18-27 Credit Hours

Electives 7-16 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Minor – A minor in history requires completion of a minimum of 21 credit hours of study, including the following:

History Minor Requirements	21 Credit Hours
HIST 1110 & 1120 World Civilization	6
HIST 4000-level courses (3)*	9
HIST 3000 or 4000 level courses (2)*	6

* Of the 15 credit hours taken at the 3000 or 4000 levels, at least 3 credits must be taken in each of the general areas of United States, European, and world history.

Transfer Students—Transfer students must meet the specific requirements for the history major or minor. Regardless of the number of credits in history they transfer, they must take a minimum of two 3000-level courses and three 4000-level courses for the major, or one 3000-level course and two 4000-level courses for the minor. Transfer students must maintain a minimum average of C in courses taken in the department.

Teacher Education—Students interested in pursuing a teacher education program for certification as a history teacher in grades 7-12 are asked to see the subject area advisor in the Department of History AND the professional advisor in the Office of Student Services, 321 Warf-Pickel, College of Education.

Pre-Teacher Education—Declaration of Intent—All ETSU students desiring to complete a teacher education or other public school licensure program (for initial licensure, add-on endorsement, or advanced study in education) must file a Declaration of Intent in the Office of Student Services, 321 Warf-Pickel Hall. The Declaration of Intent should be filed before 30 credit hours of coursework have been completed or, in the case of transfer and post-baccalaureate students, in the first semester at ETSU. Delay or failure to file the Declaration of Intent may result in incomplete advisement. Students who have not filed the Declaration of Intent will not be considered for admission to teacher education and may be ineligible to enroll in many professional education courses.

Professional Education Requirements—There is a total of 36 credit hours required for Professional Education. Please refer to the Education Minor section in this catalog for a list of the required courses that must be taken with the professional semester.

Graduate Study—The Department of History offers graduate programs leading to a master of arts. Further information on graduate programs is contained in the Graduate Catalog.

Humanities/Fine Arts Minor

Box 70656 Phone: (423) 439-4425
Web Address: www.etsu.edu/cas/philosophy

Dr. Jeff Gold
 email: goldj@etsu.edu

The Humanities/Fine Arts Minor seeks to provide a base for students to construct a better understanding of the spirit and meaning of their civilization. It draws fully on other departments within the university and attempts to show the interdependence of the various disciplines. By the consideration of the vast storehouse of historical, philosophical, religious, and artistic expressions, students are better able to understand and cope with the many issues that beset humankind, and they are better able to find meaning for themselves as individuals. It is designed for the student desiring a firm background in the humanistic disciplines, and it should be of special interest to students planning to enter such professions as the ministry, law, or college teaching.

A minimum of 24 hours is required including:

HUMT 2310 Intro to the Study of Humanities/Fine Arts I	3
HUMT 2320 Intro to the Study of Humanities/Fine Arts II	3
HUMT 4950 Senior Seminar	3

Twelve hours must be upper division (3000 level or above).
 The specific courses for this program must be approved by the Humanities/Fine Arts advisor, including courses in the following disciplines:

- History
- English (literature courses)
- Art History
- Introduction to Music or Music History
- Philosophy and Humanities/Fine Arts

No courses counting toward the student's major field or Service-Learning or General Education Core courses may be counted toward satisfying the Humanities/Fine Arts Minor.

Legal Studies Minor (LGST)

Box 70651 Phone: (423) 439-4217
Web Address: www.etsu.edu/cas/philosophy/default.aspx

Dr. David Briley, Director
 email: briley@etsu.edu

Legal Studies Minor—The Legal Studies Minor is a 21-semester-hour interdisciplinary program which includes courses from the Departments of Political Science, International Affairs, and Public Administration, Criminal Justice & Criminology, Communications, Management and Marketing, and Environmental Health. The program is designed for students who are interested in the legal system and the application of the law in specific areas, and it will complement a broad range of majors.

Required courses 12 credit hours

PSCI 3200 Law and Judicial Process	3
PSCI 3230 American Constitutional Law	3
CJCR 2540 Criminal Law	3
MGMT 3310* Legal Environment of Business or	
ENVH 4000 Public Health Law	3

Guided electives 9 credit hours

Select any three courses from the following:

PSCI 3205 Constitution and Civil Liberties	3
PSCI 3210 Due Process and Adjudication	3
PSCI 3220 The Supreme Court	3
CJCR 3650 Criminal Procedure	3
ENVH 4000 Public Health Law	3
MCOM 4037 Communication Law	3
MGMT 3310 Legal Environment of Business	3
MGMT 3333 Law of Commercial Transactions	3
MGMT 4600 Personnel Law	3
PHIL 4957 Special Topics in Philosophy	
entitled "Philosophy of Law"	3

*Prerequisite for MGMT 3330, 3333, and 4600.

For advisement, see Dr. David Briley, Department of Political Science, International Affairs, and Public Administration, 219-A Rogers-Stout Hall, (423) 439-6697, e-mail: briley@etsu.edu.

Department of Mathematics and Statistics (MATH)

Box 70663 Phone: (423) 439-4349
Web Address: www.etsu.edu/math/math.htm

The Department of Mathematics and Statistics offers courses to serve a variety of programmatic needs, including coursework to support training in pure and applied mathematics, mathematics education for secondary certification, statistics, computer science, business, and the physical and life sciences. The programs of study enable students to select courses suited to a variety of career goals. Advising plays an integral role in achieving these objectives. Consequently, each student selecting mathematics as a major is assigned an advisor to assist with scheduling and career planning. A minor in mathematics is also available to the student who wishes to complement another choice for major.

Financial Support

Scholarships and loans are available for the conscientious mathematics majors who are seeking support for their education. The Edward Stanley Scholarship, Jeffrey Lynn Hightower Memorial Scholarship, Charles F. Wilkey Scholarship, Wilson-Hartsell Scholarship, Depew Scholarship, Faber-Neal Scholarship, and Roesel Awards are scholarships designated for mathematics and science majors. To encourage students to teach mathematics in the public schools of Tennessee, the Teacher Loan/Scholarship program has been instituted to cover tuition and fees at East

Tennessee State University. The interested student should consult the Financial Aid section of this catalog.

Diagnostic/Placement Program

Students admitted to the university for the first time will be placed in a mathematics course based on their ACT score (or comparable SAT score) to ensure the best possible chance for success. Moreover the Department of Mathematics and Statistics strongly recommends that each student meet with an advisor to see what mathematics courses to take based on mathematics background and program requirements.

Service Courses and General Education Requirements

Besides those mathematics courses designed for the Mathematics Major, Mathematics Minor, and other technical programs of study, there are a number of mathematics courses designed specifically to serve the needs of other programs.

Science and Technology Majors—These majors are expected to complete the three-course sequence 1720, 1840, and 1850. As electives, the interested students may wish to include coursework in linear algebra or in statistics.

General Education Requirements—See major or minor listing for courses to satisfy this requirement. To fulfill the General Education requirement in mathematics, the student must successfully complete one of the following courses: MATH 1840, MATH 1530, or MATH 1910. Undeclared majors or students in programs with no specified mathematics course should enroll in MATH 1530.

Programs of Study in Mathematics

The programs of study in mathematics available to students are briefly described here. Specific program requirements are explained in greater detail later.

Mathematics Major—The B.S. degree is available for undergraduate mathematics majors. A major must complete the mathematics core requirements and then select one of four tracks: mathematical sciences, mathematical statistics, quantitative modeling, or mathematics education. Curriculum requirements for each of the four tracks are given below. Students planning to teach mathematics at the secondary level may choose the education track. In addition, such students must complete professional education requirements for secondary education students. Students planning to pursue careers in industry or a field that utilizes statistics should choose the statistics track, while those desiring a job in research or industry utilizing areas of mathematics other than statistics should choose the quantitative modeling track. Those intending to pursue a graduate degree in mathematics should choose the mathematical sciences track. A minor is not mandatory for students majoring in mathematics.

Mathematics Minor—Students majoring in other disciplines may wish to complement their programs by completing a minor in mathematics. The program consists of 23 credit hours of mathematics as follows: 1910, 1920, 2010 are required. The remaining coursework must be selected from 2050, 2110, 2120, 2800, or upper-level (junior/senior) courses. The interested student should be advised by the undergraduate mathematics advisor.

Co-Op Program—All students are encouraged to participate in this program to gain practical experience in the applications of mathematics. Consult the chair for information.

Graduate Program—The master of science degree in mathematical sciences is available. Consult the graduate catalog for details.

Major in Mathematics Program

Overview – The requirements for the Bachelor of Science (B.S.) in mathematics are as follows:

1. Completion of the university and college general education requirements. (See the core curriculum requirements in this catalog.)
2. Completion of the mathematics core requirements listed below, as well as completion of the requirements for one of the four mathematics tracks, also listed below.

Bachelor of Science Degree (B.S.) Mathematics Major (MATH)

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU.

In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2320	Argumentation and Debate	3
MATH 1910	Calculus	4
Natural Science*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
PHIL 2640	Science and the Modern World	3
Social/Behavioral Sciences*		6

*See the General Education Core Requirements for options.

B.S. Requirements 8-10 Credit Hours

Natural Sciences: PHYS 2110/20 OR 8-10 Credit Hours

BIOL 1110/11, BIOL 1120/21 8-10 Credit Hours

(A student cannot count both "Biology for Majors" and "Biology for Non-majors" as satisfying the 8-hour science requirement. A student cannot count both "Technical Physics" and "General Physics: Non-Calculus" as satisfying the 8-hour science requirement.)

Mathematics Core Requirements 34 Credit Hours

MATH 1920	Calculus II	4
MATH 2010	Linear Algebra	3
MATH 2050	Probability & Statistics-Calculus based	3
MATH 2090	Mathematical Computing	2
MATH 2110	Calculus III	4
MATH 2120	Differential Equations	3
MATH 2800	Mathematical Reasoning	3
MATH 4010	Undergraduate Research	3
MATH 4127	Introduction to Modern Algebra	3
MATH 4217	Analysis I	3
MATH 4257	Numerical Analysis OR	
MATH 4267	Numerical Linear Algebra	3

Mathematical Sciences Track 12 Credit Hours

MATH 3340	Applied Combinatorics & Problem Solving	3
MATH 4137	Modern Algebra II	3
MATH 4337	Complex Variables	3
MATH 4347	Introduction to Graph Theory/Applications	3

OR

Mathematical Statistics Track 12 Credit Hours

MATH 3050	Statistical Modeling	3
MATH 4047	Math Statistics I	3
MATH 4057	Math Statistics II	3
MATH 4287	Applications of Statistics	3

OR

Quantitative Modeling Track 12 Credit Hours

MATH 3050	Statistical Modeling	3
MATH 3150	Mathematical Modeling	3
MATH 4337	Complex Variables	3
MATH 4347	Intro. to Graph Theory/Applications	3

OR

Mathematics Education Track 12 Credit Hours

MATH 3040	History of Mathematics	3
MATH 3150	Mathematical Modeling	3
MATH 3340	Applied Com. & Problem Solving	3
MATH 4157	Modern Geometry	3

In order to complete the requirements for teacher certification, students in the Mathematics Education Track must select a minor in education which will include:

MATH 4417 Teaching Secondary Math

Electives/Minor 22-24 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Suggested Course Sequence for Mathematics Major - All Tracks

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading & Expository Writing	3
MATH 1910 Calculus I	4
Natural Science	4
PHIL 2640 Science and the Modern World	3
Semester Total	14

Second Semester	Credit Hours
ENGL 1020 Critical Reading & Argumentation	3
MATH 1920 Calculus II	4
MATH 2010 Linear Algebra	3
Natural Science	4
Semester Total	14

Sophomore Year

First Semester	Credit Hours
MATH 2800 Mathematical Reasoning	3
MATH 2110 Calculus III	4
Social/Behavioral Sciences	3
HIST 2010 The United States to 1877	3
Elective	3
Semester Total	16

Second Semester	Credit Hours
MATH 2050 Fundamentals of Probability & Statistics	3
MATH 2090 Mathematical Computing	2
MATH 2120 Differential Equations	3
HIST 2020 The United States Since 1877	3
Elective	3
Semester Total	14

Mathematical Sciences Track

Junior Year

First Semester	Credit Hours
MATH 3340 Applied Comb. & Problem Solving	3
PHYS 2110 Technical Physics I or	
BIOL 1110/11 Biology for Science Majors	4-5
SPCH 2320 Argumentation and Debate	3
Social/Behavioral Sciences	3
Literature	3
Semester Total	16-17

Second Semester	Credit Hours
MATH 4347 Graph Theory with Applications	3
MATH 4337 Complex Variables	3
PHYS 2120 Technical Physics II or	
BIOL 1120/21 Biology for Science Majors	4-5
Electives	6
Semester Total	16-17

Senior Year

First Semester	Credit Hours
MATH 4127 Modern Algebra I	3
MATH 4217 Analysis I	3
MATH 4010 Undergraduate Research	3
Electives	6-8
Semester Total	15-17

Second Semester	Credit Hours
MATH 4137 Modern Algebra II	3
MATH 4267 Numerical Linear Algebra	3
PHIL 2640 Science and the Modern World	3
Electives	6-8
Semester Total	15-17
Total	120

Mathematical Statistics Track

Junior Year

First Semester	Credit Hours
MATH 3050 Statistical Modeling	3
MATH 4127 Modern Algebra I	3
PHYS 2110 Technical Physics I or	
BIOL 1110/11 Biology for Science Majors	4-5
SPCH 2320 Argumentation and Debate	3
Social/Behavioral Sciences	3
Semester Total	16-17

Second Semester	Credit Hours
MATH 4287 Applications of Statistics	3
PHYS 2120 Technical Physics II or	
BIOL 1120/21 Biology for Science Majors	4-5
Literature	3
Elective	6
Semester Total	16-17

Senior Year

First Semester	Credit Hours
MATH 4047 Math Stat I	3
MATH 4217 Analysis I	3
MATH 4010 Undergraduate Research	3
Elective	6-8
Semester Total	15-17

Second Semester	Credit Hours
MATH 4157 Math Stat II	3
MATH 4267 Numerical Linear Algebra	3
Fine Arts	3
Electives	6-8
Semester Total	15-17
Total	120

Mathematics Education Track

Junior Year

First Semester	Credit Hours
MATH 3340 Applied Comb. & Problem Solving	3
MATH 3040 History of Mathematics	3
PHYS 2110 Technical Physics I or	
BIOL 1110/11 Biology for Science Majors	4-5
SPCH 2320 Argumentation and Debate	3
Social/Behavioral Sciences	3
Semester Total	16-17

Second Semester	Credit Hours
MATH 3150 Mathematical Modeling	3
MATH 4157 Modern Geometry	3
PHYS 2120 Technical Physics II or	
BIOL 1120/21 Biology for Science Majors	4-5
Literature	3
Elective	3
Semester Total	16-17

Senior Year

First Semester	Credit Hours
MATH 4127 Modern Algebra I	3
MATH 4217 Analysis I	3
MATH 4010 Undergraduate Research	3
MATH 4417 Teaching Secondary Mathematics	3
Elective	3
Semester Total	15

Second Semester	Credit Hours
MATH 4267 Numerical Linear Algebra	3
Fine Arts	3
Elective	9
Semester Total	15
Total	120

Quantitative Modeling Track

Junior Year

First Semester	Credit Hours
MATH 4337 Complex Variables	3
MATH 3050 Statistical Modeling	3
MATH 3150 Mathematical Modeling	3
PHYS 2110 Technical Physics I or	
BIOL 1110/11 Biology for Science Majors	4-5
SPCH 2320 Argumentation and Debate	3
Semester Total	16-17

Second Semester	Credit Hours
PHYS 2110 Technical Physics I or	
BIOL 1120/21 Biology for Science Majors	4-5
Social/Behavioral Sciences	3
Fine Arts	3
Electives	6
Semester Total	16-17

Senior Year

First Semester	Credit Hours
MATH 4127 Modern Algebra I	3
MATH 4217 Analysis I	3
MATH 4010 Undergraduate Research	3
Electives	6
Semester Total	15

Second Semester	Credit Hours
MATH 4347 Graph Theory with Applications	3
MATH 4267 Numerical Linear Algebra	3
Fine Arts	3
Electives	6
Semester Total	15
Total	120

Recommendations

- A student who plans to major in mathematics is encouraged to:
1. Obtain a program sheet from the Department of Mathematics and Statistics which outlines the specific requirements for the selected program of study.
 2. Read the catalog to determine other requirements for the degree he/she is seeking.
 3. Work closely with an advisor. The student, and not the advisor, is responsible for knowing the program requirements for the particular degree he/she is seeking.

Department of Music (MUSC)
Box 70661 Phone (423) 439-4270
Web Address: www.etsu.edu/cas/music

The Department of Music at East Tennessee State University was established in 1946 and is a fully accredited member of the National Association of Schools of Music.

The Department of Music provides specialized training in music to prepare students for professional work or advanced study, for teaching music in the elementary and secondary schools, and for general cultural attainment.

The curriculum of the Department of Music is designed to present the learning of music as an integrated whole. Solo and ensemble performance, theoretical and historical studies, concert attendance, and electives both within and outside the department are intended to provide a balanced education.

In addition to training in the various professions of music, the department provides general music studies and activities for the non-music major, the university, and the community.

Major Fields of Study and Degrees

Undergraduate instruction in the department leads to the Bachelor of Music (BM) degree with a specialization in music education or performance. Students choosing music education will identify a specialization in instrumental, vocal, or keyboard/vocal. These students must also complete the teacher education minor, included later in this section. Students may also pursue a minor in music.

The Department of Music also offers training in the Suzuki method for flute. Courses in this program meet certification guidelines of the Suzuki Association of the Americas (SAA).

The Department of Music also offers a wide variety of courses for the non-music major. Any student can enroll in music survey and music fundamentals courses, private lessons (depending on faculty availability), ensembles, beginning voice classes, and beginning piano class.

Events

The Department of Music offers a wide variety of recitals, concerts, lectures, and other programs by students, faculty, and distinguished guest artists. Most of the programs are free and open to the public. The events schedule can be found at www.etsu.edu/cas/music/events.html.

Student Organizations

The Department of Music encourages participation in music-related student organizations. Active chapters of Percussive Arts Society, Phi Mu Alpha Sinfonia, Kappa Kappa Psi, and Sigma Alpha Iota provide social, service, and professional opportunities for both music and non-music majors.

Scholarships and Awards

Upon recommendation of the faculty, students may be awarded scholarships for talent in music. Scholarship auditions are held in February and March of each year. Details are available on the department's web page. Awards vary in size and include the following:

- The Lamar Alexander Scholarship
- The Elsie Artz Memorial Scholarship
- The Teresa Bowers Scholarship
- The Floyd Cramer Scholarship
- Ella V. Ross Scholarship
- The Mary Florence and Virgil C. Self Scholarship
- Band and Choral Performance Scholarships
- The Powell Choral Scholarship
- Richard Compton Memorial Scholarship
- W.G. Patton Scholarship
- Robert LaPella Vocal Scholarship
- Marie Hutchinson Hunter Piano Scholarship
- Walter Marshall Scholarships
- Topalian Jazz Scholarship
- Nicholas L. Tate Scholarship
- Kenton Coe Scholarship

Academic Performance Scholarships

Public Performance Scholarships

Other awards based upon academic excellence and performance ability are also available from the Department of Music.

Admission and Enrollment Policies

Any student seeking a degree in music at ETSU must first meet the general university admission requirements. Once that admission is granted, the student must audition for admission to the music degree program. Auditions are held on selected dates during the spring (see the department Web page, www.etsu.edu/cas/music, for dates), and by appointment.

The audition may be performed live or via videotape (if the student lives more than 250 miles from campus). The audition should demonstrate the student's technique and musicianship. The audition is judged by Music Department faculty.

If a student meets the audition requirements and is admitted to the program, an academic advisor will assist the student in determining courses to be taken. Students who do not meet the audition requirements may register for applied music and for ensembles and may audition again at a later date. It is not recommended that a student audition more than twice without being admitted, as the student's academic progress will be seriously delayed if a major is not declared by the sophomore year. It is recommended that students not successfully completing the theory entrance exam take music fundamentals prior to starting theory courses.

Applied Music

Music education majors must register for a minimum of seven semesters of applied music (private instruction) in their major area of performance; performance majors must register for a minimum of eight semesters. Lessons must be taken with a member of the department faculty. Students may register for either one or two credit hours per semester. Each hour of credit represents a minimum of one half-hour lesson and six hours of practice per week. A fee of \$150 per credit hour is assessed.

Admission to applied music is by audition only. Non-music majors may register for applied music when faculty loads permit. All students must have permission from the department to register for lessons.

Applied music classes are structured so students take MUSC 18xx their freshman year and MUSC 29xx their sophomore year. At the end of the freshman and sophomore years all students must pass a barrier examination in order to advance to either MUSC 29xx or upper-division MUSC 39xx status. Students failing these juries will be placed on probationary status and given one semester to raise their performance ability to achieve the next level status. Students failing their second barrier examination will be dismissed from the music program.

Jury examinations are held at the end of each semester of applied study for music majors and minors. The purpose of the jury is to determine student progress in the performance area, serve as a final exam, and be a benchmark performance showing the student's ability to advance to the next level of applied study. Applied study for music majors and minors is offered at three levels. Level I (freshman year - two semesters), Level II (sophomore year - two semesters), and Level III (upper division - junior and senior years.) Students who remain at Level I or Level II after three semesters of study will be dismissed from the music program. Students who are retained in the music program are expected to achieve Level III (upper-division standing) during their third year of study and a minimum of two semesters of study at Level III must be completed prior to graduation. Additional performance and jury requirements are found in the Music Student Handbook in D2L.

Performance Requirements

All music majors must perform a solo work in public each semester. Freshman music majors are expected to perform once during the year. "In public" includes studio class or recital, department recital, half or full recital, or other public events as approved by the applied instructor.

All music majors, regardless of concentration, must perform a 30-minute half recital. Music performance majors must also perform an hour-long full recital. A student must be admitted to Level III prior to presenting a half or full recital.

Specific information about the recital approval process is available in the Music Student Handbook on D2L.

Piano Proficiency

All music majors are required to meet minimum proficiency levels on piano. Beginning with the first semester of residence, music majors must enroll for piano study, either through group keyboard classes or through private lessons, every semester until the piano proficiency examination is passed. Students with prior piano training may request to take the piano proficiency when they enter into the music program. Music education majors must pass the examination prior to student teaching. Specific details about the examination are found in the Music Student Handbook.

Sight-Reading Proficiency

All music majors must successfully pass two sight-reading proficiency examinations. The examination is part of the jury for advancement from one level to another. Students advancing to Level II are expected to sight-read at Grade 7 on the Associated Board scale; students advancing to Level III must sight-read at Grade 8.

Independent Musicianship

All music majors must demonstrate the ability to prepare a new piece of music for performance without the assistance of a faculty member. This skill must be demonstrated at the jury during which a student applies for admission to Level III. Details about the requirement can be found in the Music Student Handbook.

Ensemble

Performing experience in ensembles is a vital part of the training of all musicians. Thus, all music majors are required to participate in a major ensemble every semester of full-time enrollment. Wind and percussion majors in the music education concentration must be in band (wind ensemble or concert band) each semester. Performance majors may substitute orchestra if they hold a regular, permanent position in the Johnson City Symphony Orchestra. Those students must enroll in MUSC 1204/3204, "Orchestra." All other string majors must enroll for orchestra at Milligan College. Voice majors must participate in choir. Keyboard majors must enroll in "Accompanying."

Students are not limited to a specific number of ensembles, but music majors must enroll for a minimum of ten (10) non-ensemble credits each semester of full-time attendance.

Recital Attendance

Attendance at recitals and concerts is considered critical to the education of a musician. All music majors must submit evidence of recital attendance for seven semesters; records are maintained in the student's advisement file in the department office. Details regarding the requirements for each semester's attendance can be found in the Student Handbook on the department web page.

Advising

All music majors will be assigned an academic advisor upon entrance to the degree program. Students should consult the major program check sheets for specific course requirements required in the Bachelor of Music degree. All majors must be advised prior to registration each semester.

Music education majors should consult an academic advisor in the College of Education for the teacher education minor.

**Bachelor of Music (BM)
Music Major (MUSC)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must

complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

**See the General Education Core Requirements.*

Music Core: 28 Credit Hours

MUSC 1410	Theory I	2
MUSC 1411	Aural Skills I	1
MUSC 1420	Theory II	2
MUSC 1421	Aural Skills II	1
MUSC 2410	Theory III	2
MUSC 2411	Aural Skills III	1
MUSC 2420	Theory IV	2
MUSC 2421	Aural Skills IV	1
MUSC 2540	Music History I	3
MUSC 2550	Music History II	3
MUSC 3540	Music History III	3
MUSC 3550	Music History IV	3
MUSC 3570	Introduction to Conducting	2
MUSC 4600	Orchestration & Arranging	2

Must enroll in Group Piano or Applied Piano until piano proficiency examination is passed.

Select One of the Following:

Music Education Instrumental

K-12 Requirements 51 Credit Hours

MUSC 1040	Class Voice OR two semesters choir	1-2
MUSC 2010	Class Piano III	1
MUSC 2020	Class Piano IV	1
MUSC 2600	String Methods	2
MUSC 2630	Woodwind Methods	3
MUSC 2660	Brass Methods	3
MUSC 2690	Percussion Methods	3
MUSC 3590	Instrumental Conducting	2
MUSC 4560	Jazz Pedagogy	2
MUSC 4570	Marching Band Methods	2
MUSC 4571	Marching Band Internship	1
MUSC 4580	Organization and Administration	3
MUSC 4590	Beginning Band/General Music Methods	3
	Applied Music	7
	Major Ensemble	7
	Electives	10

Music Education Vocal/

General K-12 Concentration 51 Credit Hours

MUSC 2010	Class Piano III	1
MUSC 2020	Class Piano IV	1
MUSC 2710	Diction I	1
MUSC 2720	Diction II	1
MUSC 3580	Choral Conducting	2
MUSC 4510	Music in Elementary School	3
MUSC 4520	Music in Secondary School	3
MUSC 4601	Vocal Pedagogy	3
MUSC 4730	Choral Literature	3
	Applied Voice	10
	Ensemble	7
	Applied Piano	3
	Foreign Language (two semesters of French, German, or Italian; not to be the same language studied in high school)	6
	Electives	10

Music Education Keyboard/Vocal K-12 51 Credit Hours

MUSC 2710 Diction I	1
MUSC 2720 Diction II	1
MUSC 3580 Choral Conducting	2
MUSC 3739 Piano Literature I	1
MUSC 3740 Piano Literature II	1
MUSC 4510 Music in Elementary School	3
MUSC 4520 Music in Secondary School	3
MUSC 4601 Vocal Pedagogy	3
MUSC 4617 Teaching Beginning Piano	3
MUSC 4730 Choral Literature	3
Applied Voice	5
Ensemble	7
Applied Piano	7
Electives	11

Total Hours Required for Degree..... 120 Credit Hours

**Bachelor of Music (BM)
Music Major (MUSC)
Performance Concentration (PERF)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements.

Music Core Requirements 28 Credit Hours

MUSC 1410 Theory I	2
MUSC 1411 Aural Skills I	1
MUSC 1420 Theory II	2
MUSC 1421 Aural Skills II	1
MUSC 2410 Theory III	2
MUSC 2411 Aural Skills III	1
MUSC 2420 Theory IV	2
MUSC 2421 Aural Skills IV	1
MUSC 2540 Music History I	3
MUSC 2550 Music History II	3
MUSC 3540 Music History III	3
MUSC 3550 Music History IV	3
MUSC 3570 Introduction to Conducting	2
MUSC 4600 Orchestration & Arranging	2

Performance Concentration

Instrumental Specialty 51 Credit Hours

MUSC 2010 Class Piano III	1
MUSC 2020 Class Piano IV	1
MUSC 3420 Counterpoint	3
MUSC 3590 Instrumental Conducting	2
MUSC 4750, 4760, 4770, or 4780 Literature in appropriate applied area	3

MUSC 4751, 4761, 4771, or 4781 Pedagogy in appropriate applied area	3
Applied Music	16
Major Ensemble	8
Chamber Ensemble	4
Electives	10

OR

Voice Specialty 51 Credit Hours

MUSC 2010 Class Piano III	1
MUSC 2020 Class Piano IV	1
MUSC 2710 Diction I	1
MUSC 2720 Diction II	1
MUSC 3420 Counterpoint	3
MUSC 3580 Choral Conducting	2
MUSC 4601 Vocal Pedagogy	3
Applied Voice	16
Ensemble	8
Music Electives	4
Electives	5
Foreign Language	6

Two (2) semesters of French, German, or Italian; not to be the same language studied in high school.

OR

Keyboard Specialty 51 Credit Hours

MUSC 3420 Counterpoint	3
MUSC 3739 Piano Literature I	1
MUSC 3740 Piano Literature II	1
MUSC 3741 Piano Literature III	1
MUSC 4510 Music in Elementary School	3
MUSC 4617 Teaching Beginning Piano	3
MUSC 4627 Teaching Intermediate Piano	3
MUSC 4637 Piano Pedagogy Practicum	1
Applied Keyboard	16
Ensemble	8
Music Electives	3
Electives	8

Total Hours Required for Degree..... 120 Credit Hours

MUSIC MINOR

Minor in Music 28 Credit Hours

Does not meet teacher certification requirements.

MUSC 1030 Introduction to Music	3
MUSC 1400 Music Fundamentals	2
MUSC 1410 Theory I	2
MUSC 1411 Aural Skills I	1
MUSC 1421 Aural Skills II	1
MUSC 2540 Music History I	3
Applied Music*	6
Ensemble	4
Electives**	6

* Minimum 6, must include at least one semester at Level II.

** Electives may be any music courses except ensembles.

Students who wish to pursue teacher certification should see the College of Education requirements.

**Department of Philosophy and Humanities
(PHIL) (HUMT)**

Box 70656

Phone: (423) 439-4425

Web Address: www.etsu.edu/cas.philosophy/default.aspx

Division of Philosophy and Religious Studies

Philosophy is an attempt to reason clearly and critically about all areas of experience: science, religion, art, politics, and morality. Its purpose is to understand and evaluate our most basic beliefs and values, then to integrate them into a coherent view of ourselves and the world.

Philosophy is an appropriate preparation for vocations that require a broad liberal education and skills in clear, creative thinking. Such vocations include law, government service, writing, the ministry, medicine, and many types of positions in business. It is especially attractive when paired with another major which teaches technical or professional skills, for example, philosophy with mass communication. In addition to the General Education

Requirements, philosophy majors must meet degree requirements in the College of Arts and Sciences. Philosophy majors may earn a B.A. or a B.S. Details of those degree requirements are found in the front of this College of Arts & Sciences section. A minor is required of all philosophy majors.

Philosophy students should be aware that all upper-division philosophy courses (excluding those required for the major) are offered only once every other year!

Transfer Students—The department will approve a major program in philosophy only after nine hours have been completed at the university with at least a C average (for a minor, six hours must be completed). Courses in religion taken at another institution shall count toward a major or minor only if they directly parallel courses offered by this department.

Graduate Study—The department offers some graduate work in philosophy. Further information on graduate programs is contained in the Graduate Catalog.

**Bachelor of Arts (B.A.) or Bachelor of Science (B.S.)
Philosophy Major (PHIA)
Philosophy Concentration (PHIL)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Philosophy Major Requirements 33 Credit Hours

A minimum of 33 hours is required (at least 24 hours of which must be upper division), including the following:

PHIL 3010 History of Ancient Philosophy	3
PHIL 3030 History of Modern Philosophy	3
PHIL 4017 Ethical Theory	3
PHIL 4077 Contemporary Continental Philosophy or	
PHIL 4087 Topics in Analytic Philosophy	3
PHIL 4950 Senior Seminar	3
PHIL 2030 Practical Reasoning or	
PHIL 3050 Symbolic Logic	3
Plus 15 hours from PHIL courses or RELI 3230	15

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1820, 1840, or 1910	*
Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at https://www.etsu.edu/cas/language/students/placement.aspx)</i>	
One course of Non-United States History	3

Minor Requirements 18-27 Credit Hours
Electives 13-22 Credit Hours
Total Hours Required For Degree 120 Credit Hours

B.S. Requirements 6 Credit Hours

MATH 1530 or 1910	**
PHIL 2640 Science and the Modern World	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3
Single Laboratory Science	**

** Satisfies TBR General Education Core Requirements.

Minor Requirements 18-27 Credit Hours
Electives 12-22 Credit Hours
Total Hours Required For Degree 120 Credit Hours

**Bachelor of Arts (B.A.) or Bachelor of Science (B.S.)
Philosophy Major (PHIA)
Philosophy and Religious Studies Concentration (RELI)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Religious Studies Concentration 33 Credit Hours

A minimum of 33 hours is required (at least 24 hours of which must be upper division), including the following:

PHIL 3010 History of Ancient Philosophy	3
PHIL 3030 History of Modern Philosophy	3
At least one (1) course in western religions	3
At least one (1) course in non-western religions	3
PHIL 4017 Ethical Theory	3
PHIL 4047 Philosophy of Religion	3
PHIL 4950 Senior Seminar	3

Additional Courses 12

The last 12 hours may include any courses in philosophy or in religious studies; they may also include the following specific courses from other departments:

ENGL 3280 Mythology	3
HIST 3910 History of Christianity	3
HIST 3920 History of Islam	3
SOAA 3800 Religion, Society, and Culture	3

B.A. Requirements 6 Credit Hours

Select MATH 1530 or 1910	*
Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at https://www.etsu.edu/cas/language/students/placement.aspx)</i>	
One course of Non-United States History	3

Minor Requirements 18-27 Credit Hours
Electives 12-22 Credit Hours
Total Hours Required For Degree 120 Credit Hours

B.S. Requirements 6 credit hours
 MATH 1530 or 1910 **
 PHIL 2640 Science and the Modern World 3
 Reasoning and Argumentation (PHIL 2030 or SPCH 2320) 3
 Single Laboratory Science **

*** Satisfies TBR General Education Core Requirements.*

Minor Requirements 18-27 Credit Hours
Electives 12-22 Credit Hours
Total Hours Required For Degree 120 Credit Hours

For students interested in preparation for seminary or divinity school, professional graduate education in theology or ministry: Many students major in philosophy with a religious studies concentration, or minor in religious studies as a way to prepare for seminary or divinity school. (The MDiv—Master of Divinity—is the standard professional degree for students preparing for a career requiring ordination to the ministry or rabbinate.) The American Association of Theological Schools advises students to major in any humanities or social science field. While previous study in the area of religious studies and philosophy is recommended, it is not required for admission to programs of professional study leading to the MDiv. RELI 3240 (“Hebrew Scriptures”) and RELI 3250 (“Greek Scriptures”) are relevant for students interested in the Christian and Jewish traditions. Students aiming to apply to university divinity schools, or whose interest in the study of religions is primarily academic (as opposed to vocational) are strongly advised to earn a B.A. degree with at least a minor in religious studies, including SOAA 3800 (“Religion, Society, and Culture”). It is also important to complete at least 6 hours in German, French, or in a classical language at the 3000 level.

**Department of Physics and Astronomy
(PHYS)(ASTR)**

Box 70652 Phone: (423) 439-4231
Web Address: www.etsu.edu/cas/physics

Physics is the study of the properties of matter, energy, radiation, and their interactions. It is generally regarded as basic to all the natural sciences, and as such is a fundamental part of the professional preparation of biologists, chemists, engineers, and other scientists and technologists.

The major program in physics provides the foundation for a broad spectrum of challenging careers in scientific and non-scientific fields. Baccalaureate physics majors find employment opportunities such as research associates in commercial and government laboratories, sales and engineering representatives for manufacturers of technical products, industrial management trainees, and teachers at the secondary school level.

Most of ETSU’s graduates in physics continue their studies in graduate and professional schools, where they specialize in a wide variety of disciplines.

Major—A major in physics at the bachelor’s level requires a minimum of 34 credit hours of study in physics. These shall include the following courses.

**Bachelor of Science Degree (B.S.)
Physics Major (PHYS)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 42 Credit Hours
 ENGL 1010 Critical Reading and Expository Writing 3
 ENGL 1020 Critical Thinking and Argumentation 3
 SPCH 2320 Argumentation and Debate 3
 MATH 1910 Calculus 4
 Natural Sciences* 8
 HIST 2010 The United States to 1877 3
 HIST 2020 The United States Since 1877 3
 Literature* 3
 Fine Arts* 3
 PHIL 2640 Science and the Modern World 3
 Social/Behavioral Sciences* 6

**See the General Education Core Requirements for options.*

Physics Major Requirements 31 Credit Hours
 PHYS 2110 Technical Physics I-Calculus based 5
 PHYS 2120 Technical Physics II-Calculus based 5
 PHYS 3010 Mechanics 4
 PHYS 3410 Modern Physics Lab 2
 PHYS 3610 Introduction to Atomic & Nuclear Physics 3
 PHYS 3710 Electricity and Magnetism 4
 PHYS 4117 Thermal and Statistical Physics 4
 PHYS 4617 Quantum Physics 4

Physics electives chosen from: 6

Choose a minimum of 6 credit hours from the list below:

ASTR 3415 Astrophysics 3
 ASTR 3970 Variable Stars 2
 ASTR 4110 Extragalactic Astronomy 4
 ASTR 4900 Independent Study in Astronomy 1-3
 PHYS 3210 Optics 4
 PHYS 3310 Electrical Measurements 4
 PHYS 3510 Introduction to Biophysics 3
 PHYS 4007 Computational Physics 3
 PHYS 4717 Electromagnetic Theory 4
 PHYS 4850 Seminar in Physics 1
 PHYS 4860 Special Topics in Physics 1-3
 PHYS 4900 Independent Studies 1-3

Additional Requirements 11

MATH 1920 Calculus II 4
 MATH 2110 Calculus III 4
 MATH 1120 Differential Equations 3

Minor 18-27 Credit Hours

Electives 3-12 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Natural Science	4
HIST 2010 The United States to 1877	3
MATH 1910 Calculus I	4
Semester Total	14

Second Semester	Credit Hours
ENGL 1020 Critical Reading and Argumentation	3
Natural Science	4
HIST 2020 The United States Since 1877	3
MATH 1920 Calculus II	4
Semester Total	14

Sophomore Year

First Semester	Credit Hours
PHYS 2110 Technical Physics I	5
Literature	3
Social/Behavioral Sciences	3
MATH 2110 Calculus III	4
Semester Total	15

Second Semester	Credit Hours
PHYS 2120 Technical Physics II	5
Minor Requirement	3
Fine Arts	3
Social/Behavioral Sciences	3
MATH 2010 Linear Algebra	3
Semester Total	17

Junior Year

First Semester	Credit Hours
PHYS 3010 Mechanics	4
PHYS 3610 Atomic and Nuclear Physics	3
MATH 2120 Differential Equations	3
Physics lab-based course	2
Minor requirement	3
Semester Total	15

One course at or above the 3000 level in each of the (5) five sub-fields:

American Politics (AP)	3 credits
Comparative Politics (CP)	3 credits
International Relations (IR)	3 credits
Political Theory (PT)	3 credits
Public Law (PL)	3 credits

Three courses to be selected freely from the Political Science, International Affairs, and Public Administration Department's offerings 9 credits

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1840, or 1910	*
Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at http://www.etsu.edu/cas/language/students/placement.aspx)</i>	
One course of Non-United States History	3

B.S. Requirements 6 credit hours

MATH 1530 or 1910	**
PHIL 2640 Science and the Modern World	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3
Single laboratory science	**

**Satisfies TBR General Education Core Requirements.

Minor Requirements 18-27 Credit Hours

Electives 6-16 Credit Hours
Total Credit Hours Required For Degree .. 120 Credit Hours

Political Science Minor 24 Credit Hours

PSCI 1110 Political Life	3 credits
PSCI 1120 Intro. to American Government	3 credits

either

PSCI 2210 Introduction to Comparative Politics or	
PSCI 2220 Introduction to World Politics	3 credits

One course at or above the 3000 level in any two of (5) five sub-fields 6 credits

Three courses to be selected freely from the Political Science, International Affairs, and Public Administration Department's offerings 9 credits

Transfer Students—Transfer students must meet the specific requirements for the major or minor and must complete at least nine credit hours and maintain a minimum grade point average of 2.0 in their courses in Political Science (see section of this catalog on transfer students for other requirements).

Teacher Education—Students interested in pursuing a teacher education program for certification as a government teacher in grades 7-12 are asked to see an advisor in the Department of Political Science, International Affairs, and Public Administration and the professional advisor in the College of Education in 321 Warf-Pickel Hall.

Pre-Teacher Education—Declaration of Intent—All students desiring to complete a teacher education program or other public school licensure program must file a Declaration of Intent in 321 Warf-Pickel Hall. For filing deadlines and other information, see the professional advisor in 321 Warf-Pickel.

Professional Education Requirements—There is a total of 36 credit hours required for professional education. Please refer to the Education Minor section in this catalog for a list of the required courses that must be taken with the professional semester.

Suggested Course Sequence for Political Science Majors*

Freshman Year

First Semester	Credit Hours
PSCI 1110 Political Life	3
ENGL 1010 Critical Reading and Expository Writing	3
Communication: Oral Communication	3
HIST 2010 The United States to 1877	3
Natural Science	4
Semester Total	16
Second Semester	Credit Hours
PSCI 1120 Introduction to American Government	3
ENGL 1020 Critical Thinking and Argumentation	3
Natural Science	4
MATH 1530 Probability and Statistics	3
HIST 2020 The United States Since 1877	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
PSCI 2210 Introduction to World Politics	3
Heritage Literature	3
Social/Behavioral Sciences	3
Minor Requirement	3
Humanities/Fine Arts	3
Semester Total	15
Second Semester	Credit Hours
Upper-Division Political Theory Course	3
Humanities/Fine Arts	3
Minor Requirement	3
Elective	3
SOCI 3210 Sociological Research	3
Semester Total	15

Junior Year

First Semester	Credit Hours
Upper-Division Comparative Politics Course	3
Upper-Division Public Law Course	3
SOCI 3444	3
Minor Requirement	3
Elective or Foreign Language	3
Semester Total	15
Second Semester	Credit Hours
Upper-Division International Relations Course	3
Minor Requirement or elective	3
Elective or Foreign Language	3
Elective	3
PSCI Elective	3
Semester Total	15

Senior Year

First Semester	Credit Hours
Upper-Division American Government Course	3
Minor Requirement or Elective	3
PSCI Elective	3
Foreign Language or PHIL 2030	3
Semester Total	12
Second Semester	Credit Hours
PSCI Elective	3
Minor Requirements or Electives	6
Electives	7
Semester Total	16
Total	120

This is only a model and may not be appropriate for all students, partly depending on whether the student is pursuing the Bachelor of Arts or one of the two options for the Bachelor of Science degree. It is highly recommended that you consult with your advisor every semester.

International Affairs Major (ITAF)

Dr. Michele Crumley, Director
 email: crumleym@etsu.edu

The International Affairs major is a study of the behavior of states, international organizations, and domestic political actors within the international community. The major provides a basis for analyzing international issues such as international cooperation and conflict, the global political economy, U.S. foreign policy, world cultures, global health and environmental concerns, and international law and organization.

Although International Affairs majors take most of their courses in political science, they also may take courses in history, economics, anthropology, public health, and other liberal arts disciplines. Beyond learning theories, concepts, and principles within the study of international relations, students in the major develop research, analytical, presentation, and communication skills. Additionally, students must acquire knowledge of at least one foreign language, and participation in study abroad programs is highly encouraged.

The International Affairs major provides excellent preparation for law school and/or graduate school, and majoring in International Affairs can lead to employment in many sectors of the economy. Potential positions of employment include policy analyst, social science teacher, international business management, foreign correspondent, consultant, legislative aide, intelligence officer, Foreign Service Office, non-governmental organization researcher or manager, Peace Corps Office, and United Nations staff member.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1840, or 1910	*
Foreign Language	3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at https://www.etsu.edu/cas/language/students/placement.aspx)</i>	
One course of Non-United States History	3

Major Field Core 15 Credit Hours

All majors are required to take fifteen credits in the major field core.

PSCI 1120	Introduction to American Government	3
PSCI 2210	Introduction to Comparative Politics	3
PSCI 2220	Introduction to World Politics	3
PSCI 3310	International Relations	3
PSCI 3750	International Law and Organizations	3

Major Field Electives 18 Credit Hours

Political Science 12 credits

Comparative Political Systems: Students must choose two courses (6 credits) from the following:

PSCI 3010	Chinese Politics	3
PSCI 3800	European Politics	3
PSCI 3830	Government and Politics of Latin America	3
PSCI 3870	Government and Politics of Southeast Asia	3
PSCI 4820	Politics of Development and Change	3

Issues in International Affairs: Students must choose two courses (6 credits) from the following:

PSCI 3000	Peace, Security, and Development	3
PSCI 3350	International Political Economy	3
PSCI 4300	International Politics	3
PSCI 4330	American Foreign Policy	3
ECON 4257	International Economics	3

Guided Electives 6 credits

Contemporary Societies and Cultures: Students must complete two 3-credit hour courses or one 6-credit hour course. The following list of courses is illustrative only. These courses or others not listed should be selected in consultation with a faculty advisor.

PSCI 4007/5007	Study Abroad	6
ANTH 1240	Introduction to Cultural Anthropology	3
SOAA 3700	Peoples and Cultures of Latin America	3
HIST 3720	History of Africa	3
HIST 3740	History of Asia	3
HIST 4730	Latin America: Revolution and Nationalism	3
SPAN 3413	Civilization of Latin America	3
HIST 3340	Modern Europe	3
PUBH 4707	International Health: An Overview of Problems and Issues	3
HIST 4717	Modern Middle East	3
ECON 4527	International Economics	3

Other Credits:

Minor Program 18-28 Credit Hours

Additional university general electives 10-22 Credit Hours

Total Credit Hours Required For Degree 120 Credit Hours

For more information regarding the International Affairs major, please contact Dr. Michele Crumley at (423) 439-6629 or crumleym@etsu.edu.

International Studies Minor (INTL)

Dr. Weixing Chen, Director

email: chen@etsu.edu

The International Studies Minor is an interdisciplinary program for students within all academic disciplines who would like to gain a greater appreciation for the global community and who wish to equip themselves better to perform in that community. The International Studies Minor seeks to broaden the academic perspectives of students and thereby make them sensitive to the complexities of relations and dialogues among different areas and cultures. Students completing the International Studies Minor will be better prepared to view and analyze global conditions and will be capable of creative work in the international arena.

The minor represents a highly interdisciplinary effort that draws upon the resources of several academic units across the ETSU campus. The International Studies Minor builds on the goals of the ETSU General Education Core by affording students the opportunity to confront issues of internationalization and globalization.

A minor in International Studies requires the completion of 21 hours of coursework, including two required courses:

INTL 2000	Introduction to International Studies	2
INTL 4000	International Studies Senior Seminar	1

Students are encouraged to design a course grouping for the remaining 18 hours in consultation with the International Studies Program Director and Advisory Board.

Program options are shown below. Courses listed within each option are only examples. Student course selections are not limited to those courses.

Program Option I: Requires six hours of a foreign language beyond the requirements of student's degree program or major, plus 12 hours of electives in one or two departments, to form a coherent and logical program of study.

Example:

INTL 2000	Introduction to International Studies	2
JAPN 3015	Japanese Conversation and Composition I	3
JAPN 3025	Japanese Conversation and Composition II	3
HIST 1020	World History and Civilizations Since 1500	3
HIST 3020	Minority and Ethnic History	3
HIST 3740	History of Asia	3
PSCI 3010	Chinese Politics	3
INTL 4000	International Studies Senior Seminar	1

Program Option II: Six hours of a foreign language beyond the requirements of students' degree program or major. Twelve hours of electives in up to three different departments, to form a coherent and logical program of study. Example:

INTL 2000	Introduction to International Studies	2
GERM 2010	Second Year German I	3
GERM 2020	Second Year German II	3
GEOG 1013	Introduction to World Regional Geography	3
HIST 3340	Modern Europe	3
PSCI 3800	European Politics	3
GEOG 4307	Regional Geography	3
INTL 4000	International Studies Senior Seminar	1

Program Option III: Eighteen hours of electives in up to five different departments, to form a coherent and logical program of study. Three hours of a foreign language is optional, not required. Example:

INTL 2000	Introduction to International Studies	2
SPAN 2010	Second Year Spanish I	3
PSCI 3830	Government and Politics of Latin America	3
SPAN 4117	Hispanic Cinema	3
GEOG 4307	Regional Geography: Latin America	3
HIST 4730	Latin America: Revolution and Nationalism	3
SOAA 3700	Peoples and Cultures of Latin America	3
INTL 4000	International Studies Senior Seminar	1

Public Administration Minor (PMGT)

Public Administration Minor Requirements 21 Credit Hours

PMGT 3100	Introduction to Urban and Regional Planning	3
PMGT 2610	Introduction to Public Administration	3
ECON 4447	Urban and Regional Economics	3

Public Administration Electives*12

Electives to be chosen from the following courses:

FNCE 3120	Principles of Real Estate	3
FNCE 4320	Real Estate Appraisals	3
PSCI 4160	The Idea of the City	3
PSCI 4450	Appalachian Politics	3
SOCI 4157	Sociology of the City	3
SOCI 4557	Population	3
PMGT 4087	Recreation and Tourism Planning	3
PMGT 4107	Urban Geography and Planning	3
PMGT 4347	Economic Development Planning	3
PMGT 4637	Local and Regional Planning	3

* These electives must be approved by the chair of the Department of Political Science, International Affairs, and Public Administration prior to enrollment.

**Department of Psychology
(PSYC)**

Box 70649 Phone: (423) 439-4424
Web Address: www.etsu.edu/cas/psychology

The primary goals of the Department of Psychology are to encourage and support the scientific investigation of behavior and mental processes. The department's undergraduate curriculum provides general and intensive courses of study within psychology, with concentrations in general psychology, behavioral neuroscience, cognitive science, clinical psychological science, and child psychological science. All programs of study provide a well-rounded education within psychology, both for students interested in pursuing post-baccalaureate employment in psychological and human-service related professions, and for students interested in pursuing post-graduate study in psychology and related fields.

In addition to the requirements listed, a student majoring in psychology must complete requirements for the General Education Core and the College of Arts and Sciences requirements for the B.A. or B.S., listed in this catalog under the College of Arts and Sciences.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
MATH 1530 or 1910		3-4
Natural Sciences*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social/Behavioral Sciences*		6

*See the General Education Core Requirements for options.

B.S. Requirements 6 credit hours

MATH 1530 or 1910		**
PHIL 2640	Science and the Modern World	3
PHIL 2030	Practical Reasoning or	
SPCH 2320	Argumentation and Debate	3
Single laboratory science (8 credit hours)		**

**Satisfies TBR General Education Core Requirements.

Psychology Core Requirements for All Psychology Concentrations:

PSYC 1310	Introduction to Psychology*	3
PSYC 2000	Social Psychology	3
PSYC 2800	Child Psychological Science	3
PSYC 3100	Elementary Statistics	3
PSYC 3200/01	Principles of Psychological Research & Lab	4
PSYC 3707	Behavioral Neuroscience	3
PSYC 4017	History and Systems	3
PSYC 4320	Abnormal Psychology	3
PSYC 4321	Writing in Abnormal Psychology	1

One of the following:

PSYC 4100	Introduction to the Study of Personality	3
PSYC 4817	Introduction to Psychological Testing	3

One of the following:

PSYC 2500	Behavior Analysis	3
PSYC 3600	Cognition	3
PSYC 4317	Perception	3

And must take the following zero credit course six times:

PSYC 2020		0
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Total Core Psychology Hours 32

Core Allied Requirements for All Psychology Concentrations:

MATH 1530* or 1910*		3-4
PHIL 2040*	Philosophy as Conversation	3
PHIL 2640*	Science and the Modern World	3

Total for Core Allied Hours 9

* May count toward general education requirements.

B.A. Requirements 6 Credit Hours

Select MATH 1530, 1840, or 1910		*
Foreign Language		3
<i>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at https://www.etsu.edu/cas/language/students/requirements.aspx)</i>		
One course of Non-United States History		3

General Education 41-42

Research		**
Psychology Core		32
Allied Core		6
B.S. Requirements		6
Concentration		10-37
Minor Requirements ***		0-24
Electives		0-28
Total Credit Hours Required for Degree		120**

* Satisfies TBR General Education Requirements.

** Included within program requirements.

*** Some concentrations have a built-in minor.

General Psychology Concentration:

PSYC electives		6
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Additional Allied Requirements for General Psychology:

Take one of the following:

BIOL 1010/11	Biology for Non-majors I*	4
BIOL 1020/21	Biology for Non-majors II*	4
BIOL 1110/11	Biology for Science Majors I*	4
BIOL 1120/21	Biology for Science Majors II*	4

* May count toward general education requirements.

Behavioral Neuroscience Concentration:

PSYC 4407	Psychopharmacology	3
PSYC 4707/17	Advanced Behavioral Neuroscience	4

Additional Allied Requirements for Behavioral Neuroscience:

BIOL 1110/11	Biology for Science Majors I	4
BIOL 1120/21	Biology for Science Majors II	4
BIOL 1130/31	Biology for Science Majors III	4
BIOL 3100/41	General Genetics with Lab	5
BIOL 3150	Cell Biology	3

Take one of the following*:

BIOL 4277	Neurobiology	4
BIOL 4357	Ethology	3
BIOL 4360	Evolution	3

*Other courses may be accepted with the approval of the Department of Psychology chair.

Recommended Allied Courses for Behavioral Neuroscience*:

CHEM 1110/11	General Chemistry I	4
CHEM 1111/21	General Chemistry II	4
HSCI 3030	Biochemistry	3

*May count toward general education requirements or electives.

Cognitive Science Concentration:

PSYC 3460	The Cognitive Growth of Infants & Children	3
PSYC 3600	Cognition	3
PSYC 4407	Psychopharmacology	3

Additional Allied Requirements for Cognitive Science:

PHIL 3010	History of Ancient Philosophy	3
PHIL 3030	History of Modern Philosophy	3
PHIL 3050	Symbolic Logic	3

Take one of the following:

BIOL 1010/11	Biology for Non-majors I*	4
BIOL 1020/21	Biology for Non-majors II*	4
BIOL 1110/11	Biology for Science Majors I*	4
BIOL 1120/21	Biology for Science Majors II*	4

Take four of the following courses:**

CDIS 4060	Language Development	3
ENGL 3100	Introduction to Linguistics	3
ENGL 4120	Descriptive Linguistics	3
ENGL 4130	Social & Psychological Aspects of Language	3
PHIL 3170	Philosophy of Mind	3
PHIL 4087	Topics in Analytical Philosophy	3

* May count toward general education requirements or electives.

** Other courses may be accepted with the approval of the Department of Psychology chair.

Clinical Psychological Science Concentration:

PSYC 4817	Introduction to Psychological Testing	3
	Senior Level Internship or Service-Learning or Independent Study or Honor's Thesis	3

Take one of the following child-oriented courses:

PSYC 3470	Psychosocial Growth of Infants & Children	3
PSYC 4607	Child Psychopathology	3

Take two of the following applied courses*:

PSYC 3500	Ecopsychology	3
PSYC 3700	Health Psychology	3
PSYC 4407	Psychopharmacology	3
PSYC 4807	Forensic Psychology	3

Additional Allied Requirements for Clinical Psychological Science:

SOCI 1020	Introduction to Sociology	3
SOCI 2000	Marriage and the Family	3
SOCI 2020	Social Problems	3
SPCH 3350	Interpersonal Communication	3

Take one of the following:

BIOL 1110/11	Biology for Science Majors I**	4
BIOL 1120/21	Biology for Science Majors II**	4

Take three of the following*:

SOAA 3800	Religion, Society, and Culture	3
SOAA 4627	Ethnographic Fieldwork	3
SOCI 3030	Gender and Society	3
SOCI 3060	Medical Sociology	3
SOCI 3300	Deviant Behavior	3
SOCI 3310	Criminology	3
SOCI 3320	Juvenile Delinquency	3
SOCI 4057	Community Sociology	3
SOCI 4257	Power, Wealth, and Poverty	3

* Other courses may be accepted with the approval of the Department of Psychology chair.

** May count toward general education requirements or electives.

Child Psychological Science Concentration:

PSYC 3460	The Cognitive Growth of Infants & Children	3
PSYC 3470	The Psychosocial Growth of Infants & Children	3
PSYC 4607	Child Psychopathology	3

Take one of the following:

BIOL 1010/11	Biology for Non-majors I*	4
BIOL 1021/21	Biology for Non-majors II*	4
BIOL 1110/11	Biology for Science Majors I*	4
BIOL 1020/21	Biology for Science Majors II*	4

* May count toward general education requirements or electives.

Additional Allied Requirements for Child Psychological Science:

CDIS 4060	Language Development**	3
SOCI 3320	Juvenile Delinquency	3
ECED 2110	Infant/Toddler/Child Development	3
ECED 2150	Foundations of Early Childhood	3
ECED 4010	Observing and Assessing Young Children	3
ECED 4517	Family, Community, and School Involvement	3
ECED 4140	Program Development for Young Children	3

Take one of the following:

ECED 3150	Creative Development of Young Children	3
HDAL 4127	Divorce: Causes and Consequences	3

**Prerequisites will be waived for Child Psychological Sciences majors. Contact instructor for permit.

No grade below a C will be accepted in psychology major courses.

Psychology majors also are required to complete a minor in another discipline. Students completing the following concentrations will automatically complete the coursework sufficient for the indicated minor:

Concentration	Minor
Behavioral Neuroscience	Biological Sciences
Cognitive Science	Philosophy
Clinical Psychology	Sociology
Child Psychological Science	Early Childhood Development

Minor—Nineteen hours in psychology are required. No grade below C will be accepted in minor courses.

Psychology Minor Requirements 19 Credit Hours

PSYC 1310	Introduction to Psychology	3
PSYC 2000	Social Psychology	3
PSYC 3100	Elementary Statistics	3
PSYC 3200, 3201	Principles of Psychological Research	4
	Psychology Electives	6

Advising—Academic and professional advising is recommended for all psychology majors. Psychology majors with fewer than 60 credit hours are advised in the Advisement Resource Center (ARC) in the Culp Center. After attaining 60 hours, students should visit the psychology office to be assigned an advisor. Students are expected to read the catalog to determine requirements for the degree they are seeking. Students are responsible for knowing the program requirements.

Teacher Education—Students interested in pursuing a teacher education program for certification as a psychology teacher in grades 7-12 are asked to contact the area psychology advisor in the Office of Student Services, 321 Warf-Pickel Hall, College of Education.

Pre-Teacher Education—Declaration of Intent—All ETSU students desiring to complete a teacher education or other public school licensure program (for initial licensure, add-on endorsement, or advanced study in education) must file a Declaration of Intent in the Office of Student Services, 321 Warf-Pickel Hall. The Declaration of Intent should be filed before 30 credit hours of coursework have been completed or, in the case of transfer and post-baccalaureate students, in the first semester at ETSU. Delay or failure to file the Declaration of Intent may result in incomplete advisement. Students who have not filed the Declaration of Intent will not be considered for admission to teacher education and may be ineligible to enroll in many professional education courses.

Please refer to the Professional Education Requirement section in the Department of Education in this catalog for a list of the required courses.

Graduate Study—The Department of Psychology offers a master of arts degree in experimental psychology, as well as a Ph.D. in Clinical Psychology. Further information on graduate programs is provided in the Graduate Catalog.

Suggested Course Sequence for all B.S. Psychology Majors

First Semester	Freshman Year	Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
	Social/Behavioral Sciences	3
HIST 2010	The United States to 1877	3
PHIL 2030 or SPCH 2320		3
PSYC 1310	Introduction to Psychology	3
	Semester Total	15

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1530	Probability and Statistics	3
HIST 2020	The United States Since 1877	3
Fine Arts	.....	3
General Elective	.....	3
PSYC 2020	Speakers Series	0
Semester Total		15

Sophomore Year

First Semester		Credit Hours
BIOL 1110/11	Biology for Science Majors Lecture/Lab I	4
PSYC 2800	Child Psychological Science	3
Communication: Speech Requirement	.....	3
Literature	.....	3
PSYC 2000	Social Psychology	3
PSYC 2020	Speakers Series	0
Semester Total		16

Second Semester		Credit Hours
BIOL 1120/21	Biology for Science Majors Lecture/Lab II	4
PSYC XXXX	.....	3
PHIL 2640	Science and the Modern World	3
PHIL 2040	Philosophy as Conversation	3
Minor Course	.....	3
PSYC 2020	Speakers Series	0
Semester Total		16

Junior Year

First Semester		Credit Hours
PSYC 3707	Behavioral Neuroscience	3
PSYC 3100	Elementary Statistics	3
PSYC 2500 or 3600	.....	3
PSYC 4900	Independent Study	2
Minor Courses	.....	6
PSYC 2020	Speakers Series	0
Semester Total		17

Second Semester		Credit Hours
PSYC 3200	Principles of Psychological Research	3
PSYC 3201	Principles of Psychological Research Lab	1
PSYC 4100 or 4817	.....	3
PSYC XXX	.....	3
Minor Course	.....	3
PSYC 2020	Speakers Series	0
Semester Total		13

Senior Year

First Semester		Credit Hours
PSYC 4017	History & Systems of Psychology	3
PSYC 4320	Abnormal Psychology	3
PSYC 4321	Writing in Abnormal Psychology	1
Minor Course	.....	3
PSYC 4900	Independent Study	3
PSYC 2020	Speakers Series	0
Semester Total		13

Second Semester		Credit Hours
Minor Course	.....	3
PSYC 4900	Independent Study	3
Electives	.....	8
Semester Total		14
Total		120 Credit Hours

* Suggested course sequences are available from the department of psychology for B.S. or B.A. in each concentration. This sequence meets the degree requirements for a B.S. degree with a general concentration.

Religious Studies Minor (RELI)

Box 70656 Rogers-Stout 322 Phone: (423) 439-4425
Web address: <http://www.etsu.edu/cas/philosophy/>

Dr. Keith Green, Director
 email: greenj@etsu.edu

The Religious Studies Minor is a 21-credit hour interdisciplinary program of study hosted by the Philosophy Department, and including faculty and courses from the departments of History, Sociology and Anthropology, English, Appalachian Studies, and other fields. The program is designed for students interested in the historical, social, scientific, and philosophical study of religions and religious thought throughout the world. It may be elected as preparation for professional graduate education in theology or ministry. Students specifically interested in critical and philosophical issues in the study of religions may also concentrate in religious studies within the philosophy major (see Philosophy Major [PHIA] Philosophy and Religious Studies Concentration [RELI]).

Religious Studies Minor 21 Credit Hours

- A minimum of 21 hours is required, including :
- RELI 2210 Intro. to the Study of Religion 3
- At least one (1) course in western religions 3

- At least one (1) course in non-western religions 3
- PHIL 4047 Philosophy of Religion 3

Other courses in philosophy do not count toward a minor in religious studies without the approval of the department. The following courses from other departments or other previously approved courses may be included.

- ENGL/RELI 3280 Mythology 3
- APST/RELI 3530 Religion in Appalachia 3
- SOAA/RELI 3800 Religion, Society, and Culture 3
- HIST/RELI 3910 History of Christianity 3
- HIST/RELI 3920 History of Islam 3

It is possible to major in philosophy and minor in religious studies.

For students interested in preparation for seminary or divinity school, professional graduate education in theology or ministry: Many students major in philosophy with a religious studies concentration, or minor in religious studies as a way to prepare for seminary or divinity school. (The MDiv—Master of Divinity—is the standard professional degree for students preparing for a career requiring ordination to the ministry or rabbinate.) The American Association of Theological Schools advises students to major in any humanities or social science field. While previous study in the area of religious studies and philosophy is recommended, it is not required for admission to programs of professional study leading to the MDiv. RELI 3240 (“Hebrew Scriptures”) and RELI 3250 (“Greek Scriptures”) are relevant for students interested in the Christian and Jewish traditions. Students aiming to apply to university divinity schools, or whose interest in the study of religions is primarily academic (as opposed to vocational) are strongly advised to earn a B.A. degree with at least a minor in religious studies, including SOAA 3800 (“Religion, Society, and Culture”). It is also important to complete at least 6 hours in German, French, or in a classical language at the 3000 level.

Department of Social Work (SOWK)

Box 70645 Phone: (423) 439-6006
Web address: <http://www.etsu.edu/socialwork>

B.S.W. Major Accredited by: Council on Social Work Education

The Department of Social Work offers an undergraduate curriculum leading to the bachelor of social work (B.S.W.) degree. The program provides a basic knowledge of the social welfare system, the social work profession, and the professional knowledge, values, and skills necessary for entry-level professional social work practice as a generalist. The program also prepares students to pursue graduate study in social work and related professions.

The program builds upon a liberal arts base and encompasses an interdisciplinary perspective, drawing from such fields as psychology, sociology, political science, and human biology.

The program’s overall mission is to prepare students with the competencies that reflect the core values and ethical obligations necessary for generalist practice in the social work profession. The mission of ETSU’s B.S.W. program is consistent with ETSU’s mission and supports the philosophy and purpose of social work in promoting human dignity and community well-being through the promotion of social and economic justice, the prevention of conditions that limit human rights, the elimination of poverty, and the enhancement of the quality of life for all persons. The total program functions to provide leadership and instruction that will ensure preparation of a continuous pool of social work graduates who are able to assume professional positions in a variety of social welfare settings, especially in Northeastern Tennessee and the southern Appalachian region.

The faculty believes that the philosophy of social work must be demonstrated as it is taught and, as such, must be incorporated into not only faculty-student relationships but also relationships between the program and the social work practice community. The social work faculty believes that social workers should function in accordance with the profession’s purpose and with adherence to the profession’s ethical canon and therefore programmatically emphasizes acceptance of difference

between and among individuals, as well as within and among groups and other larger systems.

The Baccalaureate social work program's mission, which is consistent with ETSU's mission, is reflected and implemented in the six broad goals of the program. The B.S.W. program aims to:

1. provide a sound educational environment that nurtures learning, stimulates self-reflection, encourages open dialogue, and is characterized by honesty, integrity, trust, and respect;
2. draw on students' liberal arts foundation to build the knowledge, skills, values, ethics, and professional identity necessary for competent entry-level generalist practice in various contexts and all levels of practice;
3. ensure a knowledge base in human behavior theories that supports intervention at multiple levels in order to improve the quality of life for all citizens, especially those who are disadvantaged;
4. prepare students to comprehend current social welfare policies' history, socio-political-economic contexts, provisions, and consequences of client systems, as well as to advocate for more effective policies, programs, and services to advance social well-being;
5. motivate and prepare students for use of research tools to critically evaluate the program and service delivery systems that employ social workers;
6. prepare students to meet social welfare needs in a culturally competent manner with diverse populations, giving attention to Northeast Tennessee and surrounding areas.

B.S.W. Program Competencies

As a result of the B.S.W. experience, graduates will be able to:

1. identify as a professional social worker and conduct oneself accordingly;
2. apply social work ethical principles to guide professional practice;
3. apply critical thinking to inform and communicate professional judgments;
4. engage diversity and difference in practice;
5. advance human rights and social and economic justice;
6. engage in research-informed practice and practice-informed research;
7. apply knowledge of human behavior and the social environment;
8. engage in policy practice to advance social and economic well-being and to deliver effective social work services;
9. respond to contexts that shape practice;
10. engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Social work majors must take 41 credit hours to fulfill the General Education Core Requirements, 48 credit hours of social work courses, 6 credit hours of cognates, and the remainder of credit hours in academic proficiencies and electives, for a total of 120 credit hours required for graduation. Social work majors must complete 12 credit hours in social and behavioral sciences. Six credit hours in the social and behavioral sciences, Sociology 1020 and Psychology 1310, are taken as part of the General Education Core Requirements. The remaining six hours are required cognates, Political Science 1120 and HDAL 2310. As part of the General Education Core Requirements, social work majors must complete 8 credit hours in the sciences, with 4 of those credits in human biology chosen from the following list: Biology 1010/11, 1110/11, or Health Sciences 2010/11. The remaining 4 credit hours of science can be fulfilled by any of the other core science courses. Math 1530 is required to fulfill the General Education Core Requirement in math.

All social work majors are required to complete the curriculum outlined below. All students who enroll in social work courses must comply with course sequencing and course prerequisites. Academic credit for life experience and previous work experience shall not be given in whole or in part, in lieu of the field practicum or any other required social work course.

Social Work Major—Forty-eight credit hours in social work plus Political Science 1120 and HDAL 2310. A grade of C- or below will not be accepted in the required SOWK courses offered by the program and in English composition. A minor is not required for social work majors.

Admission—Social work is a *professional* program of education and training and therefore requires comprehensive academic standards throughout the program. The Baccalaureate Social Work (BSW) Program Committee has identified academic performance standards that fall into seven categories: scholastic, professional values and ethics, self-awareness, interpersonal relationship skills, responsibility and professional readiness, critical thinking and problem-solving abilities, and communication skills, as advanced in the program's *Academic Performance Standards for Admission, Retention, and Graduation*. These academic performance standards with essential behaviors in each category are primary indicators of professional readiness for practice in the field of social work. Students must demonstrate ability to meet these standards in order to be admitted to the program.

The academic performance standards are applied when the student meets with the BSW Program Director to open his/her file in the department. When a student meets with the BSW Program Director to set up his or her student file, s/he will be given a copy of the *Academic Performance Standards* as part of the process.

Requirements for submitting an application for admission to the Social Work Program:

1. Completion of, with a "C" or better, "Introduction to Social Work" (SOWK 1010), "Professional Values and Ethics" (SOWK 1020), and "Cultural Diversity" (SOWK 1030). *A grade of "C-" does not meet this criterion.*
2. A minimum overall grade point average of 2.25 and a 2.5 average in the three required social work courses.
3. Completion of 60 clock hours of face-to-face human service activity, paid or volunteer, in one or more social service agencies.

Students must complete and submit to the BSW Director the following documents that are included in the application packet:

1. An Application Cover Sheet that provides demographic and contact information.
2. A Student Self-Assessment rubric for rating personal and academic aptitude for a career in social work.
3. Documented completion of 60 hours of human service activity on a Human Service Activity form. The activity must be pre-approved by the BSW Program Director and evaluated by the student's supervisor at the agency or organization.
4. A Personal Statement essay that addresses the student's background information, human service experience, social problems of concern, areas of needed professional development, and any additional information that would support the application or should be considered by the Admission Committee.
5. A recent photo (for use in identifying students when they later request a reference letter).

Criteria for acceptance into the Social Work Program:

1. Submission of a completed application packet by October 1 for entry to the program in the spring semester or March 1 for entry to the program the following fall semester. If the application deadline does not fall on a day the institution is in session, the application is due the first school day following the deadline date.
2. Satisfactory performance during the 60 hours of human service activity, as indicated by the student's supervisor on the reference checklist, located on the back of the Human Service Activity form.
3. Positive feedback from social work instructors during the admission process on overall academic performance in completed social work courses.
4. All application materials demonstrate potential and suitability for the social work profession, as defined in the program's *Academic Performance Standards*.

An Academic Performance Review may be scheduled if the student's application or input from faculty suggests the student's inability to meet any of the program's Academic Performance Standards when his or her application is reviewed by the BSW Program Committee.

Only students who have formally applied for admission to the program and been approved are eligible to take Social Work Practice I and II. Transfer students, as well as ETSU students who declare social work as their major, must arrange an interview with the B.S.W. Program Director during their first semester in social work in order to open a file and complete other paperwork.

Continuance and Termination—Continuance in the program requires compliance with admission requirements and suitability standards, as outlined in the program’s *Academic Performance Standards* and Code of Conduct. (See Student Handbook and www.etsu.edu/socialwork.)

Nondiscrimination—Every aspect of the Social Work program’s organization and implementation is conducted without discrimination on the basis of race, color, gender, age, creed, ethnic or national origin, disability, or political or sexual orientation.

Advising—Advising, both academic and professional, is essential in social work education. Therefore, advising of all social work majors is required throughout their period of study. Students must sign up for appointments with their advisors during each pre-registration period to be advised and cleared for registration. Until students are in a semester during which they will complete 45 credit hours, they will be advised in the ARC, after first meeting with the B.S.W. Program Director to open a file in the social work department.

Field Instruction—“Social Work Field Experience” 4453 must be taken during the student’s senior year after completion of all required major courses and General Education Core courses. An overall grade point average of 2.25 and a 2.50 grade point average in required social work courses are prerequisites to field experience. Also, only students whose written application to major in social work has been approved are eligible for the field experience.

Students are assigned full time to an agency, where they provide services to consumers under the supervision of a social work field instructor. A list of field instruction agencies is available in the Department.

School Social Work Licensure—Licensure by the Tennessee State Department of Education is available to social work majors who successfully complete the requirements for a B.S.W. degree plus the following three courses:

- SPED 2300 Exceptional Learners in Schools & Comm.
- EDFN 3301 Issues in Education
- SOWK 4467 School Social Work

Information about licensure exams is available from the Certification Analyst in the College of Education.

**Bachelor of Social Work (B.S.W.)
Social Work Major (SOWK)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses are SOWK courses. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses is a SOWK course.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, “Using Information Technology,” during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students will complete one technology-intensive course as part of the SOWK coursework.

Transfer students may be subject to a reduced number of intensives. See *ETSU Academic Proficiency Requirements for details*.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication:	Oral Communication*	3
MATH 1530	Probability and Statistics	3
BIOL 1010/11, 1020/21, 1110/11	or	
HSCI 2010/11	Anatomy and Physiology	4
Natural Sciences*		4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Humanities and Fine Arts *		9
SOCI 1020	Introduction to Sociology	3
PSYC 1310	Introduction to Psychology	3

*See the General Education Core Requirements for options.

Social Work Major Requirements 48 Credit Hours

SOWK 1010	Introduction to Social Work	3
SOWK 1020	Professional Values and Ethics	3
SOWK 1030	Cultural Diversity	3
SOWK 2500	Interviewing and Recording Skills	3
SOWK 3000	Human Behavior/Social Environment I	3
SOWK 3010	Human Behavior/Social Environment II	3
SOWK 3430	Social Welfare Policy and Services	3
SOWK 4210	Social Work Research	3
SOWK 4310	Social Work Practice I	4
SOWK 4320	Social Work Practice II	4
SOWK 4453	Social Work Field Practicum	16

Cognate Requirements in Social and Behavioral Sciences 6 Credit Hours

PSCI 1120	Introduction to American Government	3
HDAL 2310	Developmental Life Span Psychology	3

Electives 25 Credit Hours

Total Hours Required for Degree 120 Credit Hours

** If two writing-intensive courses are not taken as part of fulfilling core requirements, and if student does not test out of CSCI 1100, the number of credit hours available for use as electives is reduced accordingly.

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
SOWK 1010	Introduction to Social Work	3
SOWK 1020	Professional Values and Ethics	3
ENGL 1010	Critical Reading and Expository Writing	3
SOCI 1020	Introduction to Sociology	3
MATH 1530	Probability and Statistics	3
Semester Total		15
Second Semester		Credit Hours
SOWK 1030	Cultural Diversity	3
ENGL 1020	Critical Thinking and Argumentation	3
BIOL 1010/11 or 1020/21, 1110/11 or HSCI 2010/11		4
PSYC 1310	Introduction to Psychology	3
CSCI 1100	Using Information Technology	3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
SOWK 2500	Interviewing and Recording Skills	3
HIST 2010	The United States to 1877	3
Literature		3
HDAL 2310	Developmental Life Span Psychology	3
PSCI 1120	Introduction to American Government	3
Semester Total		15
Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
Humanities/Fine Arts		3
Natural Science		4
SOWK 3430	Social Welfare Policy and Services	3
SPCH 1300, 2300, or 2320		3
Semester Total		16

Junior Year

First Semester		Credit Hours
SOWK 3000	Human Behavior I	3
SOWK 3010	Human Behavior II	3
Humanities/Fine Arts		3
Electives		6
Semester Total		15
Second Semester		Credit Hours
SOWK 4310	Social Work Practice I	4
SOWK 4320	Social Work Practice II	4
Electives		6
Semester Total		14

Senior Year

First Semester		Credit Hours
SOWK 4210	Social Work Research	3
Electives		10
Semester Total		13
Second Semester		Credit Hours
SOWK 4453	Field Experience	16
Semester Total		16
Total		120

Requirements for all Social Work Minors

Social Work Minor Requirements 18 Credit Hours

(The Council on Social Work Education does not accredit minor programs of study.)

SOWK 1010	Introduction to Social Work	3
SOWK 1020	Professional Values and Ethics	3
SOWK 1030	Cultural Diversity	3

Other Course Options

Students must choose nine (9) additional credits from the following list of options:

SOWK 3000 Human Behavior/Social Environment I	3
SOWK 3010 Human Behavior/Social Environment II	3
SOWK 3430 Social Welfare Policy and Services	3
SOWK 4367 Seminar in Drug/Alcohol Abuse	3
SOWK 4517 Crisis Intervention	3
SOWK 4567 Human Sexuality	3
SOWK 4957 Special Topics in Social Work	3-6

(See prerequisites under course listing.)

A grade of C- or below will not be accepted for SOWK courses taken for the minor and no more than six (6) hours will be accepted as transfer SOWK credit.

TRANSFER STUDENTS

Course Sequencing and Suggested Schedule

The plan below for entry to ETSU assumes that SOWK 1010 (Intro), PSYC 1310 (Intro), SOCI 1020 (Intro), MATH 1530, CSCI 1100 (or test out), and one human biology course (BIOL 1010/11, 1020/21, 1110/11, or HSCI 2010/11) have been taken prior to ETSU matriculation. Other courses on the ETSU social work degree plan that have not been taken at another institution can be used to fill in each semester's schedule. Requests to receive credit for transfer courses in social work must be submitted to the B.S.W. Program Director who, along with other faculty, will determine course equivalency using submitted documentation such as copies of the catalog course description, course syllabus, and the name of the course text. Credit for SOWK courses numbered 2000 and above must be from a program accredited by CSWE.

First Semester

SOWK 1020 Professional Values and Ethics	3
SOWK 1030 Cultural Diversity	3
HDAL 2310 Life Span Development	3
PSCI 1120 American Government	3
Semester Total	12 Credit Hours

Second Semester

SOWK 2500 Interviewing and Recording	3
SOWK 3430 Social Welfare Policy and Services	3
SOWK 3000 Human Behavior/Social Env. I	3
SOWK 3010 Human Behavior/Social Env. II	3
Semester Total	12 Credit Hours

Third Semester

SOWK 4210 Social Work Research	3
SOWK 4310 Social Work Practice I	4
SOWK 4320 Social Work Practice II	4
Semester Total	11 Credit Hours

Fourth Semester

SOWK 4453 Field Practicum	16
Semester Total	16 Credit Hours

**Department of Sociology and Anthropology
(SOAA)**

Box 70644

Phone: (423) 439-4370

Web address: www.etsu.edu/cas/sociology

email: Harville@etsu.edu

Sociology is the study of people interacting with others individually, in groups, and in social systems. Anthropology is the holistic study of the human experience over time and across cultures. An understanding of people, culture, and society will prepare the graduate for useful employment in many occupations and professions, as well as further study at the graduate level. Students can earn a major or minor in anthropology and in sociology. For other students, courses in sociology and anthropology offer excellent electives in any degree program. In addition to specific department requirements listed below, students must complete requirements for the general education core and requirements specific to the College of Arts and Sciences degrees of B.A. or B.S. Note: Students who major or minor in anthropology *and* sociology cannot apply credit from one field to the other. All cross-listed sociology and anthropology courses (identified as "SOAA") can be counted toward either field, but cannot be counted toward both.

Sociology Major (Bachelor of Arts, Bachelor of Science)—A student majoring in sociology must complete 30 credit hours of approved courses. In addition to maintaining an overall grade point average of at least 2.0 in the major, a student must earn a grade of C or above in each required course in the major.

TBR General Education 41 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
MATH 1530 Probability and Statistics	3
Communication: Oral Communication*	3
Natural Science*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements*

Intensive Courses—Students who enter ETSU as freshmen or with less than 50 transfer hours must take: two oral communication-intensive courses, of which one must be in the major; one using information technology intensive course in the major; four writing-intensive courses, at least two of which must be in the major and at least two must be at the 3000-4000 level. Students must meet proficiency-intensive requirements through courses taken at ETSU.

Sociology (B.S.) Major Requirements 30 Credit Hours

SOCI 1020 Introduction to Sociology	3
SOCI 2020 Social Problems	3
SOCI 3210 Sociological Research	3
SOAA 3350 Social Statistics	3
SOCI 3444 Data Analysis	3
SOCI 4057 Community Sociology	3
SOCI 4807 Modern Social Theory	3
SOCI or SOAA Electives**	9

*** Students must choose elective courses in consultation with a sociology advisor.*

**** Satisfies TBR General Education Core Requirements.*

B.S. Requirements 6 credit hours

MATH 1530	***
PHIL 2640 Philosophy of Science	3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320)	3
Science (8 credit hours in a SINGLE science)	*

** Satisfies TBR General Education Core Requirement.*

Minor Requirements 18-27 Credit Hours

Electives 16-25 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Sociology Major (B.A.) Requirements 30 Credit Hours

SOCI 1020 Introduction to Sociology	3
SOCI 2020 Social Problems	3
SOCI 3210 Sociological Research	3
SOAA 3350 Social Statistics	3
SOCI 4057 Community Sociology	3
SOCI 4807 Modern Social Theory	3
SOCI or SOAA Electives**	12

*** Students must choose elective courses in consultation with a sociology advisor.*

B.A. Requirements 6 Credit Hours

Foreign Language 3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

1 course of Non-United States History	3
MATH 1530, 1840, or 1910	*

Minor Requirements 18-26 Credit Hours

Electives 16-31 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Sociology Minor—A minor consists of 18 credit hours of study in sociology. Students must earn at least a C in each required course in the minor and achieve an overall grade point average of 2.0 in courses counted for the minor.

Sociology Minor Course Requirements 18 Credit Hours

SOCI 1020	Introduction to Sociology	3
SOCI 2020	Social Problems	3
SOCI 3210	Sociological Research	3
SOCI or SOAA Electives **		9

** Students must choose elective courses in consultation with a sociology advisor.

Anthropology Major (Bachelor of Arts) – A student majoring in anthropology must complete 33 credit hours of approved courses. In addition to maintaining an overall grade point average of at least 2.0 in the major, a student must earn a minimum grade of C in each major core course. Students are strongly advised to complete ANTH 1240, ANTH 1260, and ANTH 1280 before enrolling in other required or elective anthropology courses.

TBR General Education 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Mathematics*		3-4
Communication: Oral Communication*		3
Natural Science*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature		3
Fine Arts*		3
Humanities*		3
Social/Behavioral Sciences*		6

*See the General Education Core Requirements

Intensive Courses—Students who enter ETSU as freshmen or with less than 50 transfer hours must take: two oral communication-intensive courses, of which one must be in the major; one using information technology-intensive course in the major; four writing-intensive courses, at least two of which must be in the major and at least two must be at the 3000-4000 level. Students must meet proficiency-intensive requirements through courses taken at ETSU.

Anthropology Major Core Requirements 19 credit hours

ANTH 1240	Introduction to Cultural Anthropology	3
ANTH 1260	Introduction to Archaeology	3
ANTH 1280	Introduction to Physical Anthropology	3
SOAA 3350	Social Statistics	3
ANTH 4830	Anthropological Theory	3
SOAA 4627	Ethnographic Field Work Techniques	3
ANTH 4830	Anthropological Theory	4

Guided Electives 15 credit hours

Students must choose one course from each focus area:

Archaeology 3 credit hours

ANTH 4007	Archaeology of the Southeastern US	3
ANTH 4017	Historic Native American Cultures of the Southeastern US	3
ANTH 4037	Old World Archaeology	3
ANTH 4400	Archaeological Field School	3-6

Biology and Culture 3 credit hours

ANTH 3400	Human Osteology and Paleontology	3
ANTH 4240	Primatology	3

Culture Studies 3 credit hours

ANTH 2150	American Folk Music	3
SOAA 3700	Peoples and Cultures of Latin America	3
SOAA 4357	Mass Communication and Popular Culture	3
ANTH 4567	Scottish Ethnology	3
ANTH 4630	Native American Cultures in Contemporary Society	3

Health and Culture 3 credit hours

ANTH 3070	Medical Anthropology	3
ANTH 3080	Nutritional Anthropology	3
ANTH 3250	Environmental Anthropology	3
ANTH 3500	Appalachian Folk Medicine	3

Aside from the five required core courses and the four required focus area course electives, students must take one other elective course: students may choose one additional course from the focus areas listed above, one of the elective courses listed below, or a special topics course in anthropology.

ANTH 2040	Folk Culture in the Modern World	3
ANTH 3260	Visual Anthropology	3
SOAA 3800	Religion, Society, and Culture	3
ENGL 3100	Introduction to Linguistics	3
ANTH 4070	Practicing Anthropology	3
SOAA 4410	International Field Experience	3
SOAA 4627	Ethnographic Field Work Techniques	3
ANTH 4900	Independent Study	3

B.A. Requirements 6 Credit Hours

Foreign Language 3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

1 course of Non-United States History 3

MATH 1530, 1840, or 1910 *

Minor Requirements 18-26 credit hours

Electives 10-25 credit hours

Total Hours Required for Degree 120 credit hours

Anthropology Minor—A minor in anthropology requires the completion of 18 credit hours. Students must earn at least a grade of C in each required course in the minor and achieve an overall grade point average of 2.0 in courses counted for the minor.

Anthropology Minor Course Requirements 18 Credit Hours

ANTH 1240	Introduction to Cultural Anthropology	3
ANTH 1260	Introduction to Archaeology	3
ANTH 1280	Introduction to Physical Anthropology	3
ANTH or SOAA Electives *		9

* Students are strongly advised to complete ANTH 1240, ANTH 1260, and ANTH 1280 before enrolling in anthropology elective courses.

Transfer Students—Transfer students must meet the specific requirements for the sociology major and minor, or the anthropology minor. There is no predetermined maximum number of credit hours that a transfer student may apply to the sociology or anthropology curriculums. The final decision will be made by the department chair.

Teacher Education—Students interested in pursuing a teacher education program for certification as a sociology teacher in grades 7-12 are asked to speak both with an advisor in the Department of Sociology and Anthropology AND the professional advisor in the Office of Student Services, 321 Warf-Pickel, College of Education.

Pre-Teacher Education—Declaration of Intent—All ETSU students desiring to complete a teacher education or other public school licensure program (for initial licensure, add-on endorsement, or advanced study in education) must file a Declaration of Intent in the Office of Student Services, 321 Warf-Pickel Hall. The Declaration of Intent should be filed before 30 credit hours of coursework have been completed or, in the case of transfer and post-baccalaureate students, in the first semester at ETSU. Delay or failure to file the Declaration of Intent may result in incomplete advisement. Students who have not filed the Declaration of Intent will not be considered for admission to teacher education and may be ineligible to enroll in many professional education courses.

Professional Education Requirements—There is a total of 33 credit hours required for Professional Education. Please refer to the education minor section in this catalog for a list of the required courses that must be taken with the professional semester.

Graduate Study—The Department of Sociology and Anthropology offers graduate programs leading to a master of arts degree. Further information on graduate programs is contained in the Graduate Catalog.

**Technical Writing Minor
ENGL**

Box 70683 Phone: (423) 439-5991
Web address: www.etsu.edu/cas/English/undergraduate/writing.aspx

Dr. Darryl Haley
106 Burlison Hall

Total Credits	24 credit hours
Concentration	15 credit hours
ENGL 3130 Advanced Composition	3
ENGL 3134 Computers, Writing, and Literature	3
ENGL 4057 Writing: Theory and Teaching	3
ENGL 4100 Writing in the Professions	3
ENGL 4857 Technical Writing	3

Electives 9 credit hours

Nine hours of approved electives related directly to technical writing are required for this minor. Electives must be 3000- or 4000-level courses directly related to technical writing. Electives may include the following:

- ENGL 4957 Topics in English: Grant Writing
- ENGL 4957 Topics in English: Advanced Expository Writing
- ENGL 4957 Topics in English: Writing for Business/Government

The department's Technical Writing Program Director may approve courses from other departments in the university as electives for this minor. The following are examples of courses that may be included as electives:

- ENGL 3250 Professional Communication I
- MCOM 4037 Communications Law
- ENGL 4910 Independent Study

Directions and Restrictions: Other courses may be approved by the department's Technical Writing Program Director. Courses taken toward a major in English may not be applied to this minor. The English Department may allow students to enroll in approved three-credit-hour courses offered by other departments, if those courses are directly related to technical writing, to substitute for up to three of the 3000-level courses required for the minor.

Possible Additional Course Offerings: Additional special topics courses may be offered as electives for this minor.

Women's Studies Major

Box 70262 Phone: (423) 439-5990
Web address: www.etsu.edu/cas/comm/wsp.default.aspx

Director: Dr. Karen Cajka
e-mail: cajka@etsu.edu

Women's Studies offers students an interdisciplinary education that examines social processes, history, culture, politics, health, media, and justice as they relate to women. This program of study promotes an increased awareness of gender issues and highlights the relationships between race, class, and gender. Courses are designed to help students develop philosophical and historical perspectives on gender, to appreciate women's contributions to the arts, sciences, and humanities, and to make informed choices as individuals and professionals.

Women's studies graduates are prepared to take leadership roles, particularly in positions that require training in women's and diversity issues. Fields such as criminal justice, politics, health care, teaching, social work, communications, and activism all call for the knowledge and skills students attain through coursework in women's studies. In any chosen career, women's studies graduates serve as a progressive voice for change and equality.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements for options.*

Women's Studies Major Requirements 36 Credit Hours

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History

**The Mathematics requirement is fulfilled with the General Education Mathematics.*

Minor 18-24 Credit Hours

Electives 10-16 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Women's Studies Major Requirements

WMST 2010 Introduction to Women's Studies	3
WMST 2020 Women in Global Perspective	3
WMST 3330 Feminist Thought and Practice	3
WMST 4500 Senior Capstone	3

One of the following Women and Cultural Production Courses:

ARTH 4117 Women Artists and Their Art	3
ENGL 3500 Women Authors	3
ENGL 4087 Themes in Women's Literature	3
ENGL 4290 Film Genres: Women in Film	3
PHIL 3110 Philosophies of Feminism	3

One of the following Women's History courses:

HIST 4237 Women in the Ancient World	3
HIST 4247 History of Women in US Settlements to 1945	3
HIST 4837 American Women Since WW II	3
HIST 4956 Women in Appalachia	3

One of the following Civic Engagement courses:

SPCH 3346 Speaking for Social Change	3
WMST 4080 Women's Studies Internship	3
HDAL/MGMT 4460 Leadership Studies	3

Five elective courses chosen from general electives below, or unduplicated from any of the above:

CJCR 4950 Women and Crim	3
NRSE 4507 Social Concerns in Women's Health	3
HDAL 2340 Understanding Cultural Diversity ¹	3
PSYC 3300 Psychology of Women	3

SOCI 3030 Gender and Society	3
SOWK 1030 Cultural Diversity ¹	3
SPCH 4200 Gender and Communication	3
WMST 4018 Honors Thesis	3
WMST 4500 Senior Capstone	3
WMST 4900 Independent Study	3
WMST 4950 Issues in Women's Movement	3
WMST 4957 Special Topics in Women's Studies	3
Women's Studies Emphasis courses (max of two) ²	
Other approved special topics courses ³	

¹ Students can count either HDAL 2340 ("Understanding Cultural Diversity") or SOWK 1030 ("Cultural Diversity") toward the major, but not both.

² Women's Studies Emphasis sections are special sections of standard courses in various departments, typically General Education courses, which are designed and taught in ways that still meet their original course criteria within their own departments and within General Education, but also highlight female writers/ theorists, women and gender issues, and/ or feminist frameworks. These courses are designated by the Women's Studies Steering Committee (WSSC), in consultation with instructors. Limit of 2.

³ With approval of the WSSC, additional special topics or other unique courses may be counted toward the major.

Women's Studies Minor Requirements 21 Credit Hours

WMST 2010 Introduction to Women's Studies	3
and either	
WMST 2020 Women in Global Perspective	
or	
WMST 3330 Feminist Thought and Practice	3
Approved Electives (5 courses)*	15

Women and Cultural Production

ARTA 4117 Women Artists and Their Art	3
ENGL 3500 Women Authors	3
ENGL 4087 Themes in Women's Literature	3
ENGL 4290 Film Genres: Women in Film	3
PHIL 3110 Philosophies of Feminism	3

Women's History

HIST 4237 Women in the Ancient World	3
HIST 4247 History of Women in U.S. Settlements to 1945	3
HIST 4837 American Women Since WW II	3
HIST 4956 Women in Appalachia	3

Civic Engagement

SPCH 3346 Speaking for Social Change	3
WMST 4080 Women's Studies Internship	3
HDAL/MGMT 4460 Leadership Studies	3

Women's Studies Minor Electives

CJCR 4950 Women and Crime	3
CJCR 4957 Violence Toward Women	3
NRSE 4507 Social Concerns in Women's Health	3
HDAL 2340 Understanding Cultural Diversity ¹	3
PSYC 3300 Psychology of Women	3
SOCI 3030 Gender and Society	3
SOWK 1030 Cultural Diversity ¹	3
SPCH 4200 Gender and Communication	3
WMST 2020 Women in Global Perspective	3
WMST 3330 Feminist Thought and Practice	3
WMST 4018 Honors Thesis	3
WMST 4500 Senior Capstone	3
WMST 4900 Independent Study	3
WMST 4950 Issues in Women's Movement	3
WMST 4957 Special Topics in Women's Studies	3
Women's Studies Emphasis courses (limit of two) ²	
Other approved special topics courses	3

¹ Students can count either HDAL 2340 ("Understanding Cultural Diversity") or SOWK 1030 ("Cultural Diversity") toward the minor, but not both.

² Women's Studies Emphasis sections are special sections of standard courses in various departments, typically General Education courses, which are designed and taught in ways that still meet their original course criteria within their own departments and within General Education, but also highlight female writers/ theorists, women and gender issues, and/ or feminist frameworks. These courses are designated by the Women's Studies Steering Committee (WSSC), in consultation with instructors. Limit of 2.

³ With approval of the WSSC, additional special topics or other unique courses may be counted toward the minor.

Suggested Course Sequence for the Bachelor of Arts Degree in Women's Studies

Freshman Year

Fall 1	
ENGL 1010 Critical Reading and Expository Writing	3
MATH 1530 Probability and Statistics	3
Foreign Language (2xxx)	3
SPCH: Oral Communication	3
WMST 2010 Introduction to Women's Studies	3
Semester Total	15

Spring 1	
ENGL 1020 Critical Thinking/Argumentation	3
Natural Sciences	4
Foreign Language (2xxx)	3
HIST 2010 The United States to 1877	3
WMST 2020 Women in Global Perspective	3
Semester Total	16

Sophomore Year

Fall 2	
Minor/Gen Ed Elective	3
HIST 2020 The United States Since 1877	3
Fine Arts	3
Natural Sciences	4
WMST 3330 Feminist Thought and Practice	3
Semester Total	16

Spring 2	
Social/Behavioral Science	3
Non-United States History	3
Humanities	3
Minor/Gen Ed Elective	3
Women's Studies Cultural Production Elective	3
Semester Total	15

Junior Year

Fall 3	
Social/Behavioral Science	3
Minor/Gen Ed Elective	3
Minor/Gen Ed Elective	3
Women's Studies History Elective	3
Women's Studies General Elective	3
Semester Total	15

Spring 3	
Minor/Gen Ed Electives	9
Women's Studies General Elective	3
Women's Studies General Elective	3
Semester Total	15

Senior Year

Fall 4	
Literature	3
Minor/Gen Ed Elective	5
WMST 4500 Senior Capstone	3
Women's Studies General Elective	3
Semester Total	14

Spring 4	
Minor/Gen Ed Electives	5
Women's Studies Civic Engagement Elective	3
Women's Studies General Elective	3
Free Elective	3
Semester Total	14
Total Hours Required for B.A. in Women's Studies	120

College of Business and Technology

Box 70699

Phone: (423) 439-5275

Web address: <http://etsu.edu/cbat/>

Fax: (423) 439-5274

College of Business and Technology

It is the vision of the College of Business and Technology to be nationally recognized as a leader in quality education in the applied sciences, business, and technology in the region. In its desire to fulfill this vision, the college defines its mission as providing quality education and promoting and supporting economic and technical development in our region. The college is comprised of six departments, divided into two divisions: Business and Technology. The Business division has three departments: Accountancy; Economics and Finance; and Management and Marketing. The Technology division has three departments: Computer and Information Sciences; Military Science; and Technology and Geomatics.

College of Business and Technology Honors Program

The College of Business and Technology has a Honors Program to attract, retain, and recognize outstanding students. The Program provides an enriched academic experience for selected students. It features college-wide and department-specific honors courses.

Applicants to the program should have a high school grade point average of 3.5 or greater and an ACT score of 27 or more (or an equivalent SAT score). Scholarships are available. Interested students should contact the College of Business and Technology Honors Program Director, East Tennessee State University, P.O. Box 70699, Johnson City, Tennessee 37614.

Accredited by: AACSB -
**The Association to Advance
Collegiate Schools of Business**

In the business disciplines, undergraduate students develop an understanding of (1) the economic, social, legal, political, and technological environments that influence our society, (2) the significant functions of all private- and public-sector business organizations, and (3) a specialized area of expertise within the field of business. The importance of a broad educational background is emphasized.

The Bachelor of Business Administration (B.B.A.) curriculum includes general education requirements in the liberal arts and sciences, core requirements, and major program requirements.

Five undergraduate majors and several concentrations leading to the B.B.A. degree are available. The majors are accountancy, economics, finance, management, and marketing. Concentrations within some of the majors, include business economics, general business and economics, corporate finance and investments, banking, real estate, human resources management, logistics/supply chain management, general management, legal studies, integrated marketing communications, marketing management, and merchandising.

Also offered is the Bachelor of Arts degree (B.A.) in Economics, which is a non-business degree. A concentration in International Commerce is also available under the B.A. in Economics.

Business students may also pursue graduate study in accountancy, business, economics, and law. In addition, the college provides the opportunity and environment for faculty research and service to the business community.

Course Level Requirements – All 1000- and 2000-level (lower division) courses should be completed by the end of the sophomore year. All students enrolling in 3000- and 4000-level (upper division) Business courses must have junior- or senior-level standing and have completed prerequisite courses.

Major – Students in business meet the requirements for their major by completing the courses listed under their major program.

Entering business students are classified as pre-business (PBUS) until the Special Requirements are met (see Special Admission Requirements for College of Business and Technology B.B.A. Majors on the next page). Prior to the completion of 60 semester credit hours, each student planning to pursue a B.B.A. will be classified as a pre-business student. At the beginning of the junior year, each qualified business student must select a specific major within the college. Qualified students who do not apply for a specific major will be assigned a major in economics with a concentration in general business and economics. See the special admission requirements for business undergraduate majors.

At least 50 percent of the B.B.A. core requirements and major program requirements for the Bachelor of Business Administration degree must be earned at East Tennessee State University.

All business B.B.A. majors are required to complete the curriculum outlined below.

All business graduates must earn a minimum 2.0 overall GPA in all business core requirements and in all major program requirements, including work at ETSU and transfer work.

Seniors must successfully complete the Senior Business Exam (SBE) prior to registering for the capstone course MGMT 4910 Policy and Strategy. The SBE is administered in October and March.

**Special Admission Requirements for
(College of Business and Technology) B.B.A. Majors**

- Each student planning to pursue the B.B.A. degree in business must apply for admission to a business major upon completion of 60 credit hours. Application to a major is a one-time event and occurs as part of the student's advising session in the Undergraduate Programs Office during the semester that the student expects to complete the pre-business coursework. The student must meet the following requirements to be accepted into a major:
 - The student must have attained a minimum overall grade point average of 2.5.
 - The following English composition and mathematics courses of the General Education Requirements must have been successfully completed:

ENGL	1010	Critical Reading and Expository Writing
ENGL	1020	Critical Thinking and Argumentation
MATH	1530	Probability & Statistics - Non-Calculus
 - The student must have completed and earned a grade of C or better in each of the following Business courses:

ACCT	2010	Principles of Accounting I
ACCT	2020	Principles of Accounting II
ECON	2210	Principles of Economics I
ECON	2220	Principles of Economics II
ECON	2070	Quantitative Methods For Business I
ECON	2080	Quantitative Methods For Business II
 - College of Business and Technology students who are studying for a B.B.A. degree without a declared major are classified as pre-business (PBUS) students. The PBUS classification ends after 75 hours. Students changing into the PBUS category from another major or transferring into ETSU from other institutions have until 75 hours or one calendar year from their major change/admission to complete the PBUS required courses.
- The B.B.A. Admissions Committee will review applications the week after final grades are posted and students will be notified of their status via email. Those students who are denied acceptance into a major will be notified of their academic deficiency and be allowed to cure the deficiency during the subsequent regular academic term. The

student who fails to cure the academic deficiency during the subsequent regular academic term must pursue a major other than the B.B.A. at East Tennessee State University.

Only in special cases will an application be considered past 75 hours of completed coursework. The college encourages and welcomes transfer students from other programs. In all instances, these students will be treated as special cases and an academic schedule will be proposed to each individual student that allows matriculation through the B.B.A. program in an appropriate manner. Progression standards are subject to change. Current standards are always available in the Undergraduate Programs Office, 213 and 316 Sam Wilson Hall.

Appeals. Students who have been denied progression to a B.B.A. major may appeal to the Undergraduate Admissions Appeal Committee. Information on the appeal procedures may be obtained in the Undergraduate Programs Office, 213 Sam Wilson Hall.

3. These admission standards apply to all entering ETSU students, to ETSU students seeking to change from a nonbusiness to a business major, to students seeking to transfer from other institutions, and to students readmitted to ETSU.

Additional information regarding admissions and retention policies, as well as career opportunities in business, may be obtained in the college's Office of Undergraduate Studies, Sam Wilson Hall.

Minor – A minor is not required for students who have B.B.A. majors.

Graduate Studies – The Business Division offers the Master of Business Administration (M.B.A.) degree, the Master of Accountancy (M.Acc.) degree, and the Accelerated Master of Accountancy (AMBA). Further information on graduate programs is contained in the School of Graduate Studies Catalog or may be obtained from the college's Office of Graduate Studies in room 214, Sam Wilson Hall. Phone: (423) 439-5314.

Center for Banking – The Center for Banking conducts research and education programs for bank managers and for students with an interest in banking careers. Included are an internship program providing students with practical, on-the-job experience and a speakers program which brings banking and government officials to the classroom.

Business Internship Program

An Internship Program is offered for business students wishing practical experience in their major. Students must be degree-seeking business majors with an overall GPA of 2.75 and have a GPA of 3.0 in business courses. In addition, students must also have declared a major in business and successfully completed at least two courses in their majors before registering for an internship. Students cannot enroll in more than 12 hours of undergraduate coursework when enrolling for a full-time internship at the undergraduate level.

Successful completion of the 130 hours of on-site internship earns students three elective credits in their major. Approval from the Associate Dean for Undergraduate Studies and/or the respective department chair must be given to allow the course to substitute for another course in the major. Only one internship course per student per semester is permitted. Students desiring to enroll in an additional internship must obtain approval from the Assistant Dean for External Programs and Outreach.

A full listing of internship requirements and processes can be found in the College of Business and Technology Internship/Cooperative Guide, which can be obtained in 210 Sam Wilson Hall.

Internships and Cooperatives Offered through Career and Internship Services

Business and Technology students wishing to enroll in an internship or cooperative through Career and Internship Services must meet all of the requirements above plus any additional requirements as outlined in the College of Business and Technology Internship/Cooperative Guide. A full listing of internship and cooperative requirements and processes can be found in the College of Business and Technology Internship/Cooperative Guide, which can be obtained in 210 Sam Wilson Hall.

**Basic Curriculum for All
(College of Business and Technology) B.B.A. Majors**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must pass the information technology proficiency exam or successfully complete CSCI 1100, "Using Information Technology," during their first calendar year or prior to accumulating 33 semester credits at ETSU. In addition, students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	..... 3
ENGL 1020	Critical Thinking and Argumentation	..... 3
Communication:	Oral Communication*	..... 3
MATH 1530	Probability & Statistics-Non-Calculus	..... 3
Natural Sciences*		..... 8
HIST 2010	The United States to 1877	..... 3
HIST 2020	The United States Since 1877	..... 3
Literature*		..... 3
Fine Arts		..... 3
Humanities		..... 3
ECON 2210	Principles of Economics I	..... 3
Social/Behavioral Sciences*		..... 3

B.B.A. Core Requirements 36-39 Credit Hours

ACCT 2010/20	Principles of Accounting I and II	..... 6
ECON 2070/80	Quantitative Methods for Business I & II	..... 6
ECON 2220	Principles of Economics II	..... 3
MGMT 3000	Organizational Behavior & Management	..... 3
MGMT 3050	Decision Science	..... 3
MGMT 3310	Legal Environment of Business	..... 3
MKTG 3200	Principles of Marketing	..... 3
FNCE 3220	Business Finance	..... 3
MGMT 3100	Production and Operations Management	..... 3
MGMT 3220**	Management Information Systems	..... 3
MGMT 4910	Policy and Strategy Formulation	..... 3

Major 24-27 Credit Hours

Electives 13-16 Credit Hours

Total Hours Required for Degree 120 Credit Hours

* See *General Education Core Requirements for options.*

** Not required for Accounting Majors.

Note: Students in the Merchandising Concentration will not have the elective requirements stated above.

Suggested Course Sequence for All

B.B.A. Majors (in the College of Business and Technology)

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
*MATH 1530 Probability & Statistics-Non-Calculus	3
HIST 2010 The United States to 1877	3
Natural Science	4
Humanities/Fine Arts/Literature	3
Semester Total	16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
Communication: Oral Communication	3
Natural Science	4
Humanities/Fine Arts/Literature	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
ACCT 2010 Principles of Accounting I	3
ECON 2070 Quantitative Methods I	3
ECON 2210 Principles of Economics I	3
Humanities/Fine Arts/Literature	3
Social/Behavioral Sciences	3
Semester Total	15

ECON 4457 Industrial Organization and Regulation
 ECON 4527 International Economics
College of Business elective:* 3
** This elective must be approved by the chair of the Department of Economics and Finance prior to enrollment.*

Concentration II – General Business 27 Credit Hours

Basic Requirements:
 ECON 3310 Monetary Economics 3
 ECON 4337 Government Finance and Public Choice 3
 ECON 4610 Managerial Economics 3

Specific Requirements: Select (1) one course from each of the following (5) five groups of courses 15

Group 1
 ACCT 3010 Financial Accounting I
 ACCT 3090 Administrative Accounting
 ACCT 3110 Management Accounting
 ACCT 3410 Federal Income Taxes

Group 2
 FNCE 3120 Principles of Real Estate
 FNCE 3300 Principles of Investment
 FNCE 4447 Banking and Financial Intermediation

Group 3
 MGMT 4010 Advanced Organizational Behavior
 MGMT 4020 Organizational Theory & Development
 MGMT 4510 Human Resources Management
 MGMT 4617 Small Business Management

Group 4
 MKTG 3202 Consumer Behavior
 MKTG 3210 Fundamentals of Distribution
 MKTG 3250 Marketing Communications
 MKTG 3350 Retailing

Group 5
 MGMT 3300 Written Organizational Communication

*College of Business and Technology Elective 3
** This elective must be approved by the chair of the Department of Economics and Finance prior to enrollment.*

Electives 9 Credit Hours
Total Hours Required for Degree 120 Credit Hours
** See university General Education Core Requirements for options.*

Economics Major
The Bachelor of Arts Degree in Economics

The Bachelor of Arts degree in Economics (B.A.) is a non-business degree. The most significant differences between the Bachelor of Business Administration degree (B.B.A.) and the Bachelor of Arts degree in Economics (B.A.) are:

Non-Business B.A. Students:
Are required to satisfy “Bachelor Degree Requirements” listed below.
Do not complete the (College of Business and Technology) “**Basic curriculum for all college of business B.B.A. majors**”.

Are required to demonstrate proficiency in a foreign language as described in this catalog.

Are required to limit their Business Administration and Management courses to no more than 25 percent of the total number of hours completed for the B.A. degree. The 25 percent limit includes courses in Accounting, Finance, Management, and Marketing.

Bachelor of Arts Degree (B.A.)
Economics Major (ECON)

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.
 See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41 Credit Hours
 ENGL 1010 Critical Reading and Expository Writing 3
 ENGL 1020 Critical Thinking and Argumentation 3
 Communication: Oral Communication* 3
 MATH 1530 Probability and Statistics 3
 Natural Sciences* 8
 HIST 2010 The United States to 1877 3
 HIST 2020 The United States Since 1877 3
 Humanities/Fine Arts/Literature* 9
 ECON 2210 Principles of Economics I 3
 Social/Behavioral Sciences* (non-economics courses) 3
** See TBR General Education Core Requirements for options.*

Bachelor of Arts Degree Requirements* 6 Credit Hours
Foreign Language 3

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History 3
** Students studying for a B.A. must complete 3 hours credit in Non-United States History. The department recommends either HIST 1110 or 1120 to fulfill both the B.A. Non-United States History requirement and three credit-hours of the Humanities/Fine Arts requirement. Otherwise, additional coursework is required to fulfill both requirements. The Mathematics requirement is fulfilled with the Mathematics TBR General Education Requirements.*

Economics Core Requirements 21 Credit Hours
 ECON 2070 Quantitative Methods for Business I 3
 ECON 2080 Quantitative Methods for Business II 3
 ECON 2220 Principles of Economics II 3
 ECON 3030 Microeconomics: Theories of Business Behavior ... 3
 ECON 3040 Macroeconomics: Analysis & Policy 3
 ECON 3310 Monetary Economics 3
 ECON 3700 History of Economic Concepts 3

Select 2 courses from: 6 Credit Hours

ECON 4327 Labor Economics
 ECON 4337 Gov. Finance and Public Choice
 ECON 4447 Urban and Regional Economics
 ECON 4457 Industrial Organization & Regulation
 ECON 4527 International Economics
 ECON 4610 Managerial Economics
 MGMT 4347 Collective Bargaining

Minor Requirements* 18-21 Credit Hours
** Minors are selected with the guidance of the chair of the Economics and Finance Department and the approval of the minor department.*

Electives 25-28 Credit Hours
Total Hours Required for Degree 120 Credit Hours

Suggested Course Sequence
Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Natural Science	4
Social/Behavioral Sciences	3
MATH 1530 Probability and Statistics	3
Humanities/Fine Arts/Literature	3
Semester Total	16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
Natural Science	4
Humanities/Fine Arts/Literature	3
Social/Behavioral Sciences	3
Communication: Oral Communication	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Foreign Language	3
HIST 2010 The United States to 1877	3
ECON 2070 Quantitative Methods I	3
ECON 2210 Principles of Economics I	3
Humanities/Fine Arts/Literature	3
Semester Total	15

Second Semester	Credit Hours
Foreign Language	3
HIST 2020 The United States Since 1877	3
ECON 2080 Quantitative Methods for Business II	3
ECON 2220 Principles of Economics II	3
Minor Requirement	3
Semester Total	15

Junior Year

First Semester	Credit Hours
ECON 3040 Macroeconomics: Analysis & Policy	3
ECON 3700 History of Economics Concepts	3
Minor Requirement	3
Elective	6
Semester Total	15

Second Semester	Credit Hours
Humanities/Fine Arts	3
Minor Requirement	3
ECON 3030 Microeconomics: Theories of Business Behavior	3
ECON 3310 Monetary Economics	3
Elective	3
Semester Total	15

Senior Year

First Semester	Credit Hours
Minor Requirement	3
Select 2 courses from	6
Elective	6
Semester Total	15

Second Semester	Credit Hours
Minor Requirement	3
Elective	10
Semester Total	13
Total	120

**Bachelor of Arts Degree (B.A.)
Economics Major (ECON)
International Commerce Concentration (INTC)**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
MATH 1530 Probability and Statistics	3
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Humanities/Fine Arts/Literature*	9
ECON 2210 Principles of Economics I	3
Social/Behavioral Sciences* (non-economics course)	3

* See TBR General Education Core Requirements for options.

Bachelor of Arts Degree Requirements* 6 Credit Hours

Foreign Language	3
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(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at <http://www.etsu.edu/cas/language/students/placement.aspx>)

Non-United States History	3
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* Students studying for a B.A. must complete 3 hours credit in Non-United States History. The department recommends either HIST 1110 or 1120 to fulfill both the B.A. Non-United States History requirement and three credit-hours of the Humanities/Fine Arts requirement. Otherwise, additional coursework is required to fulfill both requirements. The Mathematics requirement is fulfilled with the Mathematics TBR General Education Requirements.

Economics Core Requirements 21 Credit Hours

ECON 2070 Quantitative Methods for Business I	3
ECON 2080 Quantitative Methods for Business II	3
ECON 2220 Principles of Economics II	3
ECON 3030 Microeconomics: Theories of Business Behavior ...	3
ECON 3040 Macroeconomics: Analysis & Policy	3
ECON 3310 Monetary Economics	3
ECON 3700 History of Economic Concepts	3

Foreign Language Requirement 6 Credit Hours

Foreign Language (3000 level or above)	6
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International Commerce Requirement 12 Credit Hours

ACCT 2010 Principles of Accounting I	3
FNCE 3220 Business Finance	3
MKTG 3200 Principles of Marketing	3
MGMT 3000 Organizational Behavior and Management	3

Geo-Political Requirement 12 Credit Hours

PSCI 3310 International Relations	3
ECON 4527 International Economics	3
Geo-Political Electives	6

Select two of the following Geo-Political electives:

PSCI 3010 Chinese Politics	3
PSCI 3800 European Politics	3
PSCI 3830 Government and Politics of Latin America	3
PSCI 3870 Government and Politics of South Asia	3
GEOG 3300 Political Geography	3
GEOG 4307 Regional Geography	3

International Commerce Electives 6 Credit Hours

Select two of the following courses:

FNCE 3300 Principles of Investments	3
FNCE 4597 International Financial Management	3
MKTG 3202 Consumer Behavior	3
MKTG 4710 International Marketing	3
MGMT 3310 Legal Environment of Business	3
MGMT 4450 International Business Law	3

Free Electives 16 Credit Hours

Total Hours Required for Degree 120 Credit Hours

Economics Minor

Economics Minor Requirements 18 Credit Hours

ECON 2210 Principles of Economics I	3
ECON 2220 Principles of Economics II	3
ECON 3310 Monetary Economics	3
Economics electives*	9

Electives to be chosen from the following courses:

ECON 3030 Microeconomics
ECON 3040 Macroeconomics
ECON 3700 History of Economic Concepts
ECON 4317 Health Care Economics
ECON 4327 Labor Economics
ECON 4337 Government Finance and Public Choice
ECON 4447 Urban and Regional Economics
ECON 4527 International Economics
ECON 4610 Managerial Economics

General Business Minor*

General Business Minor Requirements 21 Credit Hours

ACCT 2010 Principles of Accounting I**	3
ACCT 2020 Principles of Accounting II**	3
ECON 2220 Principles of Economics II***	3
FNCE 3220 Business Finance	3
MGMT 3000 Organizational Behavior & Management	3
MGMT 3310 Legal Environment of Business	3
MKTG 3200 Principles of Marketing	3

* The General Business Minor is designed for the non-business student who may be interested in pursuing the master of business administration degree.

** Completion of the students' college-level math requirement is a prerequisite for Principles of Accounting I and Principles of Accounting II.

*** Students should complete Economics 2210 as part of the General Education requirements.

Finance Major

Concentration I –

Corporate Finance and Investments 27 Credit Hours

Basic Requirements:

FNCE 3300 Principles of Investment	3
FNCE 3500 Capital Budgeting	3
FNCE 4620 Financial Analysis and Policy	3

Specific Requirements:

ACCT 3090 Administrative Accounting or	
ACCT course with the approval of the Chair of the	
Department of Economics and Finance	3
FNCE 4560 Portfolio Theory and Valuation	3
FNCE 4597 International Financial Management	3

Select nine hours from: 9

ECON 3310 Monetary Economics
ECON 4610 Managerial Economics
FNCE 4330 Real Estate Finance
FNCE 4447 Banking and Financial Intermediation
FNCE 4617 Applied Portfolio Management or
other upper division College of Business and Technology
electives.*

* These electives must be approved by the chair of the Department of Economics and Finance Studies prior to enrollment.

Concentration II – Banking27 Credit Hours

Basic Requirements:

FNCE 3300	Principles of Investment	3
FNCE 3500	Capital Budgeting	3
FNCE 4620	Financial Analysis and Policy	3

Specific Requirements:

ECON 3310	Monetary Economics	3
FNCE 4447	Banking and Financial Intermediation	3
FNCE 4520	Bank Policy	3

Select nine hours from:9

ACCT 3010	Financial Accounting I
ACCT 3020	Financial Accounting II
FNCE 4330	Real Estate Finance
FNCE 4500	Credit Management
FNCE 4560	Portfolio Theory and Valuation
FNCE 4597	International Financial Management

Other upper division College of Business and Technology electives.*

** These electives must be approved by the chair of the Department of Economics and Finance prior to enrollment.*

Concentration III – Real Estate27 Credit Hours

Basic Requirements:

FNCE 3300	Principles of Investment	3
FNCE 3500	Capital Budgeting	3
FNCE 4620	Financial Analysis and Policy	3

Specific Requirements:

ECON 4447	Urban and Regional Economics	3
FNCE 3120	Principles of Real Estate	3
FNCE 4320	Real Estate Appraisals	3

Select nine hours from:9

ECON 3310	Monetary Economics
FNCE 3130	Real Estate Law
FNCE 4330	Real Estate Finance
FNCE 4340	Real Estate Brokerage
FNCE 4350	Real Estate Management
FNCE 4360	Real Estate Appraisal Problems

Other upper division College of Business and Technology electives.*

** These electives must be approved by the chair of the Department of Economics and Finance prior to enrollment.*

Finance Minor Requirements18 Credit Hours

ACCT 2010	Principles of Accounting I	3
ECON 2220	Principles of Economics II	3
FNCE 3220	Business Finance	3
Finance electives*		9

** These electives must be approved by the chair of the Department of Economics and Finance prior to enrollment.*

**Department of Management and Marketing
(MGMT) (MKTG)**

Box 70625

Phone: (423) 439-4422

225 Sam Wilson Hall

Web address: <http://business.etsu.edu/mgmtmkt>

The Department of Management and Marketing includes a management program and a marketing program. The management program offers study leading to the bachelor of business administration degree with a major in management. Management majors must select one of four concentrations. The marketing program offers study leading to the bachelor of business administration degree with a major in marketing. Marketing majors must select one of three concentrations. Programs are designed to equip students with conceptual foundations and practical skills necessary for entry-level positions in both private and public-sector organizations.

**Management Major
Bachelor of Business Administration**

Concentration I –

Human Resources Management24 Credit Hours

Basic Requirements:

MGMT 4020	Organizational Theory and Development	3
MGMT 4030	Current Management Systems	3

Specific Requirements:

MGMT 4510	Human Resources Management	3
MGMT 4530	Compensation Management	3
MGMT 4560	Planning and Staffing	3
MGMT 4600	Personnel Law	3

Select two courses from:6

MGMT 4010	Advanced Organizational Behavior
MGMT 4520	HRM in Team-Based Organizations
MGMT 4540	Personnel Research and Measurement
MGMT 4570	Training and Development
MGMT 4587	HRM Certification
MGMT 4347	Collective Bargaining
ECON 4327	Labor Economics

Electives must be approved by the Chair of the Department of Management and Marketing prior to enrollment.

Concentration II –

Logistics/Supply Chain Management24 Credit Hours

Basic Requirements:

MGMT 4020	Organizational Theory & Development	3
MGMT 4030	Current Management Systems	3

Specific Requirements:

MKTG 3310	Business Logistics	3
MGMT 4317	Materials Management	3
MGMT 3650	Supply Chain Management	3

Select three courses from:9

MGMT 4357	CIM Applications
MGMT 3660	Project Management
MGMT 4217	Service Operations Management
MKTG 3210	Fundamentals of Distribution
MGMT 4510	Human Resources Management
MGMT 4327	Decision Modeling and Simulation

or upper division College of Business and Technology electives
*(These electives may be tailored into focus areas to fit the specific educational needs of the student.)**

** Must be approved by the Chair of the Department of Management and Marketing prior to enrollment.*

Concentration III – Legal Studies24 Credit Hours

Basic Requirements:

MGMT 4020	Organizational Theory & Development	3
MGMT 4030	Current Management Systems	3

Specific Requirements:

MGMT 4440	Governmental Regulations of Business	3
ENGL 4100	Writing in the Professions	or
ENGL 3130	Advanced Composition	3

Select any four courses from:12

MGMT 4600	Personnel Law
MGMT 4667	Environmental Law for Business
MGMT 3330	Law of Commercial Transactions
MGMT 4420	Law of Business Organizations
MGMT 4430	Manufacturing & Technology Law
MGMT 4450	International Business Law
FNCE 3130	Real Estate Law
ACCT 3410	Federal Income Taxes I
ACCT 4427	Federal Income Taxes II

Concentration IV – General Management24 Credit Hours

Basic Requirements:

MGMT 4020	Organizational Theory & Development	3
MGMT 4030	Current Management Systems	3

Specific Requirements:

MGMT 4510	Human Resources Management	3
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Select two courses from:6

MGMT 4317	Materials Management
MGMT 4327	Decision Modeling and Simulation
MGMT 4330	Data Management
ACCT 4310	Accounting Information Systems
MKTG 3310	Business Logistics or
MKTG 3210	Fundamentals of Distribution
MGMT 3650	Supply Chain Management
MGMT 4217	Service Operations Management
MGMT 4357	CIM Applications

Select one course from:	3
MGMT 4530 Compensation Management	
MGMT 4540 Personnel Research and Measurement	
MGMT 4570 Training and Development	
MGMT 4600 Personnel Law	
MGMT 4560 Planning and Staffing	
MGMT 4347 Collective Bargaining	
MGMT 4520 HRM in Team-based Organizations	

Select two courses from*:	6
Upper Division Business Courses or	
Upper division College of Business and Technology electives*	

*These electives must be approved by the chair of the Department of Management and Marketing prior to enrollment.

Management Minor

Management Minor Requirements	21 Credit Hours
ACCT 2010 Principles of Accounting I	3
ECON 2210 Principles of Economics I	3
MGMT 3000 Organizational Behavior & Management	3
MGMT 4010 Advanced Organizational Behavior	3
MGMT 4020 Organizational Theory & Development	3
Management electives*	6

*These electives must be approved by the chair of the Department of Management and Marketing prior to enrollment.

Marketing Major

Bachelor of Business Administration

Concentration I – Marketing Management 24 Credit Hours

Basic Requirements:	
MKTG 3202 Consumer Behavior	3
MKTG 4617 Marketing Research	3
MKTG 4910 Marketing Management	3

Specific Requirement:	
MKTG 3740 Sales Force Management	3

Select one course from:	3
MKTG 4217 Health Care Marketing	
MKTG 4710 International Marketing	

Select one course from:	3
MKTG 3210 Fundamentals of Distribution	
MKTG 3310 Business Logistics	
Electives - Any (2) two Marketing courses or	
Approved electives*	6

*These electives must be approved by the Chair of the Department of Management and Marketing prior to enrollment.

Concentration II – Integrated Marketing Communications 24 Credit Hours

Basic Requirements:	
MKTG 3202 Consumer Behavior	3
MKTG 4617 Marketing Research	3
MKTG 4910 Marketing Management	3

Specific Requirements:	
MKTG 3250 Marketing Communications	3
MKTG 3740 Sales Force Management	3
MKTG 3750 Advertising Campaign Management	3
Electives - Any two Marketing courses or	
approved electives*	6

*These electives must be approved by the Chair of the Department of Management and Marketing prior to enrollment.

Concentration III – Merchandising 40 Credit Hours

Basic Requirements:	
MKTG 3202 Consumer Behavior	3
MKTG 4617 Marketing Research	3
MKTG 4910 Marketing Management	3

Specific Requirements:	
MKTG 2220 Perspectives on Dress, Culture, and Society	3
MKTG 3215 Consumer Textiles	3
MKTG 3230 Fashion Fundamentals	3
MKTG 3225 Apparel Product Analysis	3
MKTG 4220 Fashion Merchandising	3
MKTG 4255 Merchandise Planning and Buying	4
MKTG 4240 Visual Merchandising	3
MKTG 4250 Advertising and Promotion	3

MKTG 4261 Merchandising Internship	3
MKTG 4221 Merchandising Study Tour or	
MKTG 4905 Marketing Internship	3

Note: Students in the Merchandising Concentration will not have the elective requirements stated above.

Marketing Minor

Marketing Minor Requirements 21 Credit Hours

ACCT 2010 Principles of Accounting I	3
ECON 2210 Principles of Economics I	3
ECON 2220 Principles of Economics II	3
MKTG 3200 Principles of Marketing	3
Marketing Electives*	9

*These electives must be approved by the Chair of the Department of Management and Marketing prior to enrollment.

Department of Computer and Information Sciences

Box 70711

Phone: (423) 439-5804

E-mail: counter@etsu.edu

Major

The department offers a Bachelor of Science degree with three (3) areas of concentration: Computer Science, Information Systems Science, and Information Technology. The Information Systems Science Concentration requires a minor in Management or Accountancy. A minor is not required in the other concentrations.

Computer Science (CS) Concentration

The Computer Science concentration is for students who wish to enter the field of software systems analysis and development in a scientific, engineering, or mathematical environment, and by those who plan graduate study in computer science or applied computational mathematics.

Information Systems Science (IS) Concentration

The IS concentration supplements the CSCI core curriculum with courses in e-Business, Enterprise Resource Planning, and Enterprise System implementation and programming. Students select an emphasis in accounting or management and explore the application of information systems in business process definition and execution. This concentration is designed for students who wish to apply their knowledge in e-Business development, Enterprise Resource Planning, Enterprise System implementation, or within their emphasis area, and for those who plan graduate work in information science or business administration.

Information Technology (IT) Concentration

The IT concentration supplements the CSCI core curriculum with courses in web development, database, system administration, human computer interaction, security, and ethics. Students select a general or web emphasis. This concentration is designed for students who wish to apply their knowledge in web development, database management, or network administration, and for those who plan graduate work in information technology.

Grade Requirements

In order to graduate, a computer and information sciences major must attain:

1. An overall GPA of 2.50 or better; and
2. A GPA of 2.50 or better in all computer and information science courses; and
3. A grade of "C -" or better in all major requirements. This includes both common core and concentration specific courses, but not natural sciences; and
4. A minimum grade of "C" in English 1010 and 1020.
5. A minimum grade of "C-" in all math courses required for the major.

All concentrations must complete 124 credit hours, including the ETSU General Education Requirements, the Common Computer and Information Sciences Core, and the Concentration Specific Courses.

CSCI majors must pass the proficiency exam or complete CSCI 1100 (Using Information Technology) prior to accumulating 33 semester credit hours.

**Bachelor of Science Degree (B.S.)
Computing Major (CISC)
Computer Science Concentration (CSCI)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3	
ENGL 1020	Critical Thinking and Argumentation	3	
Communication: Oral Communication*			3
MATH 1530	Probability & Statistics	3	
Natural Sciences**			8
HIST 2010	The United States to 1877	3	
HIST 2020	The United States Since 1877	3	
Literature*			3
Fine Arts*			3
Humanities*			3
Social/Behavioral Sciences			6

* See TBR General Education Core Requirements for options.

** Any 2-semester science sequence listed in the General Education Core Requirements except those for non-science majors.

Computer Science Common Core 22 Credit Hours

CSCI 1510	Student in University*	3	
CSCI 2020	Fundamentals of Database	3	
CSCI 2150	Computer Organization	4	
CSCI 3250	Software Engineering I	3	
CSCI 3350	Software Engineering II	3	
CSCI 3400	Network Fundamentals	3	
Natural Science Sequence -			
Two courses of same science sequence			**
(See note above with TBR General Education Requirements.)			
MATH 1530	Probability & Statistics	**	
CSCI 1900	Math for Computer Science	3	

* For 1st semester freshmen only. If not taken or passed, another approved CSCI elective must be taken in its place.

** Satisfies TBR General Education Requirement.

Computer Science Concentration 53 Credit Hours

CSCI 1250	Introduction to Computer Science I	4	
CSCI 1260	Introduction to Computer Science II	4	
CSCI 2160	Assembly Language	4	
CSCI 2210	Data Structures	4	
CSCI 2230	File Processing	4	
CSCI 4717	Computer Architecture	3	
CSCI 4727	Operating Systems	3	
Four Major Electives*			12

* See CS and IS Electives. At least one (1) must be from category A and one (1) from category B. Required courses may not count as electives.

MATH 1910	Calculus I	4	
MATH 1920	Calculus II	4	
MATH 2010	Linear Algebra	3	
Additional Science Credits			4
(See list at the end of section for approved courses.)			

Free Electives 8 Credit Hours

Total Credit Hours Required for Degree... 124 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
Communication: Oral Communication	3
CSCI 1510 Student in University	3
CSCI 1200 Adventures in Computing	3
ENGL 1010 Critical Reading and Expository Writing	3
CSCI 1900 Math for Computer Science	3
Semester Total	15

Second Semester	Credit Hours
Humanities	3
CSCI 1250 Introduction to Computer Science I	4
CSCI 2020 Fundamentals of Database	3
ENGL 1020 Critical Thinking and Argumentation	3
Fine Arts	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
CSCI 1260 Introduction to Computer Science II	4
CSCI 2150 Computer Organization	4
MATH 1910 Calculus I	4
HIST 2010 The United States to 1877	3
Semester Total	15

Second Semester	Credit Hours
CSCI 2210 Data Structures	4
CSCI 2160 Assembly Language	4
HIST 2020 The United States Since 1877	3
MATH 1920 Calculus II	4
Semester Total	15

Junior Year

First Semester	Credit Hours
CSCI 2230 File Processing	4
CSCI 3400 Network Fundamentals	3
MATH 2010 Linear Algebra	3
Natural Science	4
Social/Behavioral Sciences	3
Semester Total	17

Second Semester	Credit Hours
CSCI 3250 Software Engineering I	3
CSCI Major Elective	3
Natural Science	4
Literature	3
MATH 1530 Probability and Statistics	3
Semester Total	16

Senior Year

First Semester	Credit Hours
CSCI 4717 Computer Architecture	3
CSCI Major Elective	3
CSCI Major Elective	3
Natural Science	4
CSCI 3350 Software Engineering II	3
Semester Total	16

Second Semester	Credit Hours
CSCI 4727 Operating Systems	3
CSCI Major Elective	3
Social/Behavioral Science	3
Free Electives	5
Semester Total	14
Total	124

**Bachelor of Science Degree (B.S.)
Computing Major (CISC)
Information Systems Concentration (INSS)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3	
ENGL 1020	Critical Thinking and Argumentation	3	
Communication: Oral Communication*			3
MATH 1530	Probability & Statistics	3	
Natural Sciences**			8
HIST 2010	The United States to 1877	3	
HIST 2020	The United States Since 1877	3	
Literature*			3
Fine Arts*			3
Humanities*			3
Social/Behavioral Sciences			6

* See TBR General Education Core Requirements for options.

** Any 2-semester science sequence listed in the General Education Core Requirements except those for non-science majors.

Computer Science Common Core 22 Credit Hours

CSCI 1510 Student in University*	3
CSCI 2020 Fundamentals of Database	3
CSCI 2150 Computer Organization	4
CSCI 3250 Software Engineering I	3
CSCI 3350 Software Engineering II	3
CSCI 3400 Network Fundamentals	3
Natural Science Sequence - Two courses of same science sequence (See note above with TBR General Education Requirements)	**
MATH 1530 Probability & Statistics	**
CSCI 1900 Math for Computer Science	3

* For first semester freshman only. If not taken or passed, another approved CSCI elective must be taken in its place.
 ** Satisfies TBR General Core Requirements.

Information Systems Concentration 53-57 Credit Hours

CSCI 1250 Introduction to Computer Science I	4
CSCI 1260 Introduction to Computer Science II	4
CSCI 1710 WWW - Design & Creation	3
CSCI 2200 Introduction to UNIX	1
CSCI 2210 Data Structures	4
CSCI 2910 Client & Server Side Programming	4
CSCI 4227 Advanced Database Systems	3
CSCI 4417 System Administration	3
Two CSCI Major Electives*	6

* See Computer Science Major Elective categories, must include at least one course from Category A and one from Category B. Required courses may not count as major electives.

MATH 1840 Analytical Geometry & Differential Calculus	or
MATH 1910 Calculus I	3-4

Information Systems Emphasis 18 Credit Hours

* Complete either Accountancy or Management minor (see below).

Accountancy Minor

ACCT 2010 Principles of Accounting I	3
ACCT 2020 Principles of Accounting II	3
ACCT 3010 Financial Accounting I	3
ACCT 3110 Management Accountancy	3
Two approved ACCT electives	6

Management Minor

ECON 2210 Principles of Economics	*
ACCT 2010 Principles of Accounting I	3
MGMT 3000 Organizational Behavior and	3
MGMT 4010 Advanced Organizational Behavior	3
MGMT 4020 Organizational Theory & Dev. Mgmt.	3
Two approved MGMT electives	6

* Satisfies General Education requirement.

Electives	6 Credit Hours
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Total Credit Hours Required 124 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
Communication: Oral Communication	3
CSCI 1510 Student in University	3
CSCI 1200 Adventures in Computing	3
ENGL 1010 Critical Reading and Expository Writing	3
CSCI 1900 Math for Computer Science	3
Semester Total	15

Second Semester	Credit Hours
CSCI 1250 Introduction to Computer Science I	4
CSCI 2020 Fundamentals of Database	3
ENGL 1020 Critical Thinking and Argumentation	3
Social/Behavioral Sciences	3
Fine Arts	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
CSCI 1260 Introduction to Computer Science II	4
CSCI 1710 World Wide Web - Design	3
CSCI 2150 Computer Organization	4
HIST 2010 The United States to 1877	3
MATH 1840 Analytic Geometry and Differential Calculus	or
MATH 1910 Calculus I	3-4
Semester Total	17-18

Second Semester	Credit Hours
CSCI 2200 Introduction to UNIX	3
CSCI 3400 Network Fundamentals	3
CSCI 2910 Client & Server Side Programming	4
HIST 2020 The United States Since 1877	3
CSCI 2210 Data Structures	4
Semester Total	17

Junior Year

First Semester	Credit Hours
CSCI 4127 Database Advanced Topics	3
CSCI 3250 Software Engineering I	3
Natural Science	4
MATH 1530 Probability and Statistics	3
Course from ACCT or MGMT Minor	3
Semester Total	16

Second Semester	Credit Hours
CSCI 3350 Software Engineering II	3
Literature	3
Natural Science	4
Course from ACCT or MGMT minor	3
Social/Behavioral Science	3
Semester Total	16

Senior Year

First Semester	Credit Hours
CSCI 4417 System Administration	3
CSCI Major Elective	3
Course from ACCT or MGMT minor	3
Course from ACCT or MGMT minor	3
Humanities	3
Semester Total	15

Second Semester	Credit Hours
CSCI Major Elective	3
Course from ACCT or MGMT minor	3
Course from ACCT or MGMT minor	3
Free Elective	3
Semester Total	12
Total	124-125

**Bachelor of Science Degree (B.S.)
Computing Major (CISC)
Information Technology Concentration (ITEC)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Requirements 41 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
MATH 1530 Probability & Statistics	3
Natural Sciences**	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences	6

* See TBR General Education Core Requirements for options.

** Any 2-semester science sequence listed in the General Education Core Requirements except those for non-science majors.

Computer Science Common Core 22 Credit Hours

CSCI 1510 Student in University*	3
CSCI 2020 Fundamentals of Database	3
CSCI 2150 Computer Organization	4
CSCI 3250 Software Engineering I	3
CSCI 3350 Software Engineering II	3
CSCI 3400 Network Fundamentals	3
Natural Science Sequence - Two courses of same science sequence (See note above with TBR General Education Requirements.)	**
MATH 1530 Probability & Statistics	**
CSCI 1900 Math for Computer Science	3

* For 1st semester freshmen only. If not taken or passed, another approved CSCI elective must be taken in its place.

** Satisfies TBR General Core Requirements.

Information Technology Concentration 48 Credit Hours

CSCI 1250 Introduction to Computer Science I	4
CSCI 1260 Introduction to Computer Science II	4
CSCI 1710 World Wide Web - Design and Creation	3

CSCI 2200	Introduction to UNIX	3
CSCI 2300	Essentials of Information Security	3
CSCI 2910	Client and Server Side Program	4
CSCI 4217	Ethical Issues in Computing	3
CSCI 4417	System Administration	3
CSCI 4800	Senior Project in Information Technology	3
CSCI 4927	Human Computer Interaction	3

Five Major Electives for Information Technology Emphasis .15
(Complete General Emphasis or Web Emphasis.)

General Emphasis

CSCI 4127	Database Advanced Topics	3
Guided Major Electives*		12

* See Information Technology Electives at the end of this section. At least two (2) must be CSCI electives and two (2) at the 3XXX/4XXX level.

Web Emphasis

CSCI 3110	Advanced Topics in Web Development	3
CSCI 4127	Database Advanced Topics	3
Guided Major Electives		9

* See Information Technology Electives at the end of this section. At least one (1) must be CSCI electives and one (1) at the 3XXX/4XXX level.

Electives		13 Credit Hours
Total Hours Required For Degree		124 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
Communication: Oral Communication	3
CSCI 1510 Student in University	3
CSCI 1710 WWW Design and Creation	3
ENGL 1010 Critical Reading and Expository Writing	3
CSCI 1200 Adventures in Computing	3
Semester Total	15

Second Semester	Credit Hours
CSCI 1250 Introduction to Computer Science I	4
CSCI 1900 Math for Computer Science	3
ENGL 1020 Critical Thinking and Argumentation	3
CSCI 2020 Fundamentals of Database	3
Social/Behavioral Sciences	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
CSCI 2150 Computer Organization	4
CSCI 2200 Introduction to UNIX	3
CSCI 1260 Introduction to Computer Science II	4
HIST 2010 The United States to 1877	3
MATH 1530 Probability and Statistics	3
Semester Total	17

Second Semester	Credit Hours
CSCI 2910 Client & Server Side Prog.	4
CSCI 3400 Network Fundamentals	3
HIST 2020 The United States Since 1877	3
CSCI 2300 Essentials of Information Security	3
Literature	3
Semester Total	16

Junior Year

First Semester	Credit Hours
CSCI 4127 Database Advanced Topics	3
CSCI 3250 Software Engineering I	3
CSCI 3110 Advanced Topics in Web Development*	3
Natural Science	4
Social/Behavioral Sciences	3
Semester Total	16

* General Emphasis will replace with Guided Elective.

Second Semester	Credit Hours
CSCI 4417 Systems Administration	3
CSCI 3350 Software Engineering II	3
CSCI 4927 Human Computer Interaction	3
Natural Sciences	4
Fine Arts	3
Semester Total	16

Senior Year

First Semester	Credit Hours
CSCI 4217 Ethical Issues in Computing	3
Guided Major Elective	3
Guided Major Elective	3
Humanities	3
Free Elective	3
Semester Total	15

Second Semester	Credit Hours
CSCI 4800 Senior Project in Information Technology	3
Guided Major Elective	3
Free Electives	7
Semester Total	13
Total	124

Computer Science/Information Science

Minor Track		27 Credit Hours
CSCI 1250	Intro to Computer Sci I	4
CSCI 1260	Intro to Computer Sci II	4
CSCI 2150	Computer Organization	4
CSCI 2210	Data Structures	4
CSCI	Approved CSCI major electives, including at least six (6) hours at the 3000 level or above; CSCI 1100, 1101, and 1510 may not be included	11

* Note: A C- or better in all minor courses is required.

Information Technology Minor Track		27 Credit Hours
CSCI 1710	World Wide Web - Design and Creation	3
CSCI 1800	Visual Program Design w/Apps	3
CSCI 2150	Computer Organization	4
CSCI 2800	Visual Programming - Adv Concepts	4
CSCI 2910	Client & Server Side Programming	4
CSCI	Approved CSCI major electives, including at least six (6) hours at the 3000 level or above; CSCI 1100, 1101, and 1510 may not be included	9

* Note: A C- or better is required in each of the courses taken to satisfy the requirements of the minor.

**Department of Engineering Technology,
Surveying, and Digital Media**

Box 70552

Phone: (423) 439-7813

email: johnsonk@etsu.edu

The Department of Engineering Technology, Surveying, and Digital Media administers four separate and distinct undergraduate Bachelor of Science (B.S.) degree programs: Engineering Technology, Digital Media, Interior Design, and Surveying and Mapping Science. In addition, a minor is available in technology and digital media. Engineering Technology offers a common core of classes along with six individual concentrations: biomedical engineering technology, construction technology, electronics engineering technology, industrial technology, product development, and manufacturing engineering technology. Digital Media offers a core and three separate concentrations: digital animation, digital interaction, and digital visualization. The Interior Design curriculum offers preparation for entry-level positions in residential and contact design firms, sales, design consulting, computer-aided design, and other related design areas. The Surveying and Mapping curriculum has a core curriculum and guided electives in three sequences: cadastral/design, geoscience, surveying business.

Programs

Engineering Technology

Interior Design
Digital Media

Surveying and Mapping Science

Concentrations

Biomedical Engineering Tech.
Construction Engineering Technology
Electronics Engineering Tech.
Industrial Technology
Manufacturing Engineering Tech.
Product Development

Digital Animation
Digital Interaction
Digital Visualization

GRADUATE STUDY

The Department of Engineering Technology, Surveying, and Digital Media offers a master of science degree.

TRANSFERRING TECHNICAL ASSOCIATE DEGREES

All non-technology coursework such as math, science, and English is evaluated for transfer by an analyst in the Office of Admissions. All technology coursework submitted for transfer will be analyzed by the department chair or the appropriate program coordinator. The following criteria apply:

1. Coursework must have been taken at a regionally accredited two- or four-year institution.
2. Coursework must be equivalent to an ETSU course; if not, it will count as elective credit.

- Only courses for which a grade of C or higher was earned will be accepted for transfer credit for courses in technology, mathematics, science or English.
- No associate degree coursework will be accepted for Engineering Technology coursework at the 4xxx level.

In consultation with the associate degree-holding student, an agreement will be written listing the coursework that must be successfully completed by the student to receive a Bachelor of Science degree with a major in technology.

Students contemplating the transfer of their technology-based associate degree should read the policy statement regarding transfer student admissions elsewhere in this catalog and confer with a Engineering Technology, Surveying, and Digital Media advisor.

Minor

A minor in technology and a minor in Digital Media are available to students who wish to acquire technical knowledge and skills. Requirements for the technology minor are 21 credit hours (nine of which must be upper division courses) of study in the department. Concentration study in a particular technical area is required. Students must meet the prerequisites listed in the catalog for a particular course they wish to take or obtain permission of the instructor.

A minor in Digital Media is available to students from all majors who wish to acquire technical knowledge and skills in Digital Media. Requirements for the minor are 24 credit hours of study in Digital Media. Students must meet the prerequisites listed in the catalog for a particular course they wish to take or obtain permission from the instructor.

Students are encouraged to choose guided electives that provide an emphasis in a particular area of specialization in Digital Media.

Students who transfer technical courses from technical institutes, colleges, or military technical schools who wish to pursue a minor in technology must complete a minimum of three (3) approved upper division courses in the department regardless of the number of credit hours transferred. Prior to registering for the final three (3) courses in the minor, students are required to meet with an academic advisor in the Department of Engineering Technology, Surveying, and Digital Media.

Biomedical Engineering Technology Concentration

This concentration is designed to prepare graduates to work as hospital-based biomedical engineering technologists.

Bachelor of Science Degree (B.S.)

Engineering Technology Major (ENTC)

Biomedical Engineering Technology Concentration (BIOM)

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.
 See ETSU Academic Proficiency Requirements for details.

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*	.....	3
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
PHYS 2010/11	General Physics Lecture/Lab I	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
Literature*	.....	3
Fine Arts*	.....	3
ENTC 3020	Technology and Society	3
Social/Behavioral Sciences*	.....	6

* See TBR General Education Core Requirements for options.

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	Computer Aided Design Drafting	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
ENTC 4600	Technology Practicum	4

Biomedical Engineering

Concentration Requirements 68 Credit Hours

ENTC 2310	Electrical Principles	4
ENTC 2320	Electronics I	4
ENTC 2330	Network Systems	3
ENTC 3310	Circuit Analysis	3
ENTC 3320	Electronics II	4
ENTC 3331	RF Fundamentals	3
ENTC 3370	Electronics-Digital Circuits	4
ENTC 4277	Instrum./Process Control	4
ENTC 4337	Electronics-Microprocessors	4
ENTC 4347	Digital Signal Processors	4
ENTC 4350	Biomedical Instrumentation I	4
ENTC 4390	Medical Imaging Equipment	3
HSCI 2010/11	Anatomy and Physiology I	4
HSCI 2020/21	Anatomy and Physiology II	4
MATH 1720	Precalculus	3
MATH 1840	Analytic Geometry and Differential Calculus	3
MATH 1850	Integral Calculus for Technology	3
Technical Electives	.....	7

Total Hours Required for Degree..... 128 Credit Hours

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ENTC 1510	Student in University	2
Communication: Oral Communication	.....	3
Social/Behavioral Sciences	.....	3
MATH 1720	Precalculus	3
Semester Total	.....	14
Second Semester		Credit Hours
ENTC 2170	Computer Aided Design Drafting (CADD)	4
ENGL 1020	Critical Thinking and Argumentation	3
CHEM 1110/11	General Chemistry I	4
MATH 1840	Analytic Geometry & Differential Calculus	3
Fine Arts Elective	.....	3
Semester Total	.....	17

Sophomore Year

First Semester		Credit Hours
ENTC 2310	Electrical Principles	4
MATH 1850	Integral Calculus	3
HSCI 2010/11	Anatomy & Physiology I Lecture/Lab	4
PHYS 2010/11	General Physics I Lecture/Lab	4
Literature	.....	3
Semester Total	.....	18
Second Semester		Credit Hours
ENTC 2320	Electronics I	4
ENTC 3310	Circuit Analysis	3
ENTC 3030	Tech. Communications	3
MATH 1530	Probability and Statistics	3
HSCI 2020/21	Anatomy & Physiology II Lecture/Lab	4
Semester Total	.....	17

Junior Year

First Semester		Credit Hours
ENTC 2330	Network Systems	3
ENTC 3320	Electronics II	4
ENTC 3331	RF Fundamentals	3
ENTC 4017	Industrial Supervision	3
HIST 2010	The United States to 1877	3
Semester Total	.....	16
Second Semester		Credit Hours
ENTC 3370	Electronics - Digital Circuits	4
ENTC 4060	Project Scheduling	3
ENTC 4277	Instr./Procd. Ctr'l	4
ENTC 4600	Technical Practicum	4
HIST 2020	The United States Since 1877	3
Semester Total	.....	18

Senior Year

First Semester		Credit Hours
ENTC 3020	Technology and Society	3
ENTC 4337	Microprocessors	4
ENTC 4350	Biomedical Instruction I	4
Technical Elective	.....	4
Semester Total	.....	15

Second Semester	Credit Hours
ENTC 4347 Digital Signal Processors	4
ENTC 4390 Medical Imaging	3
Technical Elective	3
Social/Behavioral Sciences	3
Semester Total	13
Total	128

Construction Engineering Technology Concentration

This program is accredited by the Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: (410) 347-7700.

This concentration offers a diversified curriculum that prepares individuals for employment in the construction industry. Graduates are prepared for job opportunities in construction operations, management, testing, and design.

**Bachelor of Science Degree (B.S.)
Engineering Technology Major (ENTC)**

Construction Engineering Technology Concentration (CONS)

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication:	Oral Communication*	3
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
PHYS 2010/11	General Physics I Lecture/Lab	4
PHYS 2020/21	General Physics Lecture/Lab II or	
CHEM 1110/11	General Chemistry I Lecture/Lab or	
GEOL 1040	Physical Geology	4
Literature*	.....	3
Fine Arts*	.....	3
ENTC 3020	Technology and Society	3
PSYC 1310	Introduction to Psychology	3
Social/Behavioral	Sciences*	3

*See TBR General Education Core Requirements

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	Computer Aided Design Drafting	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
ENTC 4600	Technology Practicum	4

Construction Engineering

Concentration Requirements 68 Credit Hours

ENTC 2410	Construction Fundamentals	4
ENTC 2420	Residential & Commercial Planning	4
ENTC 2440	Mechanical Systems	4
ENTC 3010	Statics & Strength of Materials	4
ENTC 3400	Construction Materials	4
ENTC 3410	Construction Estimating	4
ENTC 3420	Advanced Construction Estimating	4
ENTC 3430	Materials & Methods I	4
ENTC 3440	Materials & Methods II	4
ENTC 3620	Thermal & Fluid Technologies	4
ENTC 3650	Applied Electricity-Electronics	4
ENTC 4417	Construction Financing & Admin.	3
ENTC 4777	Safety Management	3
SURV 2550	Surveying Measurement Fundamentals	4

Technology Elective	3	
ACCT 2010	Principles of Accounting I	3
MATH 1720	Precalculus	3
MATH 1840	Analytic Geometry and Differential Calculus	3
MATH 1850	Integral Calculus for Technology	3
Total Hours Required for Degree.....	128 Credit Hours	

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENTC 1510 Student in University 'F,S	2
ENTC 2410 Construction Fundamentals F,S	4
ECON 2210 Principles of Economics I	3
ENGL 1010 Critical Reading and Expository Writing	3
MATH 1720 Precalculus	3
Semester Total	15
Second Semester	Credit Hours
ENTC 2170 CADD (Computer Aided Design Drafting) F,S,Sum	4
ENTC 2420 Residential & Commercial Planning F,S	4
MATH 1840 Analytic Geometry/Differential Calculus	3
ENGL 1020 Critical Thinking and Argumentation	3
PSYC 1310 Introduction to Psychology	3
Semester Total	17

Sophomore Year

First Semester	Credit Hours
ENTC 3650 Electrical Systems F,S	4
MATH 1850 Integral Calculus	3
SPCH 2300 Public Speaking	3
PHYS 2010/11 General Physics Lecture/Lab I	4
Semester Total	14
Second Semester	Credit Hours
ENTC 2440 Mechanical Systems S	4
ENTC 3010 Statics and Strengths of Materials F,S	4
MATH 1530 Probability and Statistics	3
PHYS 2020/21 General Physics Lecture/Lab II or	
GEOL 1040 Physical Geology or	
CHEM 1110/11 General Chemistry I Lecture/Lab	4
Semester Total	15

Junior Year

First Semester	Credit Hours
ENTC 3030 Technical Communication F,S,Sum	3
ENTC 3400 Construction Material Testing F	4
ENTC 3410 Construction Estimating F	4
HIST 2010 The United States to 1877	3
ACCT 2010 Introduction to Accounting	3
Semester Total	17
Second Semester	Credit Hours
ENTC 3420 Advanced Construction Estimating S	4
ENTC 3620 Hydraulic Technology S	4
ENTC 3430 Materials and Methods I S	4
HIST 2020 The United States Since 1877	3
Fine Arts	3
Semester Total	18

Senior Year

First Semester	Credit Hours
ENTC 4777 Safety Management F,S	3
ENTC 3440 Materials and Methods II F	3
ENTC 4417 Construction Financing and Admin. F	3
ENTC 3020 Technology and Society F,S,Sum	3
Literature	3
Semester Total	15
Second Semester	Credit Hours
ENTC 4060 Project Scheduling F,S,Sum	3
ENTC 4600 Technical Practicum F,S	4
ENTC 4017 Industrial Supervision F,S	3
Technology Elective	3
SURV 2550 Surveying Measurement Fundamentals	4
Semester Total	17
Total	128

¹ F,S,Sum represent Fall, Spring, and Summer semester offerings.

**Bachelor of Science Degree (B.S.)
Engineering Technology Major (ENTC)
Electronics Engineering Technology Concentration (ELEC)**

This program is accredited by the Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: (410) 347-7700. This concentration emphasizes electronics specialties in the areas of Telecommunications and Instrumentation and Automation. It prepares individuals for job opportunities in all areas of electronics with selection of the general specialty.

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives. See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication:	Oral Communication*	3
MATH 1530	Probability and Statistics	3
PHYS 2010/11	Physics I	4
PHYS 2020/21	Physics II	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
ENTC 3020	Technology and Society	3
Social/Behavioral	Sciences Elective*	6

*See TBR General Education Core Requirements.

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	CADD	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
ENTC 4600	Technology Practicum	or
ENTC 3989	Co-op Education	4

Additional Requirements 68 Credit Hours

CHEM 1110/11	General Chemistry I Lecture/Lab	4
ENTC 2310	Electronic Principles	4
ENTC 2320	Electronics I	4
ENTC 3310	Circuit Analysis	3
ENTC 3320	Electronics II	4
ENTC 3370	Electronics Digital Circuits	4
ENTC 4037	Quality Assurance I	3
ENTC 4310	Electronics Communications	4
ENTC 4337	Microprocessors	4
MATH 1720	Precalculus	3
MATH 1840	Analytic Geometry & Diff. Calculus	3
MATH 1850	Integral Calculus for Technology	3
Elective		3
Electronics Electives		11

Select from the following: ENTC 3340, ENTC 3350, ENTC 4227, ENTC 4390, PHYS 3310, MATH 2010

Specialty Electives 11

Select (1) One Area:

Telecommunications: ENTC 2330, ENTC 4307, ENTC 4347

Inst. & Automation: ENTC 4277, ENTC 4287, ENTC 4237

General: Choose 11 credit hours from courses listed above.

Total Hours Required for Degree 128 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENTC 1510	Student in University	2
ENGL 1010	Critical Reading and Expository Writing	3
² Fine Arts Elective		3
MATH 1720	Precalculus	3
Communication: Oral Communication		3
Semester Total		14
Second Semester		Credit Hours
ENTC 2170	CADD (Computer Aided) Design Drafting	4
¹ MATH 1840	Analytical Geom./Diff. Calculus	3
CHEM 1110/11	General Chemistry Lecture/Lab	4
ENGL 1020	Critical Thinking	3
ENTC 2310	Electrical Principles	4
Semester Total		18

Sophomore Year

First Semester		Credit Hours
ENTC 2320	Electronics I	4
¹ MATH 1850	Integral Calculus	3
³ Literature Elective		3
PHYS 2010/11	General Physics Lecture/Lab	4
² Social/Behavioral Sciences Elective		3
Semester Total		17

Second Semester		Credit Hours
ENTC 3310	Circuit Analysis	3
ENTC 3320	Electronics II	4
MATH 1530	Probability and Statistics	3
PHYS 2020/21	General Physics Lecture/Lab I	4
² Social/Behavioral Sciences Elective		3
Semester Total		17

Junior Year

First Semester		Credit Hours
ENTC 3370	Digital Circuits	4
⁴ Electronics Elective		4
ENTC 3030	Technical Communications	3
ENTC 4037	Quality Assurance I	3
HIST 2010	The United States to 1877	3
Semester Total		17

Second Semester		Credit Hours
⁴ Electronics Elective		4
Open Elective		3
ENTC 3020	Technology & Society	3
ENTC 4060	Project Scheduling	3
HIST 2020	The United States Since 1877	3
Semester Total		16

Senior Year

First Semester		Credit Hours
ENTC 4310	Electronic Communications	4
ENTC 4337	Microprocessors	4
⁵ Electronics Specialization		4
⁴ Electronics Elective		3
Semester Total		15

Second Semester		Credit Hours
⁵ Electronics Specialization		4
⁶ Electronics Specialization		3
ENTC 4017	Industrial Supervision	3
ENTC 4600	Technical Practicum	4
Semester Total		14
Total		128

¹ MATH 1910 and MATH 1920 (8 credit hours) will satisfy the requirement of MATH 1840 and 1850 (6 credit hours).

² See catalog for course numbers that will satisfy this requirement.

³ Select one course: ENGL 2030, ENGL 2130, ENGL 2210, ENGL 2220, ENGL 2330, or ENGL 2430.

⁴ Select from: ENTC 3340, ENTC 3350, ENTC 4390, PHYS 3310, MATH 2010, ENTC 4227.

⁵ Each student must complete the courses in one of the following specialties:

Telecommunications: ENTC 2330; ENTC 4307; ENTC 4347

Inst. & Automation: ENTC 4277; ENTC 4287; ENTC 4237

General: Choose 11 credit hours from courses listed above.

To Students Transferring into the Electronics Engineering Technology Program at ETSU

All students, including transfer students, must complete the published curriculum in electronics engineering technology in effect the year of their entry into the program. All students transferring into the B.S. degree electronic engineering technology program must take a minimum of four electronics courses that must include ENTC 3310—Circuit Analysis. No associate degree coursework will be accepted for electronic coursework at the 4XXX level.

If the transfer student is from a program that is not accredited by the Accreditation Board for Engineering and Technology (ABET), the required minimum must also include ENTC 3320—Electronics II. It is the students' responsibility to provide evidence that the transferred coursework was completed at an ABET-accredited institution. (This information would usually be found in the school's catalog.)

Industrial Technology Concentration

This concentration is a management-oriented curriculum with studies drawn from a variety of disciplines related to industry. The graduate develops skills to help solve managerial, technical, and production problems.

**Bachelor of Science Degree (B.S.)
Engineering Technology Major (ENTC)
Industrial Technology Concentration (INDU)**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.
See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2300	Public Speaking	3
MATH 1530	Probability and Statistics	3
CHEM 1110/11	General Chemistry I Lecture/Lab	4
PHYS 2010/11	General Physics I Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
ECON 2210	Principles of Economics I	3
PSYC 1310	Introduction to Psychology	3
ENTC 3020	Technology & Society	3

*See TBR General Education Core Requirements.

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	CADD	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
ENTC 4600	Technology Practicum	4

Industrial Technology Core Requirements 21 Credit Hours

ENTC 1120	Manufacturing Processes & Specification	3
ENTC 2200	Machine Tool Technology	4
ENTC 2310	Electrical Principles	or
ENTC 3650	Applied Electricity and Electronics	4
ENTC 3620	Thermal and Fluid Technologies	or
ENTC 3670	Energy/Power/Transportation	4
ENTC 4357	CIM	3
ENTC 4777	Safety Management	3

Industrial Operations Requirements 39 Credit Hours

ENTC 3600	Manufacturing Technology	3
ENTC 4037	Quality Assurance I	3
ENTC 4227	Engineering Economy	3
ENTC Electives		8
ACCT 2010	Principles of Accounting	3
CSCI 1710	World Wide Web - Design and Creation ***	3
MATH 1720	Pre-Calculus	3
MATH 1840	Analytical Geometry & Differential Calculus	3
MGMT 3000	Organizational Management	3
MGMT 3310	Legal Environment of Business	3
Elective		4

Total Hours Required for Degree 120 Credit Hours

* Cooperative Education (ENTC 4989-99) may be substituted for ENTC 3600.
** Technical and general electives should be selected with the goal of developing a depth of understanding in one or two technical areas. Select courses from manufacturing, electronics, engineering design graphics, computer science, management science, construction, or surveying.
*** CSCI 2100 (4), 1310 (4), or 1800 (4) may be substituted for CSCI 1710.

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENTC 1120	Manufacturing Processes & Specification	3
ENTC 1510	Student in University	2
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1720	Pre-Calculus	3
Literature/Fine Arts*		3
Semester Total		14
Second Semester		Credit Hours
ENTC 2170	CADD	4
CHEM 1110/11	General Chemistry Lecture/Lab	4
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1840	Analytical Geometry & Differential Calculus	3
PSYC 1310	Introduction to Psychology	3
Semester Total		17

Sophomore Year

First Semester		Credit Hours
ENTC 2200	Machine Tool Technology	4
MATH 1530	Probability and Statistics- NonCalculus	3
PHYS 2010/11	General Physics Lecture/Lab I	4
SPCH 2300	Public Speaking	3
Semester Total		14
Second Semester		Credit Hours
ENTC Elective		4
ENTC 2310	Electrical Principles	4
ACCT 2010	Principles of Accounting	3
HIST 2010	The United States to 1877	3
Semester Total		14

Junior Year

First Semester		Credit Hours
ENTC 3030	Technical Communication	3
ENTC 4037	Quality Assurance I	3
CSCI 1710	World Wide Web -Design & Creation	4
Literature		3
HIST 2020	The United States Since 1877	3
Semester Total		16
Second Semester		Credit Hours
ENTC 3020	Technology and Society	3
ENTC 3620	Thermal & Fluid Technologies	4
ENTC 4060	Project Scheduling	3
ENTC 3600	Manufacturing Technology or	
ENTC 4989	Co-Op	3
ECON 2210	Principles of Economics I	3
Semester Total		16

Senior Year

First Semester		Credit Hours
ENTC 4227	Engineering Economy	3
ENTC 4357	CIM Applications	3
ENTC	Technical Elective	4
MGMT 3000	Organizational Management	3
Elective		3
Semester Total		16
Second Semester		Credit Hours
ENTC 4017	Industrial Supervision	3
ENTC 4600	Technology Practicum or	
ENTC 4999	Co-Op	4
ENTC 4777	Safety Management	3
MGMT 3310	Legal Environment of Business	3
Semester Total		13
Total		120

Manufacturing Engineering Technology Concentration

This program is accredited by the Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: (410) 347-7700.

This concentration provides students with experiences in the major elements of manufacturing. Graduates are able to apply their knowledge and understanding to manufacturing processes and supervision. The program is broken into two specialty sequences – Programming and Automation and a General Manufacturing Sequence.

**Bachelor of Science Degree (B.S.)
Engineering Technology Major (ENTC)
Manufacturing Technology Concentration (MANU)**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.
See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication:	Oral Communication*	3
MATH 1530	Probability and Statistics	3
PHYS 2010/11	General Physics Lecture/Lab I	4
PHYS 2020/21	General Physics Lecture/Lab II or	
CHEM 1110/11	General Chemistry I Lecture/Lab	4

HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
ENTC 3020	Technology and Society	3
ECON 2210	Principles of Economics, Part I	3
PSYC 1310	Introduction to Psychology	3

*See TBR General Education Core Requirements.

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	CADD	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
⁵ ENTC 4600	Technology Practicum	4

Manufacturing Core Requirements 23 Credit Hours

ENTC 1120	Manufacturing Processes and Specification	3
ENTC 2200	Machine Tool Technology	4
ENTC 2310	Electrical Principles	4
ENTC 3710	Manual CNC Programming	3
ENTC 4037	Quality Assurance I	3
ENTC 4357	CIM Applications	3
ENTC 4777	Safety Management	3

Technical Support Core Requirements 17 Credit Hours

CSCI 2100	Introduction to "C"	4
MATH 1720	Precalculus	3
³ MATH 1840	Analytical Geo. & Diff. Calculus	3
³ MATH 1850	Integral Calculus for Technology	3
PHYS 2020/21	Gen. Physics II Lecture/Lab or	
CHEM 1110/11	General Chemistry I Lecture/Lab	4

Specialty Sequence Requirements 29 Credit Hours

Electives	0-2 Credit Hours
Total Hours Required for Degree	128 Credit Hours

Specialty Sequence (Choose One)

Programming & Automation Sequence 26-27 Credit Hours

ENTC 2320	Electronics	4
ENTC 3370	Electronics—Digital Circuits	4
ENTC 4277	Instrumentation and Process Control	4
ENTC 4337	Microprocessors I	4

Choose any three or more of the following ENTC classes:

ENTC 3350	Industrial Electronics	3
ENTC 4287	Introduction to Robotics	3
⁶ ENTC/CSCI Elective	4	
⁶ ENTC/CSCI Elective	4	

or

General Manufacturing Sequence 26-29 Credit Hours

ENTC 3010	Static & Strength of Materials	3
ENTC 3240	Engr. Materials & Materials Testing or	
ENTC 3620	Thermal and Fluid Technologies	4
ENTC 4257	Plant Layout & Materials Handling	3

Choose any five or more of the following ENTC classes:

⁵ ENTC 3600	Manufacturing Technology	3
ENTC 3680	Polymers & composites	3
ENTC 4227	Engineering Economy	3
ENTC 4237	Ergonomics & Process Op	4
ENTC 4247	Operational Analysis	3
⁶ ENTC/CSCI Elective	4	
⁶ ENTC/CSCI Elective	4	

¹ For details regarding the General Education Requirements and course selection, see the appropriate undergraduate catalog.

² MATH 1840, 1850, 1910, or 1920 may satisfy the General Education Math Requirement.

³ MATH 1910 and MATH 1920 will satisfy the MATH 1840/50 sequence.

⁴ CHEM 1120/21 may be substituted for PHYS 2020/21.

⁵ Cooperative Education (ENTC 4989/4999) may be substituted for ENTC 3600.

⁶ ENTC/CSCI electives may be chosen from any of the specialty sequence offerings or any of the following: ENTC 4217, 4347, 4900, 4957, 4989/99 or CSCI 1250, 1710, 1800, or 2100.

⁷ In special cases and only with the approval of a MET program advisor, a student may develop a track of technical electives selected with the goal of developing proven technical understanding and competence in one or two manufacturing areas.

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ENTC 1510	Student in University	2
	Communication: Oral Communication	3
	Social/Behavioral Sciences	3
MATH 1720	Precalculus	3
Semester Total		14

Second Semester		Credit Hours
ENTC 2170	CADD	4
ENTC 1110	Engineering Drawing	4
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1840	Analytic Geometry & Differential Calculus	3
	Humanities/Fine Arts	3
Semester Total		17

Sophomore Year

First Semester		Credit Hours
ENTC 1120	Manufacturing Processes and Specification	3
ENTC 2200	Machine Tool Technology	4
ENTC 2310	Electrical Principles	4
PHYS 2010/11	General Physics Lecture/Lab I	4
MATH 1850	Integral Calculus for Technology	3
Semester Total		18

Second Semester		Credit Hours
ENTC 3030	Technical Communication	3
ENTC 3710	Manual CNC Programming	3
ENTC 4357	CIM Applications	3
MATH 1530	Probability and Statistics	3
PHYS 2020/21	General Physics II Lecture/Lab	4
Semester Total		16

Junior Year

First Semester		Credit Hours
Specialty Course		3
ENTC 3620	Thermal and Fluid Technologies	4
ENTC 4777	Safety Management	3
ENTC 4600	Technical Practicum	4
HIST 2010	The United States to 1877	3
Semester Total		17

Second Semester		Credit Hours
ENTC 4060	Project Scheduling	3
ENTC 4037	Quality Assurance I	3
HIST 2020	The United States Since 1877	3
Specialty courses		7
Semester Total		16

Senior Year

First Semester		Credit Hours
ENTC 3020	Technology & Society	3
CSCI 2100	Introduction to "C"	4
Specialty Courses		6
Science		3
Semester Total		16

Second Semester		Credit Hours
ENTC 4017	Industrial Supervision	3
Specialty Course		3
Humanities/Fine Arts		3
Social/Behavioral Sciences		3
Electives		2
Semester Total		14
Total		128

**Bachelor of Science Degree (B.S.)
Engineering Technology Major (ENTC)
Product Development Concentration (PDEV)**

The Product Development concentration is a multidisciplinary, manufacturing-based curriculum designed to educate and prepare students to be multifunctional, creative, and knowledgeable leaders and team members of product design teams. Graduates are able to apply their knowledge and understanding of the product development processes and new product realization.

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

¹ For details regarding specific block requirements and course selection, see the General Education Requirements section of this catalog.

² MATH 1840, 1850, 1910, or 1920 may satisfy the General Education Math requirement.

³ Cooperative Education (ENTC 4989/4999) may be substituted for ENTC 4600 and/or ENTC 3600.

⁴ MATH 1910 and MATH 1920 will satisfy the MATH 1840/50 sequence.

⁵ CHEM 1120/21 or HSCI 2010/11 may be substituted for PHYS 2020/21/

⁶ In special cases and only with the approval of a PDEV program advisor, a student may develop an individualized sequence of specialty Engineering Technology and Technical Support courses selected with the goal of developing proven technical understanding and competence in one or two product development areas.

⁷ INTD 1115 may be substituted for ENTC 2160 for students taking INTD 2110.

TBR General Education Core Requirements¹ ... 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
MATH 1530	Probability and Statistics ²	3
PHYS 2010/11	General Physics Lecture/Lab I	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
ENTC 3020	Technology and Society	3
ECON 2210	Principles of Economics, Part I	3
PSYC 1310	Introduction to Psychology	3

*See TBR General Education Core Requirements.

Technology Core Requirements 19 Credit Hours

ENTC 1510	Student in University	2
ENTC 2170	CADD	4
ENTC 3030	Technical Communication	3
ENTC 4017	Industrial Supervision	3
ENTC 4060	Project Scheduling	3
ENTC 4600	Technology Practicum ³	4

Product Development Core Requirements 20 Credit Hours

ENTC 1120	Manufacturing Processes & Specifications	3
ENTC 2200	Machine Tool Technology	4
ENTC 2310	Electrical Principles	4
ENTC 3710	Manual CNC Programming	3
ENTC 4357	CIM Applications	3
Elective (advisor approved)		3

Technical Support Courses 21 Credit Hours

DIGM 1100	Visual Thinking	4
MATH 1720	Precalculus	4
MATH 1840	Analytical Geometry & Differential Calculus ⁴	3
MATH 1850	Integral Calculus for Technology ⁴	3
PHYS 2020/21	General Physics II (non-calc.) Lec/Lab ⁵ or	
CHEM 1120/21	General Chemistry II - Lecture/Lab or	
HSCI 2010/11	Anatomy and Physiology	4
Elective (advisor approved)		3

Specialty Sequences Requirements⁶ 27 Credit Hours
Total Hours Required for Degree 128 Credit Hours

Specialty Engineering Technology Sequences

(Choose one or both)

Electronics/Communications Area 15-16 Credit Hours

ENTC 2320	Electronics I	4
ENTC 4327	Electronics Digital Circuits	4
ENTC 4277	Instrumentation and Process Control	4

Choose at least one of the following:

ENTC 3310	Circuit Analysis	3
ENTC 3340	Electrical Machinery	3
ENTC 4337	Microprocessors	4

Manufacturing and Materials Area 13-14 Credit Hours

ENTC 3240	Engineering Materials & Material Testing	4
ENTC 3600	Manufacturing Technology ³	4
ENTC 3680	Polymers and Composites	4

Choose at least one of the following:

ENTC 1600	Woodworking Technology	3
ENTC 3620	Thermal & Fluid Technologies	4
ENTC 4237	Ergonomics and Process Op	4
ENTC 4277	Instrumentation and Process Control	4
ENTC 4287	Introduction to Robotics	3

Specialty Technical Support Sequences

(Choose either both above or one below)

Digital Media/Visualization Area 14-15 Credit Hours

ARTA 1140	3-D Design	3
DIGM 1640	Vector-based Imaging or	
DIGM 1650	Raster-based Imaging	4
DIGM 3300	Product Design	4

Choose at least one of the following:

ARTA 2101	Introduction to Sculpture	3
DIGM 3010	Principles of Visualization	4
DIGM 3110	3-D Model Design	4

Construction/Architectural Area 13-15 Credit Hours

ENTC 2160	Architectural CADD ⁷	3
ENTC 2410	Construction Fundamentals	4

Choose at least two of the following:

INTD 2105	Historical Interiors I	3
INTD 1105	Interior Design Fundamentals	3
INTD 2110	Design for Human Behavior ⁷	3
ENTC 2420	Residential and Commercial Planning	4
ENTC 2440	Mechanical Systems	4
SURV 2550	Surveying Measurement Fundamentals	4
Humanities/Fine Arts		3
Social/Behavioral Sciences		3
Electives		2
Total		128

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Thinking and Expository Writing	3
ENTC 1510	Student in University	1
ENTC 2170	CADD	4
MATH 1720	Precalculus	3
CHEM 1110/11	General Chemistry - Lecture/Lab	4
Semester Total		15

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
ENTC 1120	Manufacturing Processes & Specifications	3
DIGM 1110	Visual Thinking	4
MATH 1840	Analytic Geometry & Differential Calculus	3
PHYS 2010/11	General Physics I - Non-Calculus - Lecture/Lab	4
Semester Total		17

Sophomore Year

First Semester		Credit Hours
PSYC 1310	Introduction to Psychology	3
ENTC 2200	Machine Tool Technology	4
HIST 2010	U. S. History to 1877	3
MATH 1850	Integral Calculus	3
SPCH 2300	Public Speaking	3
Semester Total		16

Second Semester		Credit Hours
ENTC 2310	Electrical Principles	4
ENTC 3030	Technical Communication	3
ENTC 3710	Manual CNC Programming	3
MATH 1530	Probability and Statistics	3
ENTC	Engineering Technology Specialty Sequence course	4
Semester Total		17

Junior Year

First Semester		Credit Hours
ENTC	Advisor Approved PDEV elective	3
ENTC	Engineering Technology Specialty Sequence course	3
	Technical Support Specialty course	3
	Technical Support Specialty course	4
PHYS 2020/21	General Physics II - Non-Calculus - Lecture/Lab	4
Semester Total		17

Second Semester		Credit Hours
ECON 2210	Principles of Economics, Part I	3
ENTC 4060	Project Scheduling	3
ENTC 4017	Industrial Supervision	3
HIST 2020	U. S. History since 1877	3
ENTC	Engineering Technology Specialty Sequence course	4
Semester Total		16

Senior Year

First Semester		Credit Hours
ENTC	Advisor Approved PDEV elective	4
ENTC 4357	CIM Applications	3
Fine Arts Elective		3
ENTC	Engineering Technology Specialty Sequence course	3
	Technical Support Specialty course	3
Semester Total		16

Second Semester		Credit Hours
ENTC 3020	Technology and Society	3
ENTC 4600	Technology Practicum	4
Literature Elective		3
	Technical Support Specialty course	4
Semester Total		14

Minimum Product Development Program

Total Credit Hours	128
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DIGITAL MEDIA

The Digital Media Program seeks to bridge the arts and sciences by providing students with technical knowledge, an understanding of aesthetics, and practical experience in digital media, with a core emphasis on learning how to develop and express ideas, solve problems, and create digital media content. This program leads students through problem, project, and process-based learning experiences that teach them how to define, design, and develop digital media content, computer graphics, and interactive media. The program endeavors to bring together students, faculty, and industry professionals to realize interdisciplinary initiatives and prepare students for the professional challenges of the 21st century in careers in 3-D visualization, animation, interactive design, web media, product design, and digital video.

Areas of concentration in Digital Media include:

Digital Animation—This concentration gives students the background necessary to animate in any media/software with strong skills in one of several specialty areas of animation, such as character animation and special effects animation. Students in the animation concentration would typically be preparing for careers in 3-D animation, 2-D animation, motion graphics, character animation, and technical direction.

Digital Interaction—This concentration gives students the background necessary to design and develop in any media/software with an emphasis on usability, interactive design, graphic design, problem-solving, production processes, animation and interactive programming. Students in the Interaction Design concentration would typically be prepared for careers in the web design and interactive multimedia entertainment, gaming, education, corporate training, and marketing.

Digital Visualization—This concentration gives students the background necessary to create 3-dimensional digital models that provide visual solutions for both the physical and virtual worlds. Students in this concentration would typically be preparing for careers in product design, architecture, interior design, entertainment, gaming, and scientific data visualization.

A final portfolio in the senior year must be submitted in order to graduate. A committee of Digital Media faculty will evaluate each student's work and progress at the review and evaluate the final portfolio. No grade below a C in Digital Media required core and DIGM courses may be applied to the B.S. degree.

Digital Media Fee—A Digital Media Enhancement Fee of \$100 per semester hour will be applied to all DIGM courses for all students.

**Bachelor of Science Degree (B.S.)
Digital Media Major (DIGM)**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study. Students must also demonstrate a working knowledge of word processing, spreadsheets, electronic communication, and online searches during their first calendar year of enrollment or prior to accumulating 33 semester credits at ETSU. This requirement may be met by passing the UIT proficiency exam or by successfully completing CSCI 1100. For more information, please visit www.etsu.edu/uit.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements* for details.

TBR General Education Core Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Oral Communication*		3
MATH 1530	Probability and Statistics	3

PHYS 2010/11	General Physics I Lecture/Lab	4
Natural Sciences*	(for science majors courses only)	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
ENTC 3020	Technology and Society	3
Social/Behavioral Sciences*		6

**See General Education Core Requirements.*

Digital Media Core Requirements 38 Credit Hours

DIGM 1100	Visual Thinking	4
ARTA 1110	2-D Design	3
ARTA 1204	Color Theory	3
ENTC 1510	Student in University*	2
MATH 1720	Pre-Calculus	3
DIGM 1640	Vector-Based Imaging	4
DIGM 1650	Raster-Based Imaging	4
DIGM 3000	Principles of Interaction	4
DIGM 3010	Principles of Visualization	4
ENTC 3030	Technical Communication	3
DIGM 4930	Portfolio Development for DIGM **	4

** Required of all entering students with less than 15 credit hours of college credit.*

*** Cannot be taken until the senior year, and must be taken within two (2) semesters of completing the requirements for graduation.*

Digital Animation Concentration

Requirements 37 Credit Hours

ARTA 1201	Drawing Fundamentals	3
ARTA 2120	Basic Figure Drawing	3
DIGM 2870	Animation Fundamentals	4
THEA 2510	Acting I	3
DIGM 2900	Motion Tools I: Editing	4
DIGM 3130	3D Animation	4
DIGM 4146/4147	Fund. of Character Animation & Lab	4

Choose one of the following:

DIGM 3110	3D Model Design	4
DIGM 3120	3D Lighting and Rendering	4

Choose one of the following:

DIGM 481648/17	3D Effects Animation & Lab	or
DIGM 4886/4887	Technical Direction for Animation & Lab	4

Choose one of the following:

DIGM 4646/4647	Advanced Animation & Lab	or
DIGM 4957	Special Topics in Digital Media: Digital Media Production	4

Digital Animation Concentration

Guided Electives 4 Credit Hours

DIGM 2821	Desktop Publishing	4
DIGM 3110	3D Model Design	4
DIGM 3120	3D Lighting & Rendering	4
DIGM 3200	Web Design	4
DIGM 3300	Product Design	4
DIGM 3400	Interaction Design	4
DIGM 4616/4817	Advanced Raster-Based Imaging & Lab	4
DIGM 4626/4627	Motion Tools II: Compositing & Lab	4
DIGM 4646/4647	Advanced Animation & Lab	4
DIGM 4816/4817	3D Effects Animation & Lab	4
DIGM 4826/4827	Motion Tools III: Application & Lab	4
DIGM 4886/4887	Technical Direction for Animation & Lab	4
DIGM 4900	Independent Study	1-6
DIGM 4957/5957	Topics in Digital Media	2-4

Guided electives are to be chosen with the guidance of the DIGM advisor according to the student's desired area of specialization.

Total Hours Required for Degree 120 Credit Hours

Digital Interaction Concentration

Requirements 27 Credit Hours

CSCI 1800	Visual Programming I	4
DIGM 2821	Desktop Publishing	4
DIGM 2900	Motion Tools I: Editing	4
ARTA 3401	Typography	3
DIGM 3200	Web Design	4
DIGM 3400	Interactive Design	4
DIGM 4400	Interactive Development	4

Digital Interaction Concentration

Guided Electives 14 Credit Hours

Select a minimum of 8 hours from:

DIGM 2870	Animation Fundamentals	4
DIGM 3130	3D Animation	4
DIGM 4146/4147	Fund. of Character Animation & Lab	4
DIGM 4616/4617	Adv. Raster-Based Imaging & Lab	4
DIGM 4626/4627	Motion Tools II: Compositing & Lab	4
DIGM 4636/4637	Advanced Interaction Design & Lab	4
DIGM 4856/4857	Advanced Web Design & Lab	4
DIGM 4826/4827	Motion Tools III: Application & Lab	4
DIGM 4900	Independent Study	1-6
DIGM 4957	Topics in Digital Media	2-4

Guided electives are to be chosen with the guidance of the DIGM advisor according to the student's desired area of specialization.

Total Hours Required for Degree 120 Credit Hours

Digital Visualization Concentration

Requirements 11 Credit Hours

ARTA 1201	Drawing Fundamentals	3
ENTC 2170	CADD (Computer Aided Design Drafting)	4
DIGM 3110	3-D Model Design	4

Digital Visualization Concentration

Guided Electives 30 Credit Hours

Select a minimum of 16 hours from:

DIGM 2821	Desktop Publishing	4
DIGM 2870	Animation Fundamentals	4
DIGM 2900	Motion Tools I: Editing	4
DIGM 3120	3-D Lighting & Rendering	4
DIGM 3130	3-D Animation	4
DIGM 3200	Web Design	4
DIGM 3300	Product Design	4
DIGM 3400	Interaction Design	4
DIGM 4146/4147	Fund. of Character Animation & Lab	4
DIGM 4400	Interactive Development	4
DIGM 4616/4617	Advanced Raster-Based Imaging & Lab	4
DIGM 4626/4627	Motion Tools II: Compositing & Lab	4
DIGM 4636/4637	Advanced Interaction Design & Lab	4
DIGM 4646/4647	Advanced Animation & Lab	4
DIGM 4666/4667	Advanced Product Design & Lab	4
DIGM 4816/4817	3-D Effects Animation & Lab	4
DIGM 4876/4877	Advanced Modeling & Lighting & Lab	4
DIGM 4886/4887	Technical Direction for Animation & Lab	4
DIGM 4900	Independent Study	2-6
DIGM 4957	Topics in Digital Media	2-6

Guided electives are to be chosen with the guidance of the DIGM advisor according to the student's desired area of specialization.

Total Hours Required for Degree 120 Credit Hours

**Digital Animation Concentration
Suggested Course Sequence**

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ENTC 1510	Student in University	2
ARTA 1110	2-D Design	3
DIGM 1100	Visual Thinking	4
HIST 2010	The United States to 1877	3
Semester Total		15

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1720	Pre-Calculus	3
ARTA 1204	Color Theory	3
DIGM 1640	Vector-Based Imaging	4
DIGM 1650	Raster-Based Imaging	4
Semester Total		17

Sophomore Year

First Semester		Credit Hours
DIGM 3010	Principles of Visualization	4
HIST 2020	The United States Since 1877	3
PHYS 2010/11	General Physics I Lecture/Lab	4
ARTA 1201	Drawing Fundamentals	3
Semester Total		14

Second Semester		Credit Hours
DIGM 3000	Principles of Interaction	4
DIGM 2870	Animation Fundamentals	4
ENTC 3020	Technology & Society	3
Literature or Fine Arts	.....	3
Semester Total		14

Junior Year

First Semester		Credit Hours
MATH 1530	Probability and Statistics	3
ARTA 2120	Basic Figure Drawing	3
DIGM 3130	3D Animation	4
DIGM 3110	3D Model Design or	4
DIGM 3120	3D Lighting and Rendering	4
Semester Total		14

Second Semester		Credit Hours
THEA 2510	Acting I	3
DIGM 4146/4147	Fundamentals of Character Animation and Lab	4
Natural Sciences (for science majors courses only)		4
Social/Behavioral Sciences		3
Oral Communication		3
Semester Total		17

Senior Year

First Semester		Credit Hours
ENTC 3030	Technical Communication	3
Social/Behavioral Sciences		3
DIGM 2900	Motion Tools I	4
DIGM 4816/4817	3D Effects Animation and Lab or	4
DIGM 4886/4887	Technical Direction for Animation and Lab	4
Semester Total		14

Second Semester		Credit Hours
DIGM 4930	Portfolio Development for Digital Media	4
Literature or Fine Arts		3
Guided Elective		4
DIGM 4646/4647	Advanced Animation and Lab or	4
DIGM 4957	Topics: Digital Media Production	4
Guided Elective		4
Semester Total		15
Total		120

**Digital Interaction Concentration
Suggested Course Sequence**

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ENTC 1510	Student in University	2
ARTA 1110	2-D Design	3
DIGM 1100	Visual Thinking	4
HIST 2010	The United States to 1877	3
Semester Total		15

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1720	Pre-Calculus	3
ARTA 1204	Color Theory	3
DIGM 1640	Vector-Based Imaging	4
DIGM 1650	Raster-Based Imaging	4
Semester Total		17

Sophomore Year

First Semester		Credit Hours
DIGM 3000	Principles of Interaction	4
ARTA 3401	Typography	3
HIST 2020	The United States Since 1877	3
PHYS 2010/11	General Physics I Lecture/Lab	4
Semester Total		14

Second Semester		Credit Hours
DIGM 3010	Principles of Visualization	4
ENTC 3020	Technology and Society	3
DIGM 2821	Desktop Publishing	4
Literature or Fine Arts		3
Semester Total		14

Junior Year

First Semester		Credit Hours
MATH 1530	Probability and Statistics	3
DIGM 3200	Web Design	4
CSCI 1800	Visual Programming	4
Oral Communication		3
Literature or Fine Arts		3
Semester Total		17

Second Semester		Credit Hours
DIGM 2900	Motion Tools I	4
DIGM 3400	Interaction Design	4
Natural Sciences (for science majors courses only)		4
Social/Behavioral Sciences		3
Semester Total		15

Senior Year

First Semester		Credit Hours
DIGM 4400	Interactive Development	4
ENTC 3030	Technical Communication	3
Social/Behavioral Sciences		3
Guided Elective		4
Semester Total		14

Second Semester		Credit Hours
DIGM 4930	Portfolio Development for Digital Media	4
Guided Electives		10
Semester Total		14
Total		120

**Digital Visualization Concentration
Suggested Course Sequence**

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ENTC 1510	Student in University	2
ARTA 1110	2-D Design	3
DIGM 1100	Visual Thinking	4
HIST 2010	The United States to 1877	3
Semester Total		15

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1720	Pre-Calculus	3
ARTA 1204	Color Theory	3
DIGM 1640	Vector-Based Imaging	4
Literature/Fine Arts	.....	3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
DIGM 1650	Raster-Based Imaging	4
HIST 2020	The United States Since 1877	3
PHYS 2010/11	General Physics I Lecture/Lab	4
Concentration Course	.....	4
Semester Total		15

Second Semester		Credit Hours
DIGM 3000	Principles of Interaction	4
DIGM 3010	Principles of Visualization	4
ENTC 3020	Technology & Society	3
Literature/Fine Arts	.....	3
Semester Total		14

Junior Year

First Semester		Credit Hours
MATH 1530	Probability and Statistics	3
Oral Communication	.....	3
ENTC 3030	Technical Communication	3
ARTA 1201	Drawing Fundamentals	3
DIGM 3110	3D Model Design	4
Semester Total		16

Second Semester		Credit Hours
Natural Sciences (for science majors courses only)	.....	4
Social/Behavioral Sciences	.....	3
Guided Electives	.....	8
Semester Total		15

Senior Year

First Semester		Credit Hours
Social/Behavioral Sciences	.....	3
Guided Electives	.....	12
Semester Total		15

Second Semester		Credit Hours
DIGM 4930	Portfolio Development for Digital Media	4
Guided Electives	.....	10
Semester Total		14
Total		120

Digital Media Minor

A minor in Digital Media is available to students from all majors who wish to acquire technical knowledge and skills in Digital Media. Students must meet the prerequisites listed in the catalog for a particular course they wish to take or obtain permission from the instructor. Students are encouraged to choose guided electives that provide an emphasis in a particular area of specialization in Digital Media.

Minor Requirements 24 Credit Hours

DIGM 1100	Visual Thinking	4
DIGM 1640	Vector-Based Imaging	4
DIGM 1650	Raster-Based Imaging	4

Choose one of the following:

DIGM 3000	Principles of Interaction	or	
DIGM 3010	Principles of Visualization	4	
Guided Electives	.....	8	

Eight hours in guided elective courses must be chosen in consultation with the DIGM academic advisor. No more than 8 hours of credit can be applied to both the student's major degree and the minor. (Some majors require or allow students to take Digital Media courses to meet requirements within their major program.)

Only courses for which a grade of C or higher is earned will be accepted as part of the minor program.

Choices include (but may not be limited to):

DIGM 2821	Desktop Publishing	4
DIGM 2870	Animation Fundamentals	4

DIGM 2900	Motion Tools I: Editing	4
DIGM 3110	3D Model Design	4
DIGM 3120	3D Lighting and Rendering	4
DIGM 3130	3D Animation	4
DIGM 3200	Web Design	4
DIGM 3300	Product Design	4
DIGM 3400	Interactive Design	4
DIGM 4146/4147	Fund. of Character Animation & Lab	4
DIGM 4400	Interactive Development	4
DIGM 4616/4617	Advanced Raster-Based Imaging & Lab	4
DIGM 4626/4627	Motion Tools II: Compositing & Lab	4
DIGM 4816/4817	3D Effects Animation & Lab	4
DIGM 4826/4827	Motion Tools III: Application & Lab	4
DIGM 4886/4887	Technical Direction & Lab	4

**Bachelor of Science Degree (B.S.)
Interior Design (INTD)**

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See ETSU Academic Proficiency Requirements for details.

Note: See CSCI 1100 requirement on page 46.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2300 or 2320	.....	3
MATH 1530	.....	3
Natural Sciences*	.....	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Fine Arts* (ARTH 2010 or 2020 recommended)	.....	3
Literature*	.....	3
Humanities*	.....	3
SRVL 1020	Introduction to Service-Learning	3
Social/Behavioral Sciences*	.....	3

* See TBR General Education Core Requirements

Interior Design Requirements 79 Credit Hours

ARTA 1110	Basic Design (Studio)	3
ARTA 1204	Color Theory	3
DIGM 1100	Visual Thinking	4
ENTC 2410	Construction Fundamentals	4
ENTC 4060	Project Scheduling	3
INTD 1105	Interior Design Fundamentals	3
INTD 1115	Architectural Drafting: Studio I	4
INTD 1205	Sustainable Design	3
INTD 1215	Visual Communication: Studio II	4
INTD 2105	Historical Interiors I	3
INTD 2110	Design for Human Behavior	3
INTD 2115	Interior Design Presentation: Studio III	4
INTD 2205	Historical Interiors II	3
INTD 2210	Materials and Finishes	3
INTD 2215	Residential Design: Studio IV	4
INTD 3105	Building Systems	3
INTD 3115	AutoCAD for Interior Design: Studio V	4
INTD 3205	Lighting	3
INTD 3215	Commercial Design: Studio VI	4
INTD 4105	Professional Practices in Interior Design	3
INTD 4115	Mixed-use Design: Studio VII	4
INTD 4205	Interior Design Internship	3
INTD 4215	Senior Design Studio: Studio VIII	4

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
ARTA 1110	2-D Design	3
DIGM 1100	Visual Thinking	4
INTD 1105	Interior Design Fundamentals	3
INTD 1115	Arch. Drafting: Studio I	4
Semester Total		17

Second Semester		Credit Hours
ENGL 1020	Critical Thinking/Argumentation	3
ARTA 1204	Color Theory	3
INTD 1205	Sustainable Design	3
INTD 1215	Visual Communication: Studio II	4
Semester Total		13

Sophomore Year

First Semester		Credit Hours
ENTC 2410	Construction Fundamentals	4
INTD 2105	Historical Interiors I	3
INTD 2110	Design for Human Behavior	3
INTD 2115	Visual Design Presentation: Studio III	4
Semester Total		14

Second Semester		Credit Hours
Communication: Oral Communication*		3
SRVL 1020	Introduction to Service-Learning	3
INTD 2205	Historical Interiors II	3
INTD 2210	Interior Materials and Finishes	3
INTD 2215	Residential Design: Studio IV	4
Semester Total		16

Junior Year

First Semester		Credit Hours
HIST 2010	The United States to 1877	3
Mathematics*		3-4
ARTH 2010 or 2020	Art History Survey I or II	3
INTD 3105	Interior Building Systems and Components	3
INTD 3115	AutoCAD for ID: Studio V	4
Semester Total		16-17

Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
Social and Behavioral Sciences*		3
ENTC 4060	Project Scheduling	3
INTD 3205	Lighting	3
INTD 3215	Commercial Design: Studio VI	4
Semester Total		16

Senior Year

First Semester		Credit Hours
Natural Sciences*		4
Humanities*		3
INTD 4105	Professional Practices in ID	3
INTD 4115	Mixed-Use Design: Studio VII	4
Semester Total		14

Second Semester		Credit Hours
Natural Sciences		4
Literature		3
INTD 4205	Interior Design Internship	3
INTD 4215	Senior Design: Studio VIII	4
Semester Total		14
Total		120-121

BACHELOR OF SCIENCE IN SURVEYING AND MAPPING

The Surveying and Mapping curriculum has a core curriculum and guided electives in three sequences: cadastral/design, geospatial, and surveying business.

This program is accredited by the Applied Science Accreditation Commission (ASAC) of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone: (410) 347-7700; www.abet.org.

It is designed to meet the following goals and objectives. Within two to four years, graduates of the program:

1. will successfully complete FLS (Fundamentals of Land Surveying) portion of the professional license exam;
2. will have received progressive experience or increased professional opportunities;
3. will obtain a position of management in a firm that conducts professional surveys;
4. will become active and strive for a leadership role in the state and national organizations that represent the profession;

Students at graduation will have:

- a. an ability to apply knowledge of mathematics, science, and applied sciences;
- b. an ability to design experiments and conduct experiments as well as analyze data and interpret data;
- c. an ability to formulate or design a system, process, or program to meet desired needs;
- d. an ability to function on multi-disciplinary teams;
- e. an ability to identify and solve applied science problems;

- f. an understanding of professional and ethical responsibility;
- g. an ability to communicate effectively;
- h. the broad education necessary to understand the impact of solutions in a global and societal context;
- i. a recognition of the need for and an ability to engage in life-long learning;
- j. a knowledge of contemporary issues;
- k. an ability to use the techniques, skills, modern scientific and technical tools necessary for professional practice; and also be able to:
 - 1) function as effective individuals and obtain professional goals, outcomes, and opportunities;
 - 2) quickly adapt to the work environment.

Students in Surveying and Mapping Science pursue coursework leading to professional land surveying practice. Core courses include plane, geodetic, and boundary surveying. By taking a core of 64 semester hours in surveying-related courses, students are well-prepared for future licensing and professional-level positions with surveying and engineering firms, government service, utility companies, and related industries.

**Bachelor of Science Degree (B.S.)
Surveying and Mapping Science Major (SURM)**

ETSU Academic Proficiency Requirements:

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
MATH 1910	Calculus I	4
PHYS 2010/11	General Physics Lecture/Lab I**	4
PHYS 2020/21	General Physics Lecture/Lab II**	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
ENTC 3020	Technology and Society	3
ECON 2210	Principles of Economics	3
PSYC 1310	Introduction to Psychology	3

* See TBR General Education Core Requirements.

** PHYS 2110 and 2120 may be substituted.

Survey Core Requirements 64 Credit Hours

SURV 2550	Surveying Measurement Fundamentals	4
SURV 2560	Surveying Graphics	4
SURV 3510	Engineering and Construction Surveys	4
SURV 3520	Land Survey Systems	2
SURV 3530	Surveying Measurements & Comp Analysis	4
² ENTC 3989	Co-op	1
SURV 3550	Advanced Surveying Mathematics	3
SURV 3560	Geodetic Science	4
SURV 4500	Senior Project	2
SURV 4520	Survey Science Topics	3
SURV 4537	Land Boundary Location	4
SURV 4547	Land Subdivision and Platting	4
SURV 4550	Automated Surveying and Mapping	3
FNCE 3130	Real Estate Law	3
GEOG 3210	Cartography	3
ENTC 1510	Student in University	2
ENTC 3030	Technical Communications	3
GEOG 1040	Physical Geology	4
MATH 1920	Calculus II	4
MATH 2010	Linear Algebra	3

² A minimum of one hour for Co-op should be taken; more hours are allowed; SURV 3540 can also be substituted.

Surveying Sequence Requirements 22 Credit Hours

Students should select a group of courses from one of the following sequences:

Sequence #1: CADASTRAL / DESIGN SEQUENCE

SURV 3630	Surveying Hydrology I	4
GEOG 4217	Introduction to GIS	3
SURV 4630	Surveying Hydrology II	4
³ GEOG 4587	Engineering Geology	4
⁴ SURV 4617	Digital Image Process	3
SURV 4567	Positioning with GPS	3
ENTC 3989	Co-op	1
Total		22

³GEOG 4617, GEOG 4317, ENTC 4417 or ENTC 4227 can be substituted.
⁴SURV 4517 can be substituted.

Sequence #2: GEOSPATIAL SEQUENCE

SURV 4517	Photogrammetry	4
GEOG 4217	Introduction to GIS	3
CSCI 2100	Introduction to C++ *	3
SURV 4617	Digital Image Process	3
GEOG 4227	Remote Sensing	3
GEOG 4237	Advanced Remote Sensing	3
GEOG 4317	Advanced GIS	3
Total		22

* CIS 113 RODP can be substituted.

Sequence #3: SURVEYING BUSINESS SEQUENCE

ACCT 2010	Principles of Accounting	3
FNCE 3220	Business Finance	3
MGMT 3000	Organizational Behavior and Management	3
¹ MGMT 4420	Law of Business Organizations	3
MGMT 3310	Legal Environment of Business	3
MKTG 3200	Principles of Marketing	3
MGMT 4510	Human Resources Management	3
ENTC 3989	Co-op	1
Total		22

¹MGMT 4600 can be substituted.

Total Hours Required for Degree ... 128 Credit Hours

Transfer Students - Transfer students must meet all ETSU requirements for the minimum number of hours from ETSU and from a senior institution. Articulation agreements with several two-year institutions are available for smooth transfer to ETSU.

Students are encouraged to contact the program coordinator to discuss their individual needs.

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1910	Calculus I	4
SURV 2560	Survey Graphics	4
PSYC 1310	Introduction to Psychology	3
ENTC 1510	Student in University	2
Semester Total		16

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
MATH 1920	Calculus II	4
SURV 2550	Survey Measurement Fundamentals	4
	Communication: Oral Communication*	3
GEOG 1040	Physical Geology	4
Semester Total		18

Sophomore Year

First Semester		Credit Hours
SURV 3510	Engineering & Construction Surveys	4
SURV 3520	Land Survey Systems	2
	Literature	3
PHYS 2010/11*	General Physics I Lecture/Lab	4
HIST 2010	The United States to 1877	3
Semester Total		16

Second Semester		Credit Hours
SURV 3530	Survey, Measurement & Comp. Analysis	4
MATH 2010	Linear Algebra	3
PHYS 2020/21	General Physics II Lecture/Lab	4
HIST 2020	The United States Since 1877	3
	Fine Arts	3
Semester Total		17

Junior Year

First Semester		Credit Hours
SURV 3550	Advanced Survey Math	3
SURV 3560	Geodetic Science	4
ECON 2210	Principles of Economics	3
ENTC 3030	Technical Communications	3
	Technical Elective	3-4
Semester Total		16-17

Second Semester		Credit Hours
FNCE 3130	Real Estate Law	3
ENTC 3020	Technology and Society	3
GEOG 3210	Cartography	3
	Technical Electives**	7-9
Semester Total		16-18

Summer Semester		Credit Hours
ENTC 3989	Co-op Education or	
SURV 3540	Surveying Projects	1-3
Semester Total		1-3

Senior Year

First Semester		Credit Hours
SURV 4520	Survey Science Topics	3
SURV 4537	Land Boundary Location	4
	Technical Elective*	6-7
Semester Total		13-14

Second Semester		Credit Hours
SURV 4547	Land Subdivision & Platting	4
SURV 4550	Automated Surveying & Mapping	3
SURV 4500	Senior Surveying Projects	2
	Technical Elective**	3-4
Semester Total		12-13
Total		128

* PHYS 2110 and PHYS 2120 will also satisfy the Physics requirement.
 ** Select from one of the three previously indicated sequences.

Department of Military Science

Box 70648

Phone: (423) 439-4269

The military science program is a cooperative enterprise between ETSU and the United States Army. The program is designed to develop the students' managerial and leadership abilities, introduce students to the mission and organization of the United States Army and prepare advanced-course students for service as commissioned officers in the Active Army, Army Reserve or Army National Guard.

Major

An academic major in military science is not offered at ETSU. However, completion of the program qualifies the student for a commission as a second lieutenant.

Minor

Students may select Military Science as a minor in one of two ways. The **first option** (*non-commissioning*) consists of 18 semester hours of study: Military Science III (MSCI 3110 and MSCI 3120); Military Science IV (MSCI 4110 and MSCI 4120); Military History (MSCI 4582) OR War in the Modern World (HIST 3940); and World War II in Europe (HIST 4927) OR World War II in the Pacific (HIST 4937).

The **second option** (*commissioning*) consists of 25 semester hours of study: Military Science III (MSCI 3110 and MSCI 3120); Military Science IV (MSCI 4110 and MSCI 4120); Military History (MSCI 4582) OR War in the Modern World (HIST 3940); Leadership Development and Assessment (MSCI 4580); and Physical Fitness Instructor (MSCI 3217) for 4 hours.

Course Credit

Students interested in participating in the advanced phase may receive basic phase credit for having prior active or reserve component military service, three years of junior ROTC at the high school level, or for completion of ROTC Leaders Training Course (LTC).

ROTC SCHOLARSHIPS

Army ROTC scholarships pay annual tuition costs and a textbook allowance. Scholarship cadets also receive a tax-free subsistence allowance of \$200 a month for up to 10 months each school year in which the scholarship is in effect. In addition, the university provides 80 housing scholarships for Army ROTC scholarship recipients. High school students interested in the four-year scholarship program should contact:

Army ROTC
 East Tennessee State University
 Box 70648
 Johnson City, TN 37614
 (423) 439-5291 or 5288

College students interested in a two- or three-year scholarship should also contact the Department of Military Science.

ROTC Basic Course

Any student may enroll without obligation in the Department of Military Science's Basic Course Classes. Those classes listed as 1000- and 2100-series classes are considered part of the Basic Course of military science. Students desiring to enter the Advanced Course of the ROTC program through the four-year program must complete all four Basic Course Classes. In certain cases, the professor of Military Science may waive one of these class requirements.

The basic phase is designed to introduce the United States Army as an institution, the military as a profession, and to impart to all students basic leadership skills which can be used in a civilian environment as well as in the military. The basic phase includes both formal classroom instruction and field practice periods. Subject matter deals with the organization and history of the United States Army, the dynamics of leadership and management, military skills, and mountaineering.

ROTC Leaders Training Course (LTC)

This is a four-week, paid summer course at Ft. Knox, Kentucky, designed for students who have two academic years remaining and who have not participated in the basic course program or received equivalency credit. LTC attendees receive pay and travel allowances. Training is practical in nature and consists of exercises in which the cadet is an active participant. There are no military or other obligations for basic camp attendance. Students may earn up to six credit hours and a two-year Army ROTC Scholarship.

ROTC Advanced Course

Advanced military science cadets continue their studies in leadership and tactics with the scope of instruction expanded to include subjects such as military law, battle simulations, group dynamics, organizational management, and decision making. Advanced course contract students receive from \$350 to \$400 per month up to a maximum of 20 months (equivalent to two academic years) and an appointment upon graduation as a Second Lieutenant. Contracted students incur a military obligation to the Active Army, the Reserve, or the National Guard. This obligation can consist of as little as three months active duty, with the remainder spent on Reserve, or National Guard status. Students who prefer Reserve or National Guard duty may be guaranteed that they will not be assigned to active duty except for the short period needed to complete a branch basic officer course (three- to six-months depending on the branch selected). Students interested in enrolling as a contract cadet must contact the Department of Military Science for specific program requirements, guarantees, benefits, and military information.

Leader Development and Assessment Course

Advanced course (LDAC) cadets are required to attend the five-week Leader Development and Assessment course at Ft. Lewis, Washington, upon completion of the junior year of military science. LDAC attendance is a prerequisite to commissioning but may be delayed until completion of the senior year with the approval of the United States Army and the professor of Military Science at ETSU.

Course Sequence Requirements

To receive a commission in the United States Army through the military science program, a student must successfully complete 17 credit hours of courses at the basic level (1100 or 2100 courses), 19 hours at the advanced level (3100 or 4100 courses) and ROTC Advanced Camp (six semester credit hours). Equivalency credit may be given for the basic level courses for those cadets who are (1) veterans, (2) graduates of junior ROTC programs, or (3) graduates of the ROTC Leaders Training Course.

One of the following two sequences will be utilized to obtain a commission as a Second Lieutenant.

FOUR-YEAR PROGRAM COURSE SEQUENCE

MSCI	1217	Physical Fitness (Basic)
MSCI	1210	Leadership/Personal Development
MSCI	1180	Leadership/Personal Development (Lab)
MSCI	1220	Introduction to Tactical Leadership
MSCI	1181	Tactical Leadership (Lab)
MSCI	2110	Innovative Team Leadership
MSCI	2150	Military Skills I
MSCI	1182	Practicum III
MSCI	3217	Physical Fitness (Instructor)
MSCI	3110	Adaptive Tactical Leadership
MSCI	3120	Leadership in a Changing Environment
MSCI	4110	Developing Adaptive Leaders
MSCI	4581	Developing Adaptive Leaders (Lab)
MSCI	4120	Leadership in a Complex World
MSCI	4582	Military History
MSCI	4580	Leadership Development and Assessment

TWO-YEAR PROGRAM COURSE SEQUENCE

MSCI	2580	Leadership Training Course or equivalent
MSCI	3217	Physical Fitness (Instructor)
MSCI	3110	Adaptive Tactical Leadership
MSCI	3120	Leadership in a Changing Environment
MSCI	4110	Developing Adaptive Leaders
MSCI	4120	Leadership in a Complex World
MSCI	4582	Military History
MSCI	4580	Leadership Development and Assessment

The Chair of the Department of Military Science may make exceptions to this policy under unusual circumstances.

College of Clinical and Rehabilitative Health Sciences

Box 70282

Phone: (423) 439-7457

Mission Statement

The mission of the College of Clinical and Rehabilitative Health Sciences is to foster innovative collaborations that support student learning, scholarship, service, and that meet the clinical and rehabilitative health needs of our patients, clients, and communities.

Goals

1. Provide innovative curricula supported by service and research to educate clinical and rehabilitative practitioners.
2. Create an academic and clinical culture that encourages service to diverse and underserved populations and addresses the clinical and rehabilitative health needs across the lifespan and health care spectrum.
3. Provide specialized preventive, assessment, and rehabilitative health services through clinical education and community outreach programs.
4. Provide opportunities for service-learning and professional growth to students, practitioners, and faculty.
5. Promote scholarship and mentoring that supports the principles of evidence-based practice and life-long learning.

Vision

Our vision is to be an essential source of leaders, educators, expert practitioners, and cutting-edge information in the clinical and rehabilitative health sciences.

Departments and Programs

College of Clinical and Rehabilitative Health Sciences

Departments located on Johnson City campus:

- Allied Health Sciences (Dental Hygiene)
- Audiology and Speech-Language Pathology

Department located on VA Campus, Building 2:

- Physical Therapy

Department located on Elizabethton campus:

- Allied Health Sciences
- Allied Health Leadership
- Cardiopulmonary Science (Respiratory Care)
- Radiography

Clinics located at the Main Campus, VA Campus, Main Hospital, Outpatient Clinic, Nave (Elizabethton), and Boones Creek Wellness Center.

- Dental Hygiene Clinic
- Speech and Hearing Clinic

**Degrees and Majors Offered by the Departments
College of Clinical and Rehabilitative Health Sciences**

Department	Major	Concentrations	Degrees
Allied Health Sciences	ALSC	AHLD	B.S.
		CPSC	
		RADG	
		NTFD	
		DHYG	
Audiology and Speech-Language Pathology	AUDI		B.S.
			M.S.A.H., M.S.
Speech Pathology			Au.D.
Physical Therapy	PHYT		M.S.
			D.P.T.

Admission Requirements

Admission to most programs in the College of Clinical and Rehabilitative Health Sciences is selective. Students seeking admission to Allied Health Science programs must first apply and be admitted to ETSU. However, this admittance to the university does not assure acceptance into these programs. Refer to admission requirements in the ETSU Undergraduate Catalog and appropriate departmental literature regarding separate admission/progression policies.

Criminal Background Investigation

In Tennessee and nationally, due to legislative and accreditation requirements, many schools, childcare, and health care facilities require that students in health-related professions be required to submit to a Criminal Background Investigation (CBI) before participating in any educational/patient care activities at their sites. These educational/clinical activities are an essential requirement for graduation or subsequent licensure and the inability to complete this requirement may result in a student's failure to meet the graduation requirements of certain ETSU College of Clinical and Rehabilitative Health Sciences programs. Students must be aware that they will be required to do the following:

1. Truthfully answer all questions, including those pertaining to felony convictions, on the student undergraduate or graduate application. Students who do not answer the questions truthfully and completely shall not be eligible for acceptance or enrollment. Discovery that the section dealing with felony convictions was not completely or truthfully answered by an enrolled student may result in dismissal.
2. Complete a CBI prior to participating in internship, field placement, or cooperative experiences at an affiliated institution that requires a CBI, as determined by the academic department.
3. Notify the program chair of any criminal charges within five (5) working days of their occurrence during enrollment in the program. Failure to notify the chair of such events may result in immediate dismissal.
4. Check departmental guidelines for procedures for obtaining the CBI.

College Special Services

Speech-Language-Hearing Clinic

The Department of Audiology and Speech-Language Pathology provides clinical services to individuals having speech, language, or hearing problems. Evaluation and treatment procedures are performed by qualified students under the supervision of certified faculty for a nominal fee. All persons are eligible for the services. Appointments may be scheduled by contacting the Department of Audiology and Speech-Language Pathology at (423) 439-4355.

Dental Hygiene Clinic

The Dental Hygiene program offers clinical services including dental inspection, dental prophylaxis (scaling and polishing the teeth), preventive treatments (application of fluorides and dental sealants), preventive periodontal treatment, and diagnostic dental X-rays. All treatment is provided by qualified dental hygiene students under the supervision of a licensed dentist and dental hygiene faculty for a nominal fee. All persons are eligible for the services. Appointments may be scheduled by contacting Dental Hygiene at (423) 439-4514.

Graduate Study Offered

- The Department of Audiology and Speech-Language Pathology offers study for the Master of Science degree with a concentration in speech-language pathology. A clinical Doctorate in Audiology (Au.D.) is also available.
- The Department of Allied Health Sciences offers a study for the Master of Science degree in Allied Health and a Master of Science in Clinical Nutrition.
- The Department of Physical Therapy offers a post-baccalaureate entry-level Doctor of Physical Therapy degree (D.P.T.) program. Information on the graduate program in physical therapy is available in the ETSU Graduate Catalog and on the department web site: www.etsu.edu/crhs/physther/index/htm.

Advisement

The College of Clinical and Rehabilitative Health Sciences offers advisement for students pursuing entrance into the selective admission programs within the college. For more information, students should contact Mr. Matt Johnson (johnsonm@etsu.edu) (423) 439-7468 in the Office of Advisement.

Students interested in a career in Dental Hygiene programs should direct inquiries to Dr. Charles Faust (faust@etsu.edu) (423) 439-4497, ETSU Box 70690, Johnson City, TN 37614.

Students considering professional careers in dentistry and occupational therapy should contact Mr. Matt Johnson (johnsonm@etsu.edu) (423) 439-7468 in the Office of Advisement.

**Department of Allied Health Sciences
(ALSC)**

Box 70573 (AHL, CPSC, & RADG) Phone: (423) 547-4900

Box 70690 (DHYG) (NTFD) Phone: (423) 439-4497

The Department of Allied Health Sciences is a multidisciplinary department offering courses of study leading to Bachelor of Science degrees in Allied Health and Dental Hygiene. Five concentrations are available: Allied Health Leadership, Cardiopulmonary Science, Dental Hygiene, Radiography, and Nutrition and Foods Concentration.

All programs offered in the department call for a high degree of individual motivation, good physical health, and manual dexterity. Instruction is individualized and performance standards are exacting.

One class per year is admitted for Cardiopulmonary Science, Dental Hygiene, and Radiography. Students are required to attend designated consecutive semesters to complete the programs. Allied Health Leadership and Nutrition concentrations have open enrollment throughout the academic year.

The number of students admitted to each of the Allied Health career programs is limited. Admission is based on: successful completion of admission requirements; interview with an admissions committee; and space availability. The number of applicants admitted to each program is determined by several factors, including the number of available seats for clinical experiences, the predicted number of positions available in the health care industry for graduates, and enrollment limitations imposed by accreditation agencies. The limitation in class size and increasing popularity of the programs have created a highly competitive situation for applicants. Applicants will be notified in writing of the actions taken by the respective admission committees.

Students must apply and be admitted to East Tennessee State University. Students must also submit an application to the Allied Health concentration in which they are seeking admission.

**Allied Health Major
Bachelor of Science Degree (B.S.)**

The Bachelor of Science degree in Allied Health (B.S.) prepares students to qualify as contributing members of the Allied Health team dedicated to the conservation of life and the maintenance of health. The B.S. degree offers concentrations in Allied Health Leadership, Cardiopulmonary Science, Nutrition, and Radiography. The program correlated classroom and clinical instruction enabling the student to be competent in a specific concentration area. This approach will enable graduates to competently perform tasks as identified in the respective scopes of practice as autonomous health care providers. Students admitted to the program must have a strong and diverse academic background that will facilitate individual judgment, critical thinking skills, and utilization of appropriate professional decision-making skills. Students must also possess psychomotor, cognitive, and affective skills demonstrating competence, flexibility, responsibility, and sensitivity to client populations.

The Allied Health Leadership concentration offers students that have previously graduated from an Associate of Applied Science (A.A.S.) health-related program the opportunity to obtain a baccalaureate degree by using more of the A.A.S. credit hours than normally transfer to a four-year institution. The B.S. completion program is designed for health care providers in a medical field such as medical assisting, medical laboratory technology, cardiovascular technology, physical therapy assistant, and occupational therapy assistant. Students must complete 41 credit hours of general

education requirements, 28 credit hours of allied health core courses, and 24 credit hours in the Allied Health Leadership concentration.

Cardiopulmonary Science and Radiography concentrations are designed for students who have completed one or two years of pre-professional college work (a minimum of 40 credit hours) that includes the prerequisite courses required by the major. The Allied Health core consists of 28 credit hours and the professional phase (composed of the concentration and clinical practice components) of the curriculum consists of 51 credit hours for both concentrations. The baccalaureate degree in Allied Health requires 120 credit hours.

Admission Requirements for B.S.

Admission to the cardiopulmonary and radiography professional curriculum is a competitive process and is entirely separate from the student's admission to ETSU. A limited number of students are admitted annually to each concentration by an admissions committee. Each applicant is evaluated on the basis of academic record, personal interview, and clinical observation. Evidence of university admission, updated high school and/or college transcripts, and department application forms must be returned to the departmental office by **March 1** for the applicant to be considered by the admissions committee.

To gain admittance to a concentration area, the student must complete all admission, health, and academic requirements. Due to the large number of applicants, limited enrollment, and accreditation standards, all candidates are evaluated through a number of different instruments.

To be considered for admission to the Bachelor of Science in Allied Health, Cardiopulmonary Science, and Radiography concentrations, applicants must meet the requirements for admission to ETSU. Prior to being admitted to the professional core, applicants must complete the following requirements:

1. Maintain a college GPA of 2.50 or better on a 4.0 scale;
2. Complete prerequisite general education and other allied health core courses as required by the concentration obtaining a grade of C or better in each course within the first two attempts by the time of admission to the professional core;
3. Complete an additional minimum of 16 credit hours from the general educational core (not including prerequisite courses) maintaining a college GPA of 2.50 or better on a 4.0 scale;
4. Meet specific health and/or essential functions.

Students seeking admission to the Allied Health Leadership concentration must meet the following requirements:

1. College GPA of 2.50 or better on a 4.0 scale on all transferable credit;
2. Transcript(s) to include proof of graduation from an accredited allied health professional program;
3. Eligibility for professional licensure in discipline.

Prerequisite General Education and Allied Health: These prerequisite courses **MUST** be completed prior to enrolling in the Cardiopulmonary Science and Radiography concentration courses.

Note: These prerequisite courses are included in the General Education and Allied Health core.

HSCI 2010	Anatomy/Physiology I	.....	3
HSCI 2011	Anatomy/Physiology Lab I	.....	1
HSCI 2020	Anatomy/Physiology II	.....	3
HSCI 2021	Anatomy/Physiology Lab II	.....	1
HSCI 2230	Intro to Microbiology	.....	3
HSCI 2231	Intro to Microbiology Lab	.....	1
ALHE 2010	Intro to Allied Health	.....	2
ALHE 2020	Patient Care & Assessment	.....	3
MATH 1530	Probability & Statistics - Non-Calculus	.....	3
CHEM 1030	Introduction to Chemistry Survey	.....	4
PHYS 1030	*Introduction to Physics Survey	.....	4

Radiography Concentration 51 Credit Hours
Cardiopulmonary Science Concentration 51 Credit Hours

**Required only for Cardiopulmonary Science Concentration*

TBR General Education Requirements 41-42 Credit Hours
 ENGL 1010 Critical Reading & Expository Writing 3
 ENGL 1020 Critical Thinking & Argumentation 3
 Communication: Oral Communication* 3
 Mathematics* 3-4

HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/11	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social and Behavioral Sciences*		6

Allied Health Core 28 Credit Hours

CHEM 1030	Introduction to Chemistry Survey	4
HSCI 2230	Introduction to Microbiology	3
HSCI 2231	Introduction to Microbiology Lab	1
PUBH 2030	First Aid & Emergency Care	3
PUBH 2100	Health Care Systems	3
ALHE 2010	Introduction to Allied Health	2
ALHE 2020	Patient Care & Assessment	3
ALHE 4060	Research in Allied Health	3
ALHE 4070	Leadership in Allied Health	3
ENVH 3030	Allied Health Law	3

Allied Health Leadership Concentration (AHL)

Box 70573

Phone: (423) 547-4900

The Allied Health Leadership concentration is designed to offer students with Associate of Applied Science (A.A.S.) degrees in Allied Health fields the opportunity to obtain a baccalaureate degree by using more of their A.A.S. hours than normally transfer to a four-year institution. This concentration allows A.A.S. graduates the opportunity to receive undergraduate credit for allied health professional courses completed at a community college. The B.S. completion program is designed for health care providers in a medical field such as medical assisting, medical laboratory technology, cardiovascular technology, physical therapy assistant, and occupational therapy assistant. This concentration will build upon existing professional knowledge to enhance skills in communications, critical thinking, problem solving, research, and leadership theories. In addition, the concentration will equip graduates with entry-level management, group dynamics, and supervisory skills as they relate to the allied health disciplines. Successful completion of the concentration will increase the mobility of the graduate into leadership positions in their respective profession.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication:	Oral Communication*	3
Mathematics*		3-4
HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/21	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social and Behavioral Sciences*		6

Allied Health Core 28 Credit Hours

CHEM 1030	Introduction to Chemistry Survey	4
HSCI 2230/31	Introduction to Microbiology Lecture/Lab	4
PUBH 2030	First Aid & Emergency Care	3
PUBH 2100	Health Care Systems	3
ALHE 2010	Introduction to Allied Health	2
ALHE 2020	Patient Care & Assessment	3
ALHE 4060	Research in Allied Health	3
ALHE 4070	Leadership in Allied Health	3
ENVH 3030	Allied Health Law	3

Professional Curriculum Allied Health

Leadership Concentration 24 Credit Hours		
ALHE 3010	Allied Health Professionals	3
DYHG 4010	Teaching Strategies for Allied Health	3
PUBH 3080	Principles of Epidemiology	3
PUBH 3200	Health Services Administration	3

PUBH 3220	Health Services Planning	3
PUBH 4377	Health Communication	3
PUBH 4607	Gerontology and Health	3
MGMT 3000	Organizational Behavior	3

Field Cognate 1-27 Credit Hours

ALHE 1100	Professional Field Cognate I	1-12
ALHE 2100	Professional Cognate II	1-12

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Junior Year**

First Semester		Credit Hours
ALHE 3010	Allied Health Professionals	3
PUBH 2100	Health Care Systems	3
PUBH 2030	First Aid & Emergency Care	3
PUBH 3080	Principles of Epidemiology	3
Humanities/Fine Arts Elective*		3
Social/Behavioral Science Elective*		3
Semester Total		18

Second Semester		Credit Hours
PUBH 3200	Health Services Administration	3
ALHE 4060	Research in Allied Health	3
Mathematics*		3-4
Humanities/Fine Arts Elective*		3
Allied Health Core		4
Semester Total		16-17

Senior Year

First Semester		Credit Hours
DHYG 4010	Teaching Strategies for Allied Health	3
ENVH 3030	Allied Health Law	3
HIST 2010	The United States to 1877	3
PUBH 4607	Gerontology and Health	3
Allied Health Core		4
Semester Total		16

Second Semester		Credit Hours
ALHE 4070	Leadership in Allied Health	3
MGMT 3000	Organization Behavior	3
PUBH 4377	Health Communication	3
HIST 2020	The United States Since 1877	3
PUBH 3220	Health Services Planning	3
Semester Total		15
Total		120

Note: Additional General Education Core Credits may be required. Students are recommended to contact Department for A.A.S. transcript evaluation.

The department offers an online program for the Allied Health Leadership Concentration. Students interested in this format should contact the department.

Cardiopulmonary Science Concentration (CSPC)

Accredited by: Committee on Accreditation for Respiratory Care (CoARC) 1248 Harwood Rd., Bedford, TX 76021-4244 (817) 283-2835
Commission on Accreditation of Allied Health Education Programs (CAAHEP)
1361 Park St., Clearwater, FL 33756 (727) 210-2350

The Respiratory Therapist applies scientific knowledge and theory to practical clinical problems of respiratory care. Respiratory Therapists are qualified to assume primary responsibility for all respiratory care modalities, including the supervision of certified respiratory care practitioners. The Respiratory Therapist may be required to exercise considerable independent clinical judgment, under the supervision of a physician in the treatment of patients with respiratory dysfunction. The Respiratory Care Practitioner may perform the following respiratory care modalities: advanced airway management, pediatric and neonatal critical care, hemodynamic monitoring, metabolic cart studies, cardiopulmonary stress testing, and other advanced procedures.

Upon successful completion of the requirements for the Cardiopulmonary Science concentration, students are eligible to apply for admission to sit for three examinations administered by the National Board for Respiratory Care. Candidates are required to pass the Certified Respiratory Therapist entry-level examination as a prerequisite to the two advanced practitioner examinations.

Licensure requirements for respiratory care practitioners vary according to state statutes. In Tennessee, practitioners are required to pass the national examinations for certified and/or registered respiratory therapist respectively.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication: Oral Communication*	.....	3
Mathematics*	.....	3-4
HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/21	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
Humanities*	.....	3
Social and Behavioral Sciences*	.....	6

Allied Health Core 28 Credit Hours

CHEM 1030	Introduction to Chemistry Survey	4
HSCI 2230/31	Introduction to Microbiology Lecture & Lab	4
PUBH 2030	First Aid & Emergency Care	3
PUBH 2100	Health Care Systems	3
ALHE 2010	Introduction to Allied Health	2
ALHE 2020	Patient Care & Assessment	3
ALHE 4060	Research in Allied Health	3
ALHE 4070	Leadership in Allied Health	3
ENVH 3030	Allied Health Law	3

Professional Curriculum Cardiopulmonary Science Concentration 51 Credit Hours

CPSC 3000	Foundations of CPSC	4
CPSC 3010	Foundations of CPSC Laboratory	3
CPSC 3040	Pharmacology in CPSC	3
CPSC 3100	CPSC Critical Care	3
CPSC 3110	CPSC Critical Care Laboratory	3
CPSC 3140	CPSC Disease Pathology	3
CPSC 3150	Clinical Education I	3
CPSC 3350	Clinical Education II	4
CPSC 3550	Patient Centered Practice	3
CPSC 4100	Advanced CPSC Critical Care	3
CPSC 4150	Clinical Education III	3
CPSC 4200	Neonatal & Pediatric CPSC	3
CPSC 4350	Clinical Education IV	3
CPSC 4500	CPSC Diagnostic & Therapeutic Care	3
PHYS 1030	Introduction to Physics Survey	4
PUBH 4607	Gerontology	3

Total Hours Required for Degree 120 Credit Hours

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading & Expos. Writing	3
Mathematics	.....	3-4
*HSCI 2010/11	Anatomy & Physiology I Lecture & Lab	4
Social and Behavioral Sciences Elective	.....	3
Semester Total		13-14

Second Semester		Credit Hours
ENGL 1020	Critical Thinking & Argumentation	3
*HSCI 2020/21	Anatomy & Physiology II Lecture & Lab	4
PUBH 2030	First Aid & Emergency Care	3
Social/Behavioral Sciences Elective	.....	3
Semester Total		13

Sophomore Year

First Semester		Credit Hours
HIST 2010	The United States to 1877	3
HSCI 2230/31	Introduction to Microbiology Lecture & Lab	4
*CHEM 1030	Introduction to Chemistry Survey	4
*ALHE 2010	Introduction to Allied Health	2
Humanities/Fine Arts Elective	.....	3
Semester Total		16

Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
PUBH 2100	Health Care Systems	3
*ALHE 2020	Patient Care & Assessment	3
*PHYS 1030	Introduction to Physics Survey	4
Humanities/Fine Arts Elective	.....	3
Semester Total		16

Junior Year

First Semester		Credit Hours
CPSC 3000	Foundations of Cardiopulmonary Science	4
CPSC 3010	Foundations of Cardiopulmonary Science Lab	3
CPSC 3040	Pharmacology in Cardiopulmonary Science	3
Communication: Oral Communication	.....	3
Semester Total		13

Second Semester		Credit Hours
CPSC 3100	Cardiopulmonary Critical Care	3
CPSC 3110	Cardiopulmonary Critical Care Lab	3
CPSC 3150	Clinical Education I	3
Humanities/Fine Arts Elective	.....	3
Semester Total		12

Summer

Summer Semester		Credit Hours
CPSC 3140	Cardiopulmonary Disease Pathology	3
CPSC 3350	Clinical Education II	4
CPSC 3550	Patient Centered Practice	3
Semester Total		10

Senior Year

First Semester		Credit Hours
CPSC 4100	Advanced Cardiopulmonary Critical Care	3
CPSC 4150	Clinical Education III	3
CPSC 4500	Cardiopulmonary Diagnostic & Therapeutic Care	3
ALHE 4060	Research in Allied Health	3
ENVH 3030	Allied Health Law	3
Semester Total		15

Second Semester		Credit Hours
CPSC 4200	Neonatal & Pediatric Cardiopulmonary Care	3
CPSC 4350	Clinical Education IV	3
ALHE 4070	Leadership in Allied Health	3
PUBH 4607	Gerontology	3
Semester Total		12
Total		120

* Prerequisite courses must be completed prior to being accepted into the Cardiopulmonary Science Program.

Note: One Humanities/ Fine Arts Elective must be in Literature. One General Education elective must be Writing Intensive.

**Radiography Concentration
(RADG)**

Accredited by: **Joint Review Committee on Education in Radiologic Technology**, 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182 (312) 704-5300 – mail@jrcert.org

Radiography integrates scientific knowledge and skills with effective patient interactions to provide quality patient care and useful diagnostic information. The radiographer performs radiographic examinations that create images needed for diagnosis. Radiographers must demonstrate an understanding of human anatomy, physiology, medical terminology, pathology, radiation protection, and patient assessment. Radiographers administer contrast media and medications in accordance with state and federal regulations and assist physicians to complete intricate medical procedures. Radiographers are the primary liaison between patients, physicians, and health agency staff. Additional duties may include equipment evaluation, conducting quality assurance programs, providing patient education, and departmental administrative functions. Radiographers are employed in health care facilities including specialized medical centers, urgent care clinics, private physicians' offices and as educators or department administrators. Salaries and benefits are generally competitive with other health professions and vary according to experience and employment location.

Upon degree completion, individuals may apply to take the national certification examination. Successful completion of the American Registry of Radiologic Technologists (ARRT) certification examination permits use of the credential R.T. (R) following one's name. The R.T. signifies registered technologist and the (R) indicates radiography.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication: Oral Communication*	.....	3
Mathematics*	.....	3-4
HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/21	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature	.....	3
Fine Arts	.....	3
Humanities	.....	3
Social and Behavioral Sciences	.....	6

Allied Health Core 28 Credit Hours

CHEM 1030	Introduction to Chemistry Survey	4
HSCI 2230/31	Introduction to Microbiology	4
	Lecture and Lab	
PUBH 2030	First Aid & Emergency Care	3
PUBH 2100	Health Care Systems	3
ALHE 2010	Introduction to Allied Health	2
ALHE 2020	Patient Care & Assessment	3
ALHE 4060	Research in Allied Health	3
ALHE 4070	Leadership in Allied Health	3
ENVH 3030	Allied Health Law	3

Professional Curriculum

Radiography Concentration 51 Credit Hours

RADT 3000	Image Production & Evaluation	4
RADT 3010	Radiation Physics	4
RADT 3020/21	Radiographic Procedures I Lecture & Lab	4
RADT 3030/31	Radiographic Procedures II Lecture & Lab	4
RADT 3040	Clinical Education I	2
RADT 3050	Clinical Education II	2
RADT 3060	Radiographic Imaging & Quality Assessment	3
RADT 3070	Radiobiology	4
RADT 4000	Clinical Education III	6
RADT 4010	Clinical Education IV	3
RADT 4020	Clinical Education V	3
RADT 4030	Radiographic Pathology	3
RADT 4040	Radiopharmaceuticals & Special Procedures	3
RADT 4060	Digital Imaging in Radiography	3
RADT 4070	Professional Transition to Radiography	3

Total Hours Required for Degree 120 Credit Hours

* Prerequisite courses must be completed prior to being accepted into the Radiography Concentration.

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
*HSCI 2010/11	Anatomy & Physiology I Lecture & Lab	4
PSYC 1310	Introduction to Psychology	3
	Social and Behavioral Sciences Elective	3
	Semester Total	13
Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
*HSCI 2020/21	Anatomy & Physiology II Lecture & Lab	4
Mathematics	.....	3-4
	Communication: Oral Communication	3
	Humanities/Fine Arts Elective	3
	Semester Total	16-17

Sophomore Year

First Semester		Credit Hours
HIST 2010	The United States to 1877	3
PUBH 2100	Health Care Systems	3
*HSCI 2230	Introduction to Microbiology Lecture & Lab	4
*ALHE 2010	Introduction to Allied Health	2
	Humanities/Fine Arts Elective	3
	Semester Total	15
Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
*CHEM 1030	Introduction to Chemistry Survey	4
*ALHE 2020	Patient Care and Assessment	3
PUBH 2030	First Aid and Emergency Care	3
	Humanities/Fine Arts Elective	3
	Semester Total	16

Junior Year

First Semester		Credit Hours
RADT 3000	Image Production and Evaluation	4
RADT 3020/21	Radiographic Procedures I Lecture & Lab	4
RADT 3040	Clinical Education I	2
ALHE 4070	Leadership in Allied Health	3
	Semester Total	13
Second Semester		Credit Hours
RADT 3010	Radiation Physics	4
RADT 3060	Radiographic Imaging & Quality Assessment	3
RADT 3030/31	Radiographic Procedures II Lecture & Lab	4
RADT 3050	Clinical Education II	2
	Semester Total	13

Summer

RADT 4000	Clinical Education III	6
Total		6

Senior Year

First Semester		Credit Hours
RADT 3070	Radiobiology	4
RADT 4040	Radiopharmaceuticals & Special Procedures	3
ALHE 4060	Research in Allied Health	3
ENVH 3030	Allied Health Law	3
RADT 4010	Clinical Education IV	3
	Semester Total	16
Second Semester		Credit Hours
RADT 4060	Digital Imaging and Radiography	3
RADT 4030	Radiographic Pathology	3
RADT 4070	Professional Transition to Radiography	3
RADT 4020	Clinical Education V	3
	Semester Total	12
Total		120

**Dental Hygiene Concentration
(DHYG)**

Box 70690

Phone: (423) 439-4497

Accredited by: **Commission on Dental Accreditation, American Dental Association**, a specialized accrediting body recognized by the Council on Postsecondary Accreditation and the United States Department of Education

The dental hygienist works with the dental team in the prevention and control of dental disease and has the opportunity to work in diverse settings. In addition to the private dental office, dental hygienists may work in such practice settings as: federal, state, and local health departments, hospitals, nursing homes, school systems, educational programs for dental hygiene and dental assisting students, private business/industry, correctional facilities, private and public centers for pediatric, geriatric, and other individuals/groups with special needs, and health maintenance organizations.

The dental hygienist, a recognized member of the dental team, is devoted to helping patients prevent dental disease and maintain good oral health. The responsibilities of a licensed dental hygienist in Tennessee include scaling and polishing teeth, applying topical fluoride agents, placing pit and fissure sealants, providing nutritional counseling, exposing and processing dental radiographs, and educating the patient in the proper care of their teeth and supporting structures.

Practice and Licensure: For licensure, most states require dental hygiene graduates to pass both the National Dental Hygiene Board Examination and a licensing examination prescribed by the individual state board of examiners. Most states require dental hygienists to practice under the supervision of a licensed dentist.

The Dental Hygiene program offers a Bachelor of Science degree (B.S.).

Program Admission: All students applying to the program must meet the requirements for the specific degree programs listed in this catalog. All applicants must first apply and be admitted to the university. This admittance, however, does not assure acceptance to the dental hygiene program.

Applications for the university should be addressed to:

East Tennessee State University
Office of Admissions
Box 70731
Johnson City, TN 37614

A separate program application **must** be received by **March 1** for consideration by the admissions committee. Students may secure academic advisement prior to admission by contacting the Dental Hygiene Admissions Chair.

Requests for the application forms should be addressed to:

East Tennessee State University
College of Clinical and Rehabilitative Health Sciences
Admissions Chair, Dental Hygiene
Box 70690
Johnson City, TN 37614

You may also obtain the information by calling (423) 439-4497 or visiting the dental hygiene web site: www.etsu.edu/crhc/dental.

Requests for the B.S. online degree completion program for practicing dental hygienists may also be obtained from the above address, phone number, and/or web site address.

Expenses: In addition to the usual registration and tuition, students are required to purchase such personal items as uniforms, dental instruments, specialized textbooks, laboratory materials, and a dental hygiene pin. Expenditures for these items, which are the personal property of the student, are approximately \$2,000. Most of this additional expense occurs during the first year of study.

Retention - Progression Policy: Dental Hygiene students will be allowed to progress in the dental hygiene curriculum as all dental hygiene courses and basic science courses (Anatomy and Physiology, Microbiology, and Chemistry) are completed with a grade of C or better. Progression status will be evaluated at the close of each semester. Students receiving less than a 2.0 in any of the classes listed above will be placed on probation. A student on probation who receives a second grade of less than 2.0 in one of the classes listed above will not be permitted to progress in the dental hygiene curriculum. Students earning failing grades in any dental hygiene course will be reviewed by the faculty to determine feasibility of progression. Following the faculty review of student performance, an individual plan for curriculum completion will be presented for consideration for any student affected.

**Bachelor of Science Degree (B.S.)
in Dental Hygiene**

The B.S. degree consists of 67 credit hours of dental hygiene core classes and a minimum of 53 credit hours of general education core and prerequisite classes for a total of 120 credit hours. All courses offered in the dental hygiene core curriculum must be taken in sequence. The general education core classes may be taken prior to entry into the program. Because of the rigors of the curriculum, students are encouraged to complete all general education core classes prior to applying to the dental hygiene program.

Admission Requirements

Admission to the ETSU Dental Hygiene program requires that the applicant be admitted to the university before the application to the professional program can be considered. If the applicant is in the process of applying to the university, he/she may receive conditional acceptance until the final university admission is received. If the applicant is a former ETSU student, he/she must apply and be readmitted to the university. Admission to the B.S. program requires the following information be submitted:

- (1) evidence of admission to the university,
- (2) completed program application form, and
- (3) official college transcripts from all institutions attended.

The program must receive all information by **March 1**. Upon receipt of this information, the Admission's Chair will review all aspects of the applicant's record to determine if the applicant will be considered for an interview. Entry into the B.S. program requires completion of all of the first-year classes listed in the curriculum. The equivalent courses at another institution will be accepted if the university accepts them as transfer credit.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/11	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social and Behavioral Sciences*	6

*See General Education Core Requirements.

Major Requirements 68 Credit Hours

DHYG 2020	Dental Anatomy & Histology	3
DHYG 2040	Dental Office Emergencies	2
DHYG 2030	Pre-Clinical Lecture	3
DHYG 2031	Pre-Clinical Lab	3
DHYG 2050	Occupational Safety for Dental Healthcare	1
DHYG 2060	Introduction to Dental Hygiene	1
DHYG 2130	Clinical Seminar I	1
DHYG 2131	Clinical Practice I	4
DHYG 2160	Periodontology	3
DHYG 2170	Dental Radiology	3
DHYG 2171	Dental Radiology Lab	1
DHYG 3010	Head & Neck Anatomy	2
DHYG 3020	General & Oral Pathology	3
DHYG 3030	Clinical Seminar II	2
DHYG 3031	Clinical Practice II	4
DHYG 3110	Dental Materials	2
DHYG 3111	Dental Materials Lab	1
DHYG 3120	Pharmacology	3
DHYG 3130	Community Dental Health	3
DHYG 3200	Issues in Dental Hygiene	1
DHYG 4000	Dental Radiographic Interpretation	1
DHYG 4010	Teaching Strategies	3
DHYG 4020	Dental Hygiene Seminar III	1
DHYG 4021	Dental Hygiene Clinical Practice III	4
DHYG 4030	Anesthesia & Pain	1
DHYG 4031	Local Anesthesia Lab	1
DHYG 4110	Supportive Periodontal Therapy	3
DHYG 4120	Dental Hygiene Clinical Seminar IV	1
DHYG 4121	Dental Hygiene Clinical Practice IV	4
DHYG 4130	Geriatric Dental Hygiene	2
DHYG 4141	Community & Rural Dental Health	1

Additional Requirements 11 Credit Hours

HSCI 2230	Introduction to Microbiology	4
CHEM 1030	Introduction to Chemistry Survey	4
NTFD 2420	Principles of Nutrition	3

Total Hours Required for Degree 120 Credit Hours

Suggested Course Sequence

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading & Expository Writing	3
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
HSCI 2010/11	Anatomy & Physiology I Lecture and Lab	4
Semester Total		13
Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
PSYC 1310	Introduction to Psychology	3
HIST 2020	The United States Since 1877	3
HSCI 2020/21	Anatomy & Physiology II Lecture & Lab	4
Semester Total		13

Sophomore Year

First Semester		Credit Hours
CHEM 1030	Introduction to Chemistry Survey	4
NTFD 2420	Principles of Nutrition	3
SPCH 1300	General Speech	3
ENGL	Literature Elective	3
Semester Total		13
Second Semester		Credit Hours
HSCI 2230/31	Introduction to Microbiology Lecture and Lab	4
	Fine Arts Elective	3
	Humanities Elective	3
SOCI 1020	Introduction to Sociology	3
Semester Total		13

Junior Year

First Semester		Credit Hours
DHYG 2020	Dental Anatomy and Histology	3
DHYG 2030	Pre-Clinical Lecture	3
DHYG 2031	Pre-Clinical Lab	3
DHYG 2040	Dental Office Emergencies	2
DHYG 2050	Occupational Safety for Dental Healthcare Workers	1
DHYG 2060	Introduction to Dental Hygiene	1
DHYG 4010	Teaching Strategies for Allied Health	3
Semester Total		16
Second Semester		Credit Hours
DHYG 2130	Clinical Seminar I	1
DHYG 2131	Clinical Practice I	4
DHYG 2160	Periodontology	3
DHYG 2170	Dental Radiology	3
DHYG 2171	Dental Radiology-Lab	1
DHYG 3020	General and Oral Pathology	3
Semester Total		15

Summer Semester		Credit Hours
DHYG 3030	Clinical Seminar II	2
DHYG 3031	Clinical Practice II	4
DHYG 3010	Head and Neck Anatomy	2
DHYG 4000	Radiology Interpretation	1
DHYG 4030	Anesthesia and Pain Control	1
Semester Total		10

Senior Year		Credit Hours
First Semester		
DHYG 3110	Dental Materials Lecture	2
DHYG 3111	Dental Materials Lab	1
DHYG 3120	Pharmacology	3
DHYG 3130	Community Dental Health	3
DHYG 4020	Dental Hygiene Seminar III (T)	1
DHYG 4021	Dental Hygiene Clinical Practice III	4
DHYG 4031	Local Anesthesia Lab	1
Semester Total		15

Second Semester		Credit Hours
DHYG 3200	Issues in Dental Health	1
DHYG 4110	Supportive Periodontal Therapy	3
DHYG 4120	Dental Hygiene Clinical Seminar IV (W)	1
DHYG 4121	Dental Hygiene Clinical Practice IV	4
DHYG 4130	Geriatric Dental Hygiene (O)	2
DHYG 4141	Community and Rural Dental Health	1
Semester Total		12
Total		120

Nutrition and Foods (NTFD)

The Nutrition and Foods concentration provides students with the foundation skills and knowledge necessary to provide general nutrition education to individuals as well as to community groups. The undergraduate program in dietetics is developmentally accredited as a didactic program in dietetics (DPD) by the Commission on Accreditation for Dietetics Education (CADE) of The American Dietetic Association (ADA).

To receive the baccalaureate of science degree in Allied Health with the Nutrition and Foods concentration, 120 credit hours must be completed. The degree program includes the general education core (41 credits) and allied health core (25 credits), nutrition and foods didactic and laboratory courses (51 credits), as well as a field experience (3 credits).

Students who successfully complete the DPD program will receive a CADE Verification of Completion Statement and are then eligible to apply for a supervised practice program (dietetic internship). Successful completion of an accredited dietetic internship will allow students to complete the national Registration Examination to become a registered dietitian. Another option for DPD graduates is to take the Registration Exam for Dietetic Technicians.

ETSU Academic Proficiency Requirements

Writing: Students must complete a minimum of four writing-intensive courses. At least two of these courses must be in the major field of study. At least two of the four courses must be at the 3000-4000 level.

Oral Communication: Students must complete a minimum of two oral communication-intensive courses. At least one of these courses must be in the major field of study.

Using Information Technology: Students must complete at least one using information technology-intensive course in the major field of study.

Transfer students may be subject to reduced number of intensives.

See *ETSU Academic Proficiency Requirements for details.*

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication: Oral Communication*		3
MATH 1530		3
HSCI 2010/11	Anatomy and Physiology I Lecture/Lab	4
HSCI 2020/11	Anatomy and Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature* (ENGL 2210, 2220, or 2430 suggested)		3
Fine Arts*		3
Humanities*		3
PSYC 1310	Introduction to Psychology	3
SOCI 1020	Introduction to Sociology	3

*See General Education Core Requirements.

Core Requirements 25 Credit Hours		
ALHE 2010	Introduction to Allied Health	2
ALHE 2020	Patient Care and Assessment	3
ALHE 4060	Research in Allied Health	3
ALHE 4070	Leadership in Allied Health	3
ALHE 4100	Information Management	3
ENVH 3030	Allied Health Law	3
HSCI 2230/31	Introduction to Microbiology Lec/Lab	4
CHEM 1110/11	General Chemistry I Lec/Lab	4

Core Requirements 54 Credit Hours		
NTFD 2415	Art and Science of Food Preparation	3
NTFD 2420	Principles of Nutrition	3
NTFD 3430	Community Nutrition	3
NTFD 3440	Quantity Food Operations	4
NFTD 3465	Human Nutrition and Metabolism	3
NFTD 3485	Basic Skills in Dietetics Practice	2
NTFD 4415	Food Systems Administration	3
NTFD 4425	Clinical Nutrition I	3
NTFD 4437	Clinical Nutrition II	3
NTFD 4447	Nutritional Biochemistry	3
NFTD 4465	Experimental Food Science	3
NTFD 4475	Managing Food Service Operations	3
NTFD 4535	Field Studies	3
PUBH 3120	Principles & Practices of Health Education	3
CHEM 1120/21	General Chemistry II Lec/Lab	4
CHEM 2010/11	Organic Chemistry Lec/Lab	5
MGMT 4510	Human Resources Management	3

Admission Requirements

Applications will be accepted and reviewed in the semester following the accrual of 60 (sixty) credit hours. The application process will include a review of transcripts and evaluation of a written statement of personal and career goals. Requirements for admission and retention in the Nutrition and Foods concentration are as follows:

- Maintain a college GPA of 2.5 or better on a 4.0 scale (developmental studies grades/quality points excluded);
- Complete science courses and all NTFD courses with a minimum grade of C or better in each course within the first two attempts.

Career Opportunities in Nutrition

Many exciting career opportunities await registered dietitians (RD). Students who choose not to apply for a dietetic internship also have several career options in education, sales, or public health.

Registered Dietitians have many career options:

- Clinical Dietetics: hospital inpatient and acute care
 - Nutrition Support
 - Intensive Care
 - Pediatrics and Neonatology
 - Diabetes
 - Cardiology
 - General Medicine
 - Oncology
 - Renal
 - Surgery
- Obesity/Weight Management
- Consulting to Health Care Facilities
- Government Agencies and Programs
 - Head Start
 - School Food Service
 - Coordinated School Health
 - WIC
- Food and Nutrition in Industry
- Sales and Marketing
- Nutrition Education and Research
- Pharmaceutical and Food Companies
- Sports Nutrition
- Wellness
- Long-term Care

For those students who choose not to pursue a dietetic internship following completion of the DPD program, several career options exist:

- Dietetic Technician, Registered: Students will be eligible to take the DTR exam following completion of the undergraduate program.

- WIC Nutrition Educator
- Lactation Consultant
- Agricultural Extension Service
- Medical-Nutrition Sales
- Food Service Director

Academic Advising

Students interested in the B.S. degree with a major in Allied Health, Nutrition and Foods concentration, should make an advisement appointment by calling (423) 439-7468. Periodic advising is strongly recommended.

Expenses/Financial Aid

Tuition and fees can be found at http://www.etsu.edu/comptrol/bursar_fees.htm. The student will incur the costs of tuition, room, board, and books. In addition, each student is responsible for all expenses related to clinical education including health and liability insurance, health screening, personal, and incidental expenses.

For more information:

Department of Allied Health Sciences:
 (423) 547-4900
 Fax: (423) 547-4921

ETSU Didactic Program in Dietetics web site: <http://www.etsu.edu/crhs/alliedhealth/nutrition>

**Department of Audiology
 and Speech-Language Pathology
 (ASLP)**

Box 70643

Phone: (423) 439-4272

The field of communicative disorders encompasses the professions of audiology and speech-language pathology. Persons working in the field assist individuals who have difficulties with hearing, balance, speech, and/or language communication. Professionals are skilled in the techniques of evaluation, in (re)habilitation treatment, and in aspects of counseling communicatively handicapped individuals and their families. Audiologists and speech-language pathologists provide services to all age groups. Such services may be located in medical, educational, and private settings.

The Department of Audiology and Speech-Language Pathology graduate programs in audiology and speech pathology are fully accredited by the American Speech-Language-Hearing Association (ASHA). Undergraduate students may receive preparation for the graduate programs in CDIS by selecting any major with a minor in CDIS. At the graduate level, the Department of Audiology and Speech-Language Pathology offers two program tracks. Students enroll in either a two-year Master of Science degree in Speech-Language Pathology, or a four-year Doctorate in

Audiology (AUD). Completion of the graduate programs prepares the student to meet the requirements for professional certification by ASHA. The programs also meet licensure requirements for the Tennessee Board of Health Related Professions and the Tennessee Board of Education.

Application deadline for the graduate program is mid-February and may be completed while enrolled in prerequisite coursework. (See Graduate Catalog for specific application information.) For students who have completed an undergraduate degree, conditional acceptance to the graduate program will be considered. The prerequisite coursework for the graduate programs in Communicative Disorders includes the following:

At least 6 credit hours in Biological/Physical Science and Mathematics (at least one course in each area). A course in statistics is recommended.

At least 6 credit hours in the Behavioral and /or Social Sciences including study that pertains to understanding normal/abnormal human behavior, developments across the life span, social interaction, and issues of culturally diverse populations.

Communicative Disorders Minor 20 Credit Hours

CDIS 4000	Communication Sciences and Disorders	3
CDIS 4017/5017	Speech and Hearing Science I	4
CDIS 4027/5027	Speech and Hearing Science II	4
CDIS 4030	Language Development	3
CDIS 4037/5037	Speech & Hearing Anatomy & Physiology	3
CDIS 4200	The Clinical Process	3

**Department of Physical Therapy
 (PHYT)**

Box: 70624

Phone: (423) 439-8275

Physical Therapy, which is the care and services provided by or under the direction and supervision of a physical therapist, includes: 1) examining and evaluating patients with health-related conditions, impairments, functional limitations, and disability in order to determine a diagnosis, prognosis, and intervention; 2) alleviating impairments and functional limitations by designing, implementing, and modifying therapeutic interventions; 3) preventing injury, impairments, functional limitations, and disability, including promoting and maintaining fitness, health, and quality of life in all age populations; and 4) engaging in consultation, education, and research. (Adopted by the American Physical Therapy Association (APTA) board of directors in March 1995 (B.D. 03-95-24-64)

The university offers a post-baccalaureate entry-level doctor of physical therapy degree (D.P.T.) program. Information on the graduate program in physical therapy is available in the ETSU Graduate Catalog and on the department web site: www.etsu.edu/crhs/physther

School of Continuing Studies and Academic Outreach

P.O. Box: 70733

Phone: (423) 439-8300

The School of Continuing Studies and Academic Outreach is the academic unit responsible for the special needs of adult and nontraditional students. In addition to the Office of the Associate Vice President for Public Service and Dean of Continuing Studies and Academic Outreach there are several centers with special programs or services.

Division of Cross-Disciplinary Studies

The Division of Cross-Disciplinary Studies administers the Bachelor of General Studies, Bachelor of Applied Science, Bachelor of Science in Interdisciplinary Studies, Bachelor of Science in Professional Studies, Master of Arts in Liberal Studies, and the Master of Professional Studies degrees. The Division facilitates credit classes at sites other than Johnson City and Kingsport through cohort programs. Arrangements for off-campus courses can be made by calling Cross-Disciplinary Studies at (423) 439-6807. In order to service the needs of organizations such as business/industry and school systems, courses are taught on-site at organizations when appropriate faculty are available. The courses can be existing classes, or course content can be tailored to the organization's needs within approved limits established by ETSU academic departments and faculty.

The Division offers service-learning courses. Service-learning is a form of experiential education that ties academic coursework to meaningful service. While gaining core and oral- and writing-intensive credit in the introductory course, students work with populations or environments through placements with community agencies. Students commit to thirty (30) out-of-class hours while gaining hands-on involvement, resume building experience, time management awareness, communication skills, and critical thinking practice.

Office of Professional Development

The goal of the Office of Professional Development is to provide quality non-credit continuing education and professional development programs; conferencing, seminars, workshop services; and life-long learning opportunities designed to meet the specific needs of learners of all ages that include, but are not limited to, industry, health care, academic and professional organizations, and P-16 education. Professional Development seeks to enhance ETSU credit and academic programs whenever possible. This office also offers CEU, TNA, and APA certification to qualifying programs. Internet programs are also available.

ETSU at Kingsport

Day, evening, and weekend classes including lower division, upper division, and graduate courses are offered each term at the ETSU at Kingsport campus in Kingsport, TN. Undergraduate offerings meet most of the freshman and sophomore degree requirements of most ETSU programs. Graduate evening courses are available in selected academic areas. Scholarships for full- and part-time students are available. Courses are taught by full-time ETSU faculty based at the center, faculty from the main campus in Johnson City, and adjunct instructors from the community. Career counseling, academic advising, and financial aid assistance are available. A variety of intramural and other student activities are also available.

Facilities on the 100-acre site include computer registration via GoldLink Online, bookstore, library, biology and chemistry labs, computer labs, and a gymnasium/weight room.

Office hours: Monday-Friday 7:30 a.m. - 7:00 p.m.
 Saturday 8:00 a.m. - 1:00 p.m.
Telephone: (423) 392-8000 **Fax:** (423) 392-8014

Bachelor of General Studies (BGS)

Box 70659

Phone: (423) 439-4223

The School of Continuing Studies and Academic Outreach offers the Bachelor of General Studies (B.G.S.) to provide adult learners an alternative to traditional degree programs. A learner-centered program, the B.G.S. allows students to develop an individualized program of study specifically tailored to their learning needs.

The B.G.S. program is most suited for the mature student, generally 21 or older, who wishes to complete an undergraduate degree while still fulfilling employment and family responsibilities. Each student follows an Individual Learning Plan (ILP). This plan is a written summary developed by the student and B.G.S. advisor that includes the ETSU general education core, previous college-level work, and elective credits to meet both graduation requirements and the students' personal or professional goals. Recognizing that learning often occurs in nonacademic settings, the School of Continuing Studies and Academic Outreach encourages its B.G.S. majors to pursue credit for college-level prior learning. Students may earn credit through such programs as the College Level Examination Program (CLEP), departmental challenge examinations, or submission of a prior learning portfolio to be evaluated by ETSU faculty. Students who have previously earned a four-year degree are not eligible to enroll in the B.G.S. program. Due to the unique nature of the B.G.S. degree, students may not double major.

Admission Requirements:

1. A student must be admitted to the university through the Office of Admissions.
2. Once accepted, the student must apply for admission to the B.G.S. program through the School of Continuing Studies and Academic Outreach and meet these requirements.
 - a. The student must be 21 or older but not have 100 or more credit hours. (Exceptions to the 100 hours completed may be appealed to the department chair, Division of Cross-Disciplinary Studies.)
 - b. The student must complete the Cross-Disciplinary Studies application.
 - c. The student must write a brief essay that includes academic goals and objectives and the reason the B.G.S. program is appropriate.
 - d. The student must interview with the B.G.S. advisor. The student must show evidence of ability to do highly independent work. Students better served by traditional academic programs will be referred to those programs.

Curriculum Requirements:

1. TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

*See the General Education Core Requirements for options.

Additional graduation requirements:

- Proficiency intensives
2. **Individual Learning Plan (ILP).** The students' Individual Learning Plan, designed with the help of an academic advisor, must include the following course: BGSD 4210 Professional Field Experience (three credit hours). The ILP is prepared early in the students' program. Each students' ILP consists of prior learning and all planned new

learning. Prior learning includes previous coursework, credit for CLEP and other exams, credit recommended by the American Council on Education, and prior learning portfolio credit. New learning consists of the ETSU courses the student plans on completing to meet degree requirements. B.G.S. majors are required to limit their hours from the College of Business and Technology to no more than 25 percent of the total number of hours completed for the B.G.S. degree.

3. **Senior-Level Institution.** A minimum of 50 credit hours must be completed at a senior-level (four-year) institution.
4. **Upper Division and Residency.** 34 credits of the student's total program must be upper division (3000/4000 levels). At least 30 credit hours of credit must be completed in residence at ETSU. Evening, off-campus courses, and credit earned through the portfolio are considered residence credit.
5. **Grade Point Average.** A minimum grade point average of 2.0 is required to graduate.
6. **Minor.** A minor is not required for B.G.S. students but students may choose to pursue a minor as it fits their goals.
7. **Professional Field Experience.** Satisfactory completion of the B.G.S. Professional Field Experience (BGSD 4210) is required to graduate.
8. **Total Hours.** 120 credit hours are required.

BGSD 4210 Professional Field Experience (3 credits) – Required of all B.G.S. students. Senior standing. The purpose is to increase the student's knowledge in a particular personal or career-related area through a practical learning experience. This must be new learning by the student and submitted in the form of a culminating project.

The Prior Learning/Experiential Learning Portfolio

The prior learning portfolio is an option available only to B.G.S., B.S.I.S., and B.S.P.S. students that allows them the opportunity to earn credit for their college-level learning that has taken place outside the traditional college classroom. In consultation with the advisor, students prepare a prior learning portfolio. The finished portfolio is submitted to the advisor to appraise form and content. Final approval is made by the appropriate departmental faculty. Credit may only be awarded for prior learning that directly equates to specific ETSU courses.

If a student transfers from the B.G.S., B.S.I.S., and B.S.P.S. to another major, hours earned through the prior-learning portfolio cannot be applied to the new major. No more than 25 percent of the degree may be earned through the prior learning portfolio process. In a 120-semester-hour program, this limit is 30 credit hours. Credit earned through the prior learning portfolio is ungraded and does not affect the student's grade point average. Portfolio credit does count as ETSU residence credit.

Bachelor of Applied Science (B.A.S.)

Box 70659 Phone: (423) 439-4223 916 W. Maple St.

The Bachelor of Applied Science (B.A.S.) degree offers students with Associate of Applied Science (AAS) degrees in technical fields the opportunity to obtain a baccalaureate degree by using more of their AAS hours than normally transfer to traditional majors. The degree is not intended for students with degrees in health-related fields or for students who have earned AAS degrees in subject areas where articulation agreements with ETSU already exist. B.A.S. students, in conjunction with the B.A.S. advisor, design an individualized program of study that best meets the student's needs for professional development and career enhancement. The program of study includes a professional development concentration which students may fulfill either by completing an ETSU minor or by completing 27 hours of related, advisor-approved courses. Students who have previously earned a four-year degree are not eligible to enroll in the B.A.S. program. Due to the unique nature of the B.A.S. degree, students may not double major.

Admission Requirements

1. Students must have the AAS degree in a field that does not have an articulated program with ETSU.
2. Students apply to ETSU and must meet ETSU general admission requirements.

3. Upon acceptance to ETSU, students complete an admissions interview with a B.A.S. advisor.
4. The B.A.S. advisor recommends admission or denial to the department chair, Division of Cross-Disciplinary Studies.
5. The department chair accepts or denies admission.

Curriculum Requirements

1.TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See the General Education Core Requirements for options.*

Additional graduation requirements:

Proficiency intensives

2. **A.A.S. degree transfer hours.** Up to 60 credits from the student's AAS degree may be applied to the B.A.S. degree.
3. **Gateway Courses.** Gateway courses are five ETSU courses required by all B.A.S. students, including the following: ENGL 1020, MATH 1530, and HIST 2010 and/or advisor approved courses. (These courses all apply to the student's degree.) Each course must be completed with the minimum 2.0 prior to petitioning to earn credit for the following technical specialty courses from their AAS degree. After completion of all Gateway courses as required, the B.A.S. advisor will complete a form to petition for credit for up to 30 technical specialty hours to be used in the degree program. These hours will be assigned to special categories used only for this degree. The advisor will determine how these hours may be applied to the student's program.
4. **Technical Specialty.** Technical courses from AAS degree that did not have direct transfer. In order to petition to earn credit for up to 30 of these hours, students must have met two conditions: (1) completion of all Gateway courses with minimum 2.0 in each course and (2) a minimum overall 2.0 GPA for all ETSU work. Direct transfer hours and technical specialty credit combined should not exceed 60 hours.
5. **Professional Field Experience.** Satisfactory completion of the Professional Field Experience (BGSD 4210) is required to graduate.
6. **General Electives.** Approved electives to complete 120 total hours.
7. All other graduation requirements of the university must be met. See index for listing of these requirements in front section of the catalog.
8. **Total Credits.** 120 credits required.

Bachelor of Science in Interdisciplinary Studies (B.S.I.S.)

Box 70659 Phone: (423) 439-4223 916 W. Maple St.

The web-based Bachelor of Science in Interdisciplinary Studies (B.S.I.S.) is especially designed to meet the needs of those with limited access to higher education; typically, adult students whose work, place of residence, family obligations, or other confinements have made attendance difficult in traditional on-campus courses. The B.S.I.S. program is most suitable for adults who have completed an associate degree, or at minimum, some college credit. The program gives students the opportunity to integrate personal and professional growth through the exploration of perspectives, philosophies and experience in a variety of disciplines. Students complete two areas of concentration, which they may fulfill either by completing an ETSU minor or by completing 12 hours of related, upper-level coursework in an area appropriate to their educational or professional goals. Students may obtain the degree entirely through online courses or through a combination of traditional classroom and online courses. Students who have previously earned a four-year degree are not eligible to enroll in the B.S.I.S. program. Due to the unique nature of the B.S.I.S. degree, students may not double major.

Admission Requirements

1. Students apply to ETSU and must meet ETSU general admission requirements.
2. Upon acceptance to ETSU, students complete an admissions interview with a B.S.I.S. advisor. The interview may be completed over the telephone or through some other electronic means. The purpose of the interview is to determine whether the B.S.I.S. is the best program for the student, or if the student would be better served by another degree program.
3. Students must complete the Cross-Disciplinary Studies application.
4. The B.S.I.S. advisor recommends admission or denial to the department chair, Division of Cross-Disciplinary Studies.
5. The department chair accepts or denies admission.

Curriculum Requirements

1. TBR General Education Requirements	41-42 Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

* See the General Education Core Requirements for options.

* Students may choose regular ETSU general education core courses or RODP general education core courses that are currently developed.

Additional graduation requirements:

- Proficiency intensives
- 2. Two Concentrations.** The student will complete two concentrations of his/her choice. Each concentration is a minimum of 12 hours of related coursework in the same discipline. Of the 12 hours required for each concentration, 9 of those hours must be at the 3000-4000 levels. There may be no duplication of courses between the two concentrations.
- 3. Professional Field Experience.** Satisfactory completion of the B.S.I.S. Professional Field Experience (B.S.I.S. 4210) is required to graduate.
- 4. Guided electives.** The student will complete up to 52 hours of advisor-approved elective courses.
- 5. Upper division requirement.** 34 hours of the student's entire B.S.I.S. degree program must be at the 3000/4000 levels.
- 6. All other graduation requirements of the university must be met. See index for listing of these requirements in front section of the catalog.
- 7. Total Credit Hours.** A total of 120 credit hours are required.

**Bachelor of Science in Professional Studies
(B.S.P.S.)**

Box 70659 Phone: (423) 439-4223 916 W. Maple St.

The web-based Bachelor of Science in Professional Studies (B.S.P.S.) is especially designed to meet the needs of those with limited access to higher education; typically, adult students whose work, place of residence, family obligations, or other confinements have made attendance difficult in traditional on-campus courses. The B.S.P.S. program is most suitable for adults who have completed an associate degree, or, at minimum, some college credit. Students must complete a concentration in either information technology or organizational leadership. The information technology concentration provides students with knowledge of the management information systems field and prepares them to work in most information systems departments in business, industry, or government. The organizational leadership concentration provides students with the opportunity to learn and develop management and communication skills applicable to work in management areas. Students may obtain the degree entirely through online courses or through a combination of traditional classroom and online courses. Students who have previously earned a four-year degree are not eligible to enroll in the B.S.P.S. program. Due to the unique nature of the B.S.P.S. degree, students may not double major.

Admission Requirements

1. Students apply to ETSU and must meet ETSU general admission requirements.
2. Upon acceptance to ETSU, students complete an admissions interview with a B.S.P.S. advisor. The interview may be completed over the telephone or through some other electronic means. The purpose of the interview is to determine whether the B.S.P.S. is the best program for the student, or if the student would be better served by another degree program.
3. Students must complete the Cross-Disciplinary Studies application.
4. The B.S.P.S. advisor recommends admission or denial to the department chair, Division of Cross-Disciplinary Studies.
5. The department chair accepts or denies admission.

Curriculum Requirements

1. TBR General Education Requirements	41-42 Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

* See the General Education Core Requirements for options.

Additional graduation requirements:

- Proficiency intensives
- 2. Professional Core.** The professional core is a total of 21 hours. The student chooses one course from each of the following five areas:
 - Area One: Administration and Supervision 3 Credit Hours**
 - Principles of Administration (METH 4381)
 - Public Administration (PADM 3601)
 - Principles of Management and Organization Behavior (MGMT 610)
 - Special Topics in Leadership (LIST 4093)
 - Area Two: Organizational Systems 3 Credit Hours**
 - Non-profit Organizations (PADM 4226)
 - Complex Organizations and Occupations
 - Organizational Theory and Behavior (PM 4120)
 - Nursing Management
 - Organizational Theory and Development
 - Area Three: Teamwork and Organizational Relationships 3 Credit Hours**
 - Organizational Communication (ORCO 3240)
 - Small Group Communication
 - Integrated Corporate Communication (COMM 3010)
 - Psychology of Stress Management
 - Developing Volunteer Programs
 - Professional Development
 - Area Four: Statistical Methods 3 Credit Hours**
 - Social Statistics (SOAA 3350)
 - Applied Sociology
 - Introduction to Social Research (SOC 4510)
 - Basic Statistics for Behavioral Science
 - Public Relations Research (JOUR 3410)
 - Area Five: International Context 3 Credit Hours**
 - International Relations (POLS 4508)
 - International Communication
 - Latin America: The Countries and Peoples (SPAN 3550)
 - International Law (PISI 435)
 - Sociology of Mass Communication
 - International Health: Problems and Issues (PUBH 4707)
 - International Political Economy (PS 3510)
 - Mass Media and Cultures (PSCI 3010)
 - Comparative Politics (PSCI 3010)

The student chooses two courses from Area Six:

Area Six: Written Communications 6 Credit Hours

- Technical and Professional Writing
- Computers, Writing, and Literature (ENGL 3134)
- Professional Communication (ENGL 3250)
- Professional Writing (ENGL 4100)
- Public Relations Writing (JOUR 3421)
- Software and Technical Writing
- Technical Communication (ENTC 3030)
- Written Professional Communication

3. Concentrations. Students will choose to complete one of the following 21-credit concentrations.

Information Technology 21 Credit Hours

Computer Languages 3

- CIS 1610 Programming in C++ **OR**
- CIS 209 Java Programming I

Management of Information Systems Overview 3

- PTMA 3020 Managing Information Technology **OR**
- MGMT 3220 Management of Information Systems

Files/Operating Systems 3

- CS 305 Programming Languages **OR**
- INFS 3700 Intro. to Systems Analysis and Design

Database Management 3

- CSCI 3222 Database Management Systems

Network Design and Management 3

- INFS 4900 Seminar in Data Communications

Software - Analysis and Design 3

- CSC 3700 Software Analysis and Design **OR**
- UNIV 4706 Managing Software Development

Capstone 3

- B.S.P.S. 4210 Professional Field Experience 3

or

Organizational Leadership 21 Credit Hours

- Management of Human Resources (BMGT 3630) 3
- Cultural Diversity (SW 3200) 3
- Introduction to Public Relations (JOUR 3400) 3
- Corporate Etiquette (MGMT 4547) 3
- Psychology of Personality (PSY 3590) 3
- Abnormal Psychology (PSYC 3210) 3
- Capstone (B.S.P.S. 4210) 3

- 4. Guided Electives.** The maximum total of electives is 37 hours.
- 5.** All other graduation requirements of the university must be met. See index for listing of these requirements in front section of the catalog.
- 6. Total Credit Hours.** A total of 120 credit hours are required.

Clemmer College of Education
Box 70685**Phone: (423) 439-7626****Web address: <http://coe.etsu.edu>**

Accredited by: National Council for Accreditation of Teacher Education (NCATE); Tennessee State Board of Education Memberships: American Association of Colleges of Teacher Education Organization

The college includes the departments of Curriculum and Instruction (Interdisciplinary Studies in Education [elementary], secondary teaching, reading, instructional media, instructional technology, and science education); Human Development and Learning (early childhood education, foundations of human development and learning, counseling, and special education); Kinesiology, Leisure and Sport Sciences (physical education, exercise science, and sport management and leisure services), and Educational Leadership and Policy Analysis (beginning administrator). There is also a concentration at the doctoral level for persons in postsecondary and private sectors who do not have teacher certification.

The ETSU Child Study Center is operated as a part of the early childhood education program. In addition, University School, a campus school, grades K-12, is operated in association with the Clemmer College of Education.

For a listing of majors, degrees, and concentrations, see the section of Degrees and Graduation Requirements and subsection Majors, Degrees, and Concentrations.

Teacher Education

The university is approved for the offering of courses appropriate to initial teacher licensure, renewal of the Teachers Professional Certificate, and planned added endorsements. Policies of the Tennessee State Board of Education and of East Tennessee State University must be followed in completing programs leading to the university's recommendation for teacher licensure.

Entering students who are pursuing degrees leading to teacher licensure in elementary education, early childhood education, physical education, or special education are classified as Pre-Education (PRED) until they meet the requirements for admission to teacher education (see below). These students receive advising from the Office of Student Services located in room 321 of Warf-Pickel Hall. Once students are formally admitted to Teacher Education, they declare a major in early childhood education, interdisciplinary studies in education, special education, or physical education and are assigned a faculty advisor for their program.

Students who want to teach in an area usually taught in secondary schools major in the teaching content area (ex. History). Initial advising for students in secondary education is provided by personnel in the department that offers the teaching major or minor (or area concentration). Advising is available from Clemmer College of Education personnel for secondary education students who identify themselves to the Clemmer College of Education. A professional advisor is available in room 321 of Warf-Pickel Hall. All students should check with their advisors frequently to make sure they are completing the correct requirements for their particular situations.

All students planning to teach must be formally admitted to the university's approved teacher education program as described in this section of the catalog. One prerequisite for teacher education is a satisfactory performance on a prescribed test of basic skills mandated by the Tennessee State Board of Education.

A post-baccalaureate non-degree program is available to students holding the bachelor's degree who want to become eligible for initial classroom teacher licensure in special education. Those students must meet all requirements for admission to teacher education as well as other requirements for the bachelor's degree for teachers. In all other licensure areas, the Clemmer College of Education requires the completion of an appropriate second bachelor's or master's degree for initial certification of individuals who hold a non-teaching baccalaureate degree. For further

information consult the professional advisor of the Clemmer College of Education, 321 Warf-Pickel Hall.

Responsibilities of the Clemmer College of Education include planning, coordinating, and implementing all university teacher education programs leading to initial or advanced preparation of public school teachers or school service personnel; providing professional services as requested by schools in the service area of the university; providing or assisting in the provision of appropriate in-service and professional development activities as requested; and planning and conducting research and development studies growing out of needs identified in academic programs or in the public schools.

Title II Report Information

As required by Title II of the federal Higher Education Act, East Tennessee State University reports the results of candidate performance on state licensing examinations. This information is reported to the state in an Institutional Report that is submitted annually.

For the 2006-2007 academic year, ETSU's "Summary Pass Rate" was 100%. This compares to a statewide summary pass rate of 97%.

The Title II report can be accessed at <http://www.etsu.edu/coe/TitleII>.

Non-teaching Programs

In addition to those majors and concentrations leading to teacher licensure, the College offers additional majors and concentrations that do not have a teaching focus. The Department of Human Development and Learning offers three non-teaching major/concentrations. These are the early childhood development (general) concentration in the early childhood development major and the human services major. The Department of Kinesiology, Leisure and Sport Sciences offers two non-teaching concentrations. These are: a) exercise science and b) sport management and park and recreation management. Admission to these concentrations may take place at the time of admission to the university. Advisement is provided by faculty in the respective departments.

Center for Early Childhood Learning and Development

The Center for Early Childhood Learning and Development operates a model early childhood program for both infants and toddlers and an early learning program for children ages 3, 4, and 5. The programs are designed to include both normally developing and young children with disabilities. The center is used in preparing students to work in early childhood development and other related areas. Students may observe and participate in both center programs. For additional information call (423) 439-7555.

A child care program, Little Buccaneers Student Child Care Center, specifically designed to meet the needs of ETSU students, opened in June 1997. ETSU students can enroll their children for blocks of time each semester that would accommodate their child care needs while attending classes and during study times. This program is supported by the Student Activities Allocation Committee and ETSU. Information for this program can be obtained by calling 439-7549.

Pre-Teacher Education – Declaration of Intent

All ETSU students desiring to complete a teacher education or other public school licensure program (for initial licensure, add-on endorsement, or advanced study in education) must file a Declaration of Intent in the Office of Student Services, 321 Warf-Pickel Hall. The Declaration of Intent should be filed before 30 credit hours of coursework have been completed or, in the case of transfer and post-baccalaureate students, in the first semester at ETSU. Delay or failure to file the Declaration of Intent may result in incomplete advisement. Students who have not filed the Declaration of Intent will not be considered for admission to teacher education and may be ineligible to enroll in many professional education courses.

Who must file a Declaration of Intent?

- undergraduates pursuing first-time teaching licensure
- transfer students pursuing first-time teaching licensure
- post-baccalaureate students pursuing first-time teaching licensure or additional endorsements; and
- students enrolled in master's degree programs desiring to earn teacher licensure or additional public school endorsement

Admission to Teacher Education

Students admitted to Teacher Education must:

1. Make formal application to the College of Education Teacher Education Program.
2. Complete 32 credit hours of General Education courses including the following: Writing (6 hrs.); Sciences (8 hrs.); Mathematics (3 hrs.); and 15 additional hours chosen from History, Humanities and Fine Arts, and Social and Behavioral Sciences.
3. Achieve a GPA of at least 2.50 on all general education coursework attempted as reflected in the calculated grade point average, excluding Developmental Studies courses and CSCI 1100.
4. Meet standardized test requirements [either ACT composite score of at least 22; or S.A.T. combined score of at least 920 (1020 if taken after 4/1/95); or minimum Praxis I scores for Reading (174, PPST or C-PPST), for Math (173, PPST or C-PPST), and for Writing (173, PPST or C-PPST)].
5. Submit a portfolio as initiated in EDFN 2100 Orientation to the Profession of Education and EDFN 2300 Foundations for Teaching.
6. Complete a successful interview with the College of Education Admission Board.
7. Demonstrate good moral character and freedom from any condition that would impair effectiveness as a teacher.¹
8. Complete EDFN 2100 Orientation to the Profession of Education with a grade of C or better and EDFN 2300 Foundations for Teaching with a grade of C or better. (Early Childhood majors must complete ECED 2150 Foundations for Early Childhood with a grade of C or better.)
9. Complete CSCI 1100 Using Information Technology or pass proficiency exam.
10. Complete a background check and receive clearance. (This must be initiated in the Clemmer College of Education Advisement Office, room 321, Warf-Pickel Hall, and must be completed four weeks prior to submitting a teacher education application.)

Because of the nature of the program, the university reserves the right to change the requirements in the teacher education program at any time when it is needed to meet state licensure standards.

Following admission to teacher education, students may declare a major in early childhood education, interdisciplinary studies in education, physical education (K-12 licensure), or special education.

¹ Applicants will complete a speech and hearing screening and be informed of any condition that may require modifications or accommodations and sign a notarized statement of character.

Requirements for Entering Teacher Training Programs

1. All students wishing to enter approved teacher training programs shall be required to:
 - A. Agree to the release of all investigative records to the administrator of the selected teacher training program;
 - B. Supply a fingerprint sample and submit to a criminal history records check to be conducted by the Tennessee Bureau of Investigation (TBI); and
 - C. Sign an authorization and release form provided by the department or board, authorizing a qualified Tennessee licensed private investigation company by and on behalf of the board to complete a criminal history records check.
2. As used in subdivision (a)(l), "qualified Tennessee licensed private investigation company" means a company that is licensed by the department of commerce and insurance, insured with at least three million dollars (\$3,000,000) worth of errors and omissions insurance and carries sufficient indemnification coverage.
3. Any reasonable costs incurred by the TBI in conducting an investigation of an applicant shall be paid by the applicant. The applicant shall be provided a copy of all criminal history records check documentation. In lieu of additional criminal history records checks for subsequent applications to the selected teacher training program, the applicant may submit copies of the applicant's initial

criminal history records check documentation and shall not be required to pay any additional costs.

4. Any criminal history records check performed pursuant to this section shall not be submitted and used for the criminal history records check required under ' 49-5-4 13 for employment by an LEA or child care program as defined in ' 49-1-1 102. [Acts 2007, ch. 454, ' 1.]

Directed Student Teaching

All requirements for unconditional admission to teacher education must have been completed before enrolling in student teaching. Prior to admission to student teaching, students shall declare the areas in which they seek recommendation for licensure. Students will be placed in their major fields as well as other areas in which recommendation for licensure is sought with the approval of the appropriate department. ETSU will not recommend initial endorsement for areas that have not been declared before directed student teaching.

Students declaring a second field must have completed at least two-thirds of this requirement, as well as lower-division cognate courses, before being eligible for directed student teaching.

Applications for admission to the directed teaching program should be submitted to the Director of Field Services, 321 Warf-Pickel Hall, during the first week of the semester preceding the semester in which placement is requested. Students will not normally be placed earlier than one full semester following official acceptance of the application. Applications will be processed according to filing date. Students who delay applying for admission to teacher education, who delay in completing requirements, or who delay in applying for student teaching should be aware that they will be considered for placement on a space-available basis only.

Applications should indicate preference for placement in the locations being used in the semester concerned. However, the university reserves the right to exercise its best judgment in final determination of student placement based on student performance, teaching situations available, the number of applicants for a specific instructional area, and personal hardships.

A minimum academic average of 2.50 overall, in professional education courses (with no grade below C-), and in all areas for which endorsement is sought (with no grade below C-) is required for admission to student teaching. Candidates who student teach beginning fall 2001 are required to meet state mandated test score requirements on the Praxis II (formerly NTE) examination no later than two weeks prior to student teaching.

Applications must be endorsed by the major department not only for academic qualifications but also for physical, moral, and emotional health qualities appropriate to the teaching profession. If a second field is sought, the applicant must also have the endorsement of that department.

Questions regarding clarification of these policies should be referred to the Director of Field Services.

LICENSURE

Elementary teacher education students must complete the approved sequence of courses described in the Department of Curriculum and Instruction section.

Secondary teacher education students at East Tennessee State University must complete an approved teaching major or an approved teaching concentration. If other areas of licensure are sought, the appropriate approved program must be completed.

The initial Tennessee teacher's license will be issued only to those applicants who have completed a teacher preparation program in a Tennessee higher education institution approved by the Tennessee State Board of Education for the preparation of teachers in the area of licensure sought.

If the initial license is not obtained following completion of the approved program, requirements in effect at the time of application must be satisfied. In all cases, current state licensure requirements must be met regardless of when the student enters the program.

A person who holds a Tennessee Teachers Professional License may add teaching area endorsements by completing teacher education add-on

programs after the original license has been issued. Such programs include the addition of a secondary endorsement to an elementary license or the addition of an elementary endorsement to a secondary license. A person who holds a Tennessee Teachers Professional License and wishes to add an endorsement in another teaching area should contact the certification analyst, room 323C, Warf-Pickel Hall.

All applicants for a teaching license in Tennessee must submit satisfactory scores on specified Praxis II tests. Applicants should request that a copy of their test scores be sent to:

East Tennessee State University
 Recipient Code #1198

Request current information about Tennessee test requirements at the Office of Education Student Services, Room 321, Warf-Pickel Hall. Upon completion of an ETSU teacher preparation or other school licensure program, application for Tennessee licensure must be submitted to Angela Murray, Certification Analyst, room 323C Warf-Pickel Hall. Contact Ms. Murray for application forms and instructions. Phone (423) 439-7562 or email murrayp@etsu.edu. Licensure renewal information is available at www.state.tn.us/education/lic.

Following is a list of the teacher education areas in which we have licensure programs available:

Education Licensure

- Early Childhood Education PreK-3
- Elementary Education K-6
- English 7-12
- Foreign Language (*French, German, Spanish*) 7-12
- Health K-12
- Mathematics 7-12
- Music Education (*Vocal, Instrumental*) K-12
- Physical Education K-12
- Psychology 9-12
- School Social Worker PreK-12
- Biology, Chemistry, Physics, Earth Science 7-12
- History, Gov./Political Science, Geography, Economics 7-12
- Sociology 9-12
- Special Education
 - Modified K-12
 - Comprehensive K-12
 - Preschool/Early Childhood (graduate) PreK-3
- Speech Communication 7-12
- Speech/Language Pathology (*master's program, only*) PreK-12
- Technology Engineering 5-12
- Theatre K-12
- Visual Arts K-12

In addition to the above programs for initial licensing, the college offers “add-on” endorsements in many of these areas. An appropriate initial license must be verified in order to apply for an “add-on”. Consult the certification analyst for information about specific programs.

The college also offers extensive graduate work, including school licensing programs in counseling, reading, library media, and administration. Consult the Graduate Catalog for details.

**Department of Curriculum and Instruction
 (CUAI, MEDA, READ, SCED)**

Box 70684 Phone: (423) 439-7587

Chair: Dr. Rhona Cummings

Phone: (423) 439-7595
 email: cummingsr@etsu.edu

Program Coordinator: Dr. Edward J. Dwyer

Phone: (423) 439-7593
 email: dwyer@etsu.edu

The Department of Curriculum and Instruction offers approved teacher education programs that lead to a Bachelor of Arts or Bachelor of Science

degree and licensure in the state of Tennessee. A program is offered in Interdisciplinary Studies in Education (elementary education K-6), as well as courses required for licensure in fields of secondary education and K-12 teacher education. A Master of Arts in Teaching degree is offered for liberal arts graduates to obtain teaching licenses at either the elementary or secondary level.

**Interdisciplinary Studies in Education
 (ISED/Elementary Education)**

Teacher education students who will follow the 2010 catalog must complete the major as follows. Specific general education core courses are mandated for all students who wish to complete the Interdisciplinary Studies in Education program.

TBR General Education Requirements 41-42 Credit Hours

- ENGL 1010 Critical Reading & Expository Writing 3
- ENGL 1020 Critical Thinking & Argumentation 3
- Communication: Oral Communication* 3

Choose one of the following:

- SPCH 1300 General Speech
- SPCH 2300 Public Speaking
- SPCH 2320 Argumentation and Debate
- Mathematics 3-4

Choose one of the following:

- MATH 1530 Probability and Statistics
- MATH 1840 Analytic Geometry & Differential Calculus
- MATH 1910 Calculus I
- HIST 2010 The United States to 1877 3
- HIST 2020 The United States Since 1877 3
- Sciences 8

Choose one course from BIOL and one course from CHEM

- BIOL 1310/11 Concepts in Biology
- BIOL 1020/21 Biology for Non-Majors & Lab and
- CHEM 1030 Introduction to Chemistry or
- BIOL 1110/11 Biology I Lecture and Lab
- CHEM 1110/11 General Chemistry & Lab
- Literature* 3
- Fine Arts 3

Choose one of the following:

- ARTH 2010 Art History Survey I
- ARTH 2020 Art History Survey II
- Humanities* 3
- Social/Behavioral Sciences 6

Choose one course from:

- ECON 1050 Economics and Society
- ECON 2210 Principles of Economics I
- And one from:
- PSCI 1110 Political Life
- PSCI 1120 Introduction to American Government

*See TBR General Education Core Requirements.

Professional Education 38 Credit Hours

- EDFN 2100 Orientation to the Prof. of Ed 1
- EDFN 2300 Foundations for Teaching 2
- EDFN 3301 Issues in Education 3
- HDAL 3310 Educational Psychology 3
- SPED 2300 Exceptional Learners 3
- MEDA 3570 Educational Technology 2
- CUAI 4310 Integrated Teaching – Mathematics 3
- CUAI 4210 Integrated Teaching – Language Arts 3
- CUAI 4220 Integrated Teaching – Social Studies 3
- CUAI 4241 Performance Assessment in Clinical Settings 3
- CUAI 4580 Student Teaching 12

Interdisciplinary Studies in Ed. Major 41 Credit Hours

Mathematics 6 Credit Hours

- MATH 1410 Number Concepts & Algebraic Structures 3
- MATH 1420 Logic and Problem Solving 3
- (General Education Science plus the following to total 15 credits)
- SCED 4020 Wildlife Conservation 3
- SCED 4321 Exploring and Discovery in Science 4

Social Studies 6 Credit Hours

Choose:

GEOG 1012 Introduction to Cultural Geography

AND

One course from:

SOCI 1020 Introduction to Sociology

ANTH 1240 Introduction to Cultural Anthropology

SOCI 2020 Social Problems

Language Arts 16 Credit Hours

READ 3000 Current Issues in Literacy 1

READ 3100 Early Literacy 3

READ 3200 Expanding Literacy 3

READ 4026 Assessment & Enhancement of Children's Literacy 3

READ 4146 Storytelling and Literacy 3

READ 4626 Materials for Children's Literacy 3

Electives 6

Select two (2) courses as electives from the following:

ASTR, ARTA, CUIAI, ENGL, GEOL, HUMT,

MATH, MUSC, PHIL, PHYS, or THEA

Interdisciplinary Studies in Education majors interested in 5-8 specialization should contact the professional education advisor in room 321, Warf-Pickel Hall in the College of Education.

Total Hours Required for Degree 120 Credit Hours

Please read carefully the following information:

Interdisciplinary Studies in Education majors are required to complete the Initial Level Portfolio for presentation to the Department of Curriculum and Instruction Admission Board, an Evaluative Level Portfolio presentation, and the Student Teaching Portfolio for presentation to a panel of peers and faculty.

Retention Criteria

1. Review of students' grades and personal/professional functioning will be undertaken. Coursework, fieldwork, and any other pertinent factors will be considered by the faculty of the Department of Curriculum and Instruction. Recommendations will be made for continuance in the program, continuance with specified remediations, or discontinuance.
2. During the semester prior to student teaching, each student will be evaluated. Factors to be considered will be coursework, field experiences, ethical behavior, and personal/professional concerns. The review will culminate in either approval for entry into student teaching or disapproval. A disapproval will result in a conference with the student and a description of necessary remedial steps. All remedial conditions must be removed prior to student teaching.

**Suggested Course Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
BIOL 1020/21	Biology for Non-Majors Lecture & Lab II	4
MATH 1530	Probability & Statistics - Non-Calculus	3
HIST 2010	The United States to 1877	3
EDFN 2100	Orientation to the Profession of Ed	1
Fine Arts		3
Semester Total		17

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
CHEM 1030	Introduction to Chemistry Survey	4
HIST 2020	The United States Since 1877	3
SPCH 1300, 2300, or 2320		3
EDFN 2300	Foundations for Teaching	2
Semester Total		15

Sophomore Year

First Semester		Credit Hours
HDAL 3310	Educational Psychology	3
Literature		3
Humanities		3
Social/Behavioral Sciences		3
MATH 1410	Number Concepts & Algebraic Structure	3
READ 3000	Current Issues in Literacy	1
Semester Total		16

Second Semester		Credit Hours
SPED 2300	Exceptional Learners	3
Social/Behavioral Sciences		3
MATH 1420	Logic/Problems/Geom.	3
READ 3100	Early Literacy	3
Major Social Studies		3
Semester Total		15

Junior Year

First Semester		Credit Hours
READ 3200	Expanding Literacy	3
SCED 4020	Wildlife Conservation	3
EDFN 3301	Issues in Education	3
Major Social Studies		3
READ 4146	Storytelling and Literacy	3
Semester Total		15

Second Semester		Credit Hours
SCED 4321	Exploring and Discovery Science	4
READ 4626	Materials for Children's Literacy	3
MEDA 3570	Educational Technology	2
Major Elective		3
Major Elective		3
Semester Total		15

Senior Year

First Semester		Credit Hours
CUIAI 4240	Methods and Materials in Curriculum Instruction	9
CUIAI 4241	Perf. Assessment in Clinical Settings	3
READ 4026	Assessment & Enhancement of Literacy	3
Semester Total		15

Second Semester		Credit Hours
CUIAI 4580	Student Teaching	12
Semester Total		12
Total		120

**Professional Education Requirements for
Secondary and K-12 Students**

The professional education requirements for secondary and K-12 students are met by completing the Teaching Education minor (see Human Development and Learning) and the professional semester (CUIAI 4580 - Student Teaching). Students are required to submit a professional portfolio for admission to teacher education.

Retention Criteria

1. Review of students' grades and personal/professional functioning will be undertaken. Coursework, fieldwork, and any other pertinent factors will be considered by the faculty of the Department of Curriculum and Instruction. Recommendations will be made for continuance in the program, continuance with specified remediations, or discontinuance.
2. During the semester prior to student teaching, each student will be evaluated. Factors to be considered will be coursework, field experiences, ethical behavior, and personal/professional concerns. The review will culminate in either approval for entry into student teaching or disapproval. A disapproval will result in a conference with the student and a description of necessary remedial steps. All remedial conditions must be removed prior to student teaching.

Reading (READ)

The Reading Program offers courses in reading and storytelling that are required for licensure. Elective courses at the undergraduate level are provided for those interested in any aspect of teaching reading.

Science Education (SCED)

The Science Education Program offers an approved teacher education program leading to 7-12 licensure in a primary discipline such as biology, chemistry, physics, or earth science. After completing the program for one of the approved disciplines, the student would be eligible for licensure in the primary discipline, middle school science (7th and 8th), and physical science. Please note that a minor is required.

The entire program consists of the general education core for secondary and K-12 teachers, the professional education requirements, the general science basic core, and a specialization in one of the basic sciences. Students should confer with the appropriate discipline advisor, the science education advisor, and the College of Education professional advisor.

Educational Media and Educational Technology (MEDA)

The Educational Media and Educational Technology program offers courses in both school library media and technology.

The Educational Media and Educational Technology program offers coursework required for school library media specialist licensure for the state of Tennessee.

**Department of Human Development and Learning
(ECED, EDFN, HDAL, SPED)**

Box 70548

Phone: (423) 439-7688

Chair: Dr. Patricia Robertson

email: robertpe@etsu.edu Phone: (423) 439-7693

Human Development and Learning offers programs that focus on the application of development, learning, and other psychological principles in a wide variety of settings including home, school, and community. Courses in the behavioral sciences are provided both for majors and students in other academic areas. Areas of emphasis include developmental, educational and applied psychology, psychological assessment, counseling, early child development, and special education.

The Department of Human Development and Learning offers three undergraduate programs leading to the Bachelor of Science degree: early childhood development, foundations of human development and learning, and special education. The department offers individuals holding professional teaching certification an opportunity to add an endorsement in special education and early childhood. Also offered are programs leading to the master of arts degree in early childhood, school counseling, marriage and family therapy, community agency counseling, special education, and a Ph.D. in Early Childhood.

Students failing to demonstrate ethical and/or professional behaviors, as required by either the appropriate professional associations and/or the National Educational Association, upon review and substantiation (with due process), may be denied continuance in departmental programs. If intervention is indicated and completed, the student may petition the department for readmission.

**Early Childhood Development
(ECED)**

Program Coordinator: Dr. Pamela Evanshen

email: evanshep@etsu.edu Phone: (423) 439-7694

The Department of Human Development and Learning in the Clemmer College of Education offers an interdisciplinary undergraduate program leading to the Bachelor of Science degree in early childhood development. The program is designed to provide academic preparation in the growth and development of young children (0-8), their families, and environmental factors influencing their development. This major leads to licensure in PreK-3 in the state of Tennessee.

Advising: Each student will be assigned a faculty advisor when he or she enters the early childhood development program. Beyond the major requirements, the students and their advisors will determine the courses needed that are consistent with the students' professional interests and goals.

Early Childhood Development (PreK-Grade 3 Licensure)

This program in early childhood is designed to meet the state competencies for licensure in PreK-3. It includes courses in early childhood development, a professional education component, and a student teaching experience in both PreK-K and grades 1-3.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
	Communication: Oral Communication*	3
	Mathematics*	3-4
	Natural Sciences*	8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences*	6

*See the General Education Core Requirements.

Professional Studies 24 Credit Hours

EDFN 2100	Orientation to Professional Education	1
EDFN 2300	Foundations for Teaching	2
EDFN 3301	Issues in Education	3
HDAL 2310	Developmental Life-Span Psychology	3
SPED 2300	Exceptional Learners in Schools & Comm.	3
ECED 4347	Technology & Media in Inclusive ECED	3
ECED 4517	Family-School-Community Involvement	3
CUAI 4517	Math Methods for Early Childhood	3
CUAI 4547	Emergent Literacy	3

Major in Early Childhood Development 27 Credit Hours

ECED 2010	Healthy & Safe Settings for Young Children	3
ECED 2110	Infant/Toddler/Child Development	3
ECED 2150	Foundations of Early Childhood Development	3
ECED 3140	Guiding Young Children	3
ECED 3220	Designing Physical Environments	3
ECED 4010	Observing & Assessing Young Children	3
ECED 3150	Creative Development in Young Children	3
ECED 4150	Literacy for Young Children	3
ECED 4140	Program Development for Young Children	3

Concentration in Early Childhood Education (ECDP) 28 Credit Hours

MATH 1410	Number Concepts & Algebraic Structures	3
ECED 3160	Body/Brain Based Learning	3
SPED 3322	Early Intervention for Exceptional Children	3
ECED 4130	Prof. Issues in Early Childhood Educ.	3
ECED 4161	Curriculum Development	3
ECED 4580	Student Teaching in Early Childhood	12
Elective		1

Total Hours Required for Degree 120

Admission: Any student who chooses to pursue early childhood for licensure in PreK-3 must apply for admission to the Teacher Education Program.

Transfer Students: Transfer students should apply for admission into the program and meet with an early childhood development advisor to plan their program. These students must meet the requirements of the university regarding transfer and program admission.

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
Humanities/Fine Arts Elective	3
MATH 1530 Probability and Statistics	3
Science	4
Social/Behavioral Sciences Elective	3
Semester Total	16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
Science	4
EDFN 2100 Orientation to Profession of Teaching	1
ECED 2110 Infant/Toddler/Child Development	3
ECED 2150 Foundations of Early Childhood Development	3
Humanities	3
Semester Total	17

Sophomore Year

First Semester	Credit Hours
Oral Communication Elective	3
EDFN 2300 Foundations of Teaching	2
HIST 2010 The United States to 1877	3
HDAL 2310 Developmental Psychology	3
Humanities/Fine Arts Elective	3
Elective	1
Semester Total	15

Second Semester	Credit Hours
EDFN 3301 Issues in Education	3
HIST 2020 The United States Since 1877	3
ECED 2010 Healthy & Safe Environments	3
Social/Behavioral Sciences	3
ECED 3140 Guiding Young Children	3
Semester Total	15

Junior Year

First Semester	Credit Hours
ECED 3150 Creative Development	3
ECED 3220 Designing Physical Environments	3
SPED 2300 Exceptional Learners	3
MATH 1410 Number Concepts	3
ECED 4347 Technology & Media in Inclusive ECED	3
Semester Total	15

Second Semester		Credit Hours
CUAI 4517	Math Methods for Early Childhood	3
CUAI 4547	Emergent Literacy for EC	3
ECED 3160	Body/Brain Based Learning	3
ECED 4140	Program Development for Young Children	3
SPED 3322	Early Intervention of Exceptional Children	3
Semester Total		15

Senior Year		Credit Hours
First Semester		
ECED 4150	Literacy in Young Children	3
ECED 4161	Curriculum Development for Young Children	3
ECED 4130	Professional Issues in Early Childhood	3
ECED 4517	Family/School/Community Involvement	3
ECED 4010	Observing & Assessing Young Children	3
Semester Total		15

Second Semester		Credit Hours
ECED 4580	Student Teaching in Early Childhood	12
Semester Total		12
Total		120

Early Childhood Development

This is an interdisciplinary degree that combines the early childhood offerings in Human Development and Learning along with a designated minor. This major is not designed for licensure.

A minimum of 34 hours is required for this program in early childhood development plus a six-hour practicum/field experience. Students must have earned a grade of C or higher in all courses included in the undergraduate major in early childhood development. In addition, students need to declare a minor.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading and Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication: Oral Communication*		3
Mathematics*		3-4
Natural Sciences*		8
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*		3
Fine Arts*		3
Humanities*		3
Social/Behavioral Sciences*		6

*See the General Education Core Requirements.

Major Requirements 27 Credit Hours

ECED 2010	Healthy and Safe Settings for Young Children	3
ECED 3150	Creative Development of Young Children	3
ECED 3220	Designing Physical Environments	3
ECED 4010	Observing and Assessing Young Children	3
ECED 4140	Program Development for Young Children	3
ECED 4150	Literacy in Young Children	3
ECED 2110	Infant/Toddler/Child Development	3
ECED 2150	Foundations of Early Childhood	3
ECED 3140	Guiding Young Children	3

Concentration in Early Childhood (ECEG) 24 Credit Hours

ECED 3160	Body-Brain Based Learning	3
ECED 4257	Mentoring in Early Childhood	3
ECED 4347	Technology & Media in IECE	3
ECED 4357	Administration & Mgmt. of ECP	3
ECED 4517	Family/School/Community	3
NTFD 4537	Field Studies	3
ECED 4570	Practicum in Early Childhood	3
SPED 3322	Early Intervention Strategies for the Exceptional Child	3

Minor Requirements 18-24

Electives 0-10

Total Hours Required for Degree 120 Credit Hours

Suggested Semester Schedule

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
Humanities/Fine Arts Elective		3
MATH 1530	Probability and Statistics	3
Science Elective		4
Social/Behavioral Sciences Elective		3
Semester Total		16

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
Science		4
ECED 2110	Infant/Toddler/Child Development	3
ECED 2150	Foundations of Early Childhood	3
Fine Arts		3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
Communication: Oral Communication		3
HIST 2010	The United States to 1877	3
Literature		3
Minor		3
Elective		3
Semester Total		15

Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
ECED 2010	Healthy and Safe Environments	3
ECED 3140	Guiding Young Children	3
Social/Behavioral Sciences Elective		3
Minor		3
Semester Total		15

Junior Year

First Semester		Credit Hours
ECED 3150	Creative Development in Young Children	3
ECED 3220	Designing Physical Environments	3
ECED 4347	Technology & Media in Inclusive ECED	3
Minor Requirement		6
Semester Total		15

Second Semester		Credit Hours
ECED 3160	Body/Brain Based Learning	3
ECED 4140	Program Development for Young Children	3
SPED 3322	Early Intervention of Exceptional Children	3
ECED 4257	Mentoring Young Children	3
Minor Requirement		3
Semester Total		15

Senior Year

First Semester		Credit Hours
ECED 4150	Literacy for Young Children	3
NTFD 4537	Field Studies	3
ECED 4010	Observing and Assessing Young Children	3
Minor Requirement		3
Elective		3
Semester Total		15

Second Semester		Credit Hours
ECED 4570	Practicum in Early Childhood Education	3
ECED 4357	Administration & Mgmt. of Early Childhood Programs	3
ECED 4517	Family-/School-Community Involvement	3
Electives		4
Semester Total		13
Total		120

Minor: A student majoring in this Early Childhood Development non-licensure program must select a minor in another area and meet the requirements of that specific program. A minor may include, but is not limited to, the following:

Art	Business
Music	Physical Education
Professional Studies	Psychology
Public Health	Social Work
Special Education	

Minor in Early Childhood Development 18 Credit Hours

ECED 2110	Infant/Toddler/Child Development	3
ECED 2150	Foundations of Early Childhood	3
ECED 4010	Observing and Assessing Young Children	3
ECED 4517	Family, Community, and School Involvement	3
ECED 4140	Program Development for Young Children	3
ECED 3150	Creative Development of Young Children	3
HDAL 4127	Divorce: Causes and Consequences	3

Graduate Study – The Department of Human Development and Learning offers a graduate program leading to a master’s degree in early childhood education. Further information on this program may be obtained from the School of Graduate Studies.

Educational Foundations (EDFN)

The mission and purpose of the foundations program unit in the College of Education is to plan, coordinate, and deliver educational experiences consistent with the college’s core requirements regarding knowledge, skills, and values deemed to be essential requisites for all of the college’s graduates.

We believe that all of the college's graduates should:

- demonstrate research competence (possess inquiry skills);
- demonstrate technological literacy;
- demonstrate effective communication skills;
- demonstrate grounding in historical, social, psychological, philosophical, political, and legal foundations related to their area of preparation;
- demonstrate an understanding of the challenges and opportunities surrounding issues of diversity and multiculturalism;
- demonstrate skills appropriate to leadership within the profession/field for which the graduate has been prepared; and
- demonstrate a knowledge of personal competencies and areas for continuing development.

The educational foundations unit plans, coordinates, and delivers courses and other educational experiences that help develop these skills, attitudes, and competencies in all students, graduate and undergraduate, across the college. The unit will also maintain a course listing and matrix of courses offered throughout the college that contributes to the acquisition of these competencies.

Foundations of Human Development and Learning

Program Coordinator: Dr. Jamie Kridler

Phone: (423) 439-7667 email: kridler@etsu.edu

The Foundations of Human Development and Learning program bases its mission in service to the academic, professional, and educational communities of the region and nation. The activities of this program are multiple, offering a baccalaureate in Human Services as well as minors in Human Development and Learning and Leadership Studies. Additionally, Educational Foundations is located here, providing teacher education courses foundational for preparation of teacher candidates in both undergraduate and graduate programs throughout the college. Courses in common for curriculum and instruction, early childhood, special education, and counseling programs contribute to competencies and qualifications in research, human development, and service. To the university, the program supports General Education requirements with SRVL 1020, HDAL 2310, and HDAL 2340.

Human Services (HSER)

The program in Human Services leads to the Bachelor of Science degree (B.S.) and is designed to provide a human and behavioral science background for persons interested in entering professions such as counseling, case management, teaching, program administration, and similar endeavors. Human service practitioners work in a variety of settings for a broad range of organizations dedicated to helping others transition through their developmental issues and processes.

Human service professionals are credentialed under the auspices of the National Organization of Human Services, a collaboration of over 1200 colleges and universities in the U.S. with degree programs in Human Services, in addition to human service practitioners throughout the country. The Southern Organization of Human Services represents the ETSU region. The Center for Credentialing and Education administers certification as a Human Services-Board Certified Practitioner (HS-BCP). Human service professionals compose the largest number and proportion of helping professionals, exceeding psychiatrists, psychologists, and social workers combined. All these professions work together in providing the best of care for people as they grow and develop through life.

Many graduates of Human Services continue their education beyond the bachelor's degree. Students often select the Human Services degree program in order to become licensed counselors, especially in school, marriage and family, community agency, and college/university settings. Students entering graduate programs in audiology and speech-language pathology, counseling, education, psychology, and related health professions regularly take Human Services coursework to prepare for their competencies.

Professional employment in Human Services is applied in treatment centers, hospitals, child and youth care facilities, community mental health

centers, licensed professional practice, colleges/universities, schools, academies, governmental and non-governmental organizations, institutions, group homes, foster and transitional care, in-home counseling, homeless and runaway shelters, community action agencies, wilderness and adventure programming, and similar programs for social and personal development.

Admission

1. Students are not formally admitted to the program until they have completed 30 credit hours; however, interested students are encouraged to seek advising earlier. Students seeking advising or admission should see the program coordinator.
2. A broadly based determination of the applicant's potential for academic and professional success will be made by departmental faculty. Factors considered for admission will include the applicant's academic record, entrance examination scores, career goals, and communication skills. The following indicators of academic performance will be given particular attention.
 - a. Scores on either the ACT or SAT will be considered in the context of the applicant's high school and college record. Students with ACT subscores of less than 19 (16 if the ACT was taken prior to 1989) or SAT subscores of less than 360 and students who have not taken the ACT or SAT may be required to complete a prescribed program of HDAL courses prior to a final decision for admission.
 - b. A grade point average of 2.50 on all college-level courses completed at the time of admission is a minimum criterion.
 - c. Effective communication skills are required. Students who lack acceptable communication skills but who are otherwise qualified for admission may be asked to complete certain courses or undergo other experiences in order to correct the noted deficiencies. Upon completion of the assigned remedial experiences, admission will either be granted, denied or additional work will be recommended.
3. Certain students who fail to meet minimum requirements for admission may be admitted on a probationary basis provided they have acceptable communication skills as noted above. Those students who present evidence of significant work experiences with children or adults, or those students whose admission test scores and/or grades are determined to have been diminished by cultural, linguistic, or certain educational factors may be admitted with the written understanding that they maintain a minimum grade point average of 2.50. Students who also lack acceptable communication skills must satisfy the requirements described in item 2(c), above, prior to probationary admission.

Course and Graduation Requirements

1. Two lower division prerequisites are required for entrance into certain of the major courses. The prerequisite courses include Child Psychology-HDAL 2320 or Developmental Life Span Psychology-HDAL 2310, and Elementary Statistics-PSYC 2810 or Probability and Statistics (Non-Calculus) -MATH 1530. The preceding required major courses and prerequisites, must be completed with a grade of C - or higher in order to be accepted for major credit. Otherwise they must be repeated.
2. In addition to the courses constituting the HSER major (and their prerequisites), students majoring in HSER are required to complete the university's general education core, a minor or second major, and electives chosen by the student and approved by the faculty advisor. In all, students must complete 120 credit hours (see typical program of study).

Minor (chosen from the list below) 18-26 hours

(If required, must be advised for requirements in minor by an advisor in that minor.)

- African and African American Studies
- Anthropology
- Appalachian Studies
- Applied Sociology
- Applied Spanish: Community Studies
- Communicative Disorders
- Criminal Justice and Criminology
- Early Childhood Development
- Environmental Studies

- International Studies
 - Leadership Studies
 - Leisure Services
 - Management
 - Psychology
 - Religious Studies
 - Social Work
 - Special Education
 - Women’s Studies
3. A minimum grade point average of 2.50 is required for all work completed at the time of graduation.
4. Provided they have satisfied all other university, college, and departmental requirements, students may be granted the Bachelor of Science degree if:
- a. they have completed the major described in item one above;
 - b. and the approved general education core and the minor or second major, and electives described in item two.

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010 Critical Reading and Expository Writing	3
ENGL 1020 Critical Thinking and Argumentation	3
Communication: Oral Communication*	3
Mathematics*	3-4
<i>(Recommend MATH 1530 as it is a pre-requisite for HDAL 4950.)</i>	
Natural Sciences*	8
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
<i>(HIST 2030, History of Tennessee may be substituted for 3 credits of U.S. History.)</i>	
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6
<i>(Recommend PSYC 1310, Introduction to Psychology and HDAL 2310, Developmental Psychology as they are pre-requisites for required HDAL courses.)</i>	

**See the General Education Core Requirements.*

Human Services Major Requirements 36 Credit Hours

To graduate with a degree in Human Services, students must earn a C- or better in all courses within the major and have a cumulative overall GPA of 2.5 or higher.

Be sure to check with an advisor to determine availability of classes. Not all classes meet every semester.

Human Services Core 18 Credit Hours

HDAL 2510 Introduction to Human Services	3
HDAL 2320 Child Psychology OR	
HDAL 2330 Adolescent Psychology OR	
HDAL 2335 Adult Development	3
HDAL 2340 Understanding Cultural Diversity	3
HDAL 3610 Counseling Theory and Practice	3
HDAL 4011 Developmental Psychology II	3
<i>(Pre-requisites: PSYC 1310 and HDAL 2310 or 2320)</i>	
HDAL 4950 Research in Learning and Development	3
<i>(Pre-requisites: PSYC 1310 and MATH 1530 or PSYC 2810)</i>	

Human Services Field Experience 6 Credit Hours

(Must take both courses.)

HDAL 4710 Human Services Practicum	3
HDAL 4720 Human Services Internship	3

Interdisciplinary Requirements 12 Credit Hours Total

Choose ONE of the four following groups. Substitutions must be approved by an advisor.

Group One – Human Development

Required 6

Select two of these, excluding the course from the Human Services Core.

HDAL 2320 Child Psychology	3
HDAL 2330 Adolescent Psychology	3
HDAL 2335 Adult Development	3

Guided Elective 3

Select one of the following:

HDAL 4666 Cultural Influences on Development	3
SOWK 3330 Cultural Diversity in Social Work Practice	3

Human Development Elective 3

Select one of the following:

ECED 2110 Infant/Toddler/Child Development	3
HDAL 4010 Managing Child Behavior	3
PUBH 4607 Gerontology and Health	3
PUBH 4357 Thanatology	3
SOWK 4567 Human Sexuality	3

Group Two – Social Services

Required 6

Must take both of the following:

SOWK 1010 Introduction to Social Work	3
SOWK 2500 Interviewing and Recording Skills	3

Guided Elective 3

Select one of the following:

SOWK 3000 Human Behavior/Social Environment	3
SOWK 4367 Seminar in Drug/Alcohol Abuse	3
SOWK 4517 Crisis Intervention	3
SOWK 4567 Human Sexuality	3
SOCI 4337 Social Psychology	3
PSYC 4320 Abnormal Psychology	3

Human Development Elective 3

Select one of the following:

HDAL 2330 Adolescent Psychology	3
HDAL 2335 Adult Development	3
HDAL 4666 Cultural Influences on Development	3

Group Three – Offender Services

Required 6

Must take both of the following:

CJCR 1100 Introduction to Criminal Justice	3
CJCR 2540 Criminal Law	3

Guided Elective 3

Select one of the following:

CJCR 3300 Criminal Justice Ethics	3
CJCR 3100 Criminology	3
CJCR 3500 Juvenile Justice: Theory & Practice	3
PSYC 4807 Forensic Psychology	3
SOCI 3320 Juvenile Delinquency	3
PSYC 4320 Abnormal Psychology	3

Human Development Elective 3

Select one of the following:

HDAL 2330 Adolescent Psychology	3
HDAL 2335 Adult Development	3
HDAL 4666 Cultural Influences on Development	3

Group Four – Health Services

Required 6

Must take both of the following:

PUBH 4030 Community Health	3
PUBH 4937 Stress Management	3

Guided Elective 3

Select one of the following:

PUBH 2120 School Health Education	3
ENVH 3010 Human Ecology and Environmental Education	3
SOCI 3060 Medical Sociology	3
PSYC 3700 Health Psychology	3
NTFD 3430 Community Nutrition	3
CDIS 4000 Communication Sciences and Disorders	3
PUBH 4007 Principles and Practices of Patient Education	3

Human Development Elective 3

Select one of the following:

PEXS 3032 Motor Development	3
HDAL 2330 Adolescent Psychology	3
ECED 2150 Foundations in Early Childhood	3

Minor Requirements 18-26 Credit Hours

Total Hours Required for Degree 120 Credit Hours

**Human Services
Suggested Semester Sequence
Freshman Year**

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
HDAL 2310	Developmental Psychology	3
Science	.....	4
Elective	.....	3
Humanities and Fine Arts	.....	3
Semester Total	.....	16

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
Humanities and Fine Arts	.....	3
Science	.....	4
HDAL 2340	Understanding Cultural Diversity	3
Elective	.....	3
Semester Total	.....	16

Sophomore Year

First Semester		Credit Hours
HDAL 2510	Introduction to Human Services	3
HIST 2010	The United States to 1877	3
MATH 1530	Probability and Statistics	3
Humanities and Fine Arts	.....	3
Communication: Oral Communication	.....	3
Semester Total	.....	15

Second Semester		Credit Hours
HDAL 2320	Child Psychology or	
HDAL 2330	Adolescent Psychology or	
HDAL 2335	Adult Development	3
HIST 2020	The United States Since 1877	3
Humanities and Fine Arts	.....	3
Minor Requirement	.....	3
Elective	.....	3
Semester Total	.....	15

Junior Year

First Semester		Credit Hours
HDAL 3610	Counseling Theory and Practice	3
Interdisciplinary Group Requirement for Major	.....	3
Minor Requirement	.....	3
Elective	.....	3
Elective	.....	1
Semester Total	.....	13

Second Semester		Credit Hours
HDAL 4011	Developmental Psychology II	3
Interdisciplinary Group Requirement for Major	.....	3
Minor Requirement	.....	3
Minor or Elective	.....	3
Elective	.....	3
Semester Total	.....	15

Senior Year

First Semester		Credit Hours
HDAL 4710	Practicum in Human Services	3
HDAL 4950	Research in HDAL	3
Interdisciplinary Group Requirement for Major	.....	3
Minor Requirement	.....	3
Minor/Elective	.....	3
Semester Total	.....	15

Second Semester		Credit Hours
HDAL 4720	Internship in Human Services	3
Interdisciplinary Group Requirement for Major	.....	3
Guided Research Independent Study (elective)	.....	3
Minor/Elective	.....	3
Elective	.....	3
Semester Total	.....	15
Total	.....	120

Human Development and Learning Minor

The minor in Human Development and Learning (HDAL) consists of 18 credit hours. Required courses make up twelve (12) of the credit hours. The other six (6) must be chosen from the guided electives. Nine (9) credit hours of the total minor must be Upper Division Courses.

Minor Requirements 18 Credit Hours

A grade of C - or above must be earned in all minor courses.

Required Courses

HDAL 2310	Developmental Lifespan Psychology	3
HDAL 4011	Developmental Psychology II	3
HDAL 4260	Learning in Human Development	3
HDAL 4950	Research in Learning and Development	3

Guided Electives (choose two)

HDAL 2320	Child Psychology	3
HDAL 2330	Adolescent Psychology	3
HDAL 3310	Educational Psychology	3
HDAL 4010	Managing Child Behavior	3
HDAL 4666	Cultural Influences in Development	3

Education Minor

The Education Minor is required for students seeking licensure with secondary and K-12 teaching fields listed below. Completion of the minor and CUA1 4580 - Student Teaching (12 hours) completes the professional education requirements for licensure. Students should contact the College of Education Professional Advisor in 321 Warf-Pickel Hall.

Teaching Edu. Minor Requirements 21-27 Credit Hours

Required courses for all students 17 Credit Hours

EDFN 2100	Orientation to the Profession of Teaching	1
EDFN 2300	Foundations for Teaching	2
EDFN 3301	Issues in Education	3
HDAL 3310	Educational Psychology	3
SPED 2300	Exceptional Learners in Schools & Comm.	3
MEDA 3570	Educational Technology	2
READ 4437	Reading Instr. in Middle/Secondary School	3

Additional Required Courses 3-10 Credit Hours

Students majoring in Biology, Chemistry, Physics, Geography, French, German, Spanish, English, History, Economics, Political Science, Mathematics, Speech, and Theatre 7 Credit Hours

CUAI 4417	Secondary Curriculum & Methodology	3
CUAI 4427	Sec. Curr. & Methodology Field Experience	1

and

SCED 4417 or LANG 4417 or ENGL 4417 or GEOG 4417 or HIST 4417 or MATH 4417 or SPCH 4417 or THEA 4417 3 (as appropriate to the teaching major)

Students majoring in Psychology, Sociology,

and Health 4 Credit Hours

CUAI 4417	Secondary Curriculum & Methodology	3
CUAI 4427	Sec. Curr. & Methodology Field Experience	1

Students majoring in Theatre 10 Credit Hours

CUAI 4417	Secondary Curriculum & Methodology	3
CUAI 4427	Sec. Curr. & Methodology Field Experience	1

and

SCED 4417 or LANG 4417 or ENGL 4417 or GEOG 4417 or HIST 4417 or MATH 4417 or SPCH 4417 3
THEA 4417 Teaching Theatre in Grades K-12 3

Students majoring in Art 3 Credit Hours

CUAI 4419	Teaching Art in Secondary Schools	3
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Interdisciplinary Minor in Leadership Studies

The minor in Leadership Studies is designed to provide students with the necessary knowledge, skills, and experiences to fulfill future community-based and business and leadership roles. Planned to complement any major at ETSU, the minor consists of 21 credits and eight experiences for a portfolio. Once the student has officially declared the intent to participate in the minor, a portfolio advisor will be assigned. It is recommended that a student begin work on the portfolio as soon as possible. Assignment of a community/campus mentor is ideally determined by the end of the junior year.

Two upper division courses are required of all students in the minor, MGMT 3000 and MGMT/ELPA 4460. These courses meet the required competency in leadership and management. Nine of the 21 credits are to be taken from the prescribed core competency areas below. Six additional credits must come from the list of focused competency electives to develop the students' understanding of leadership through multicultural, sociological, and experiential methods, no two courses from the same department. Details can be obtained from the Chairperson of Human Development and Learning.

Core Competency 21 Credit Hours

Ethics and Social Responsibility

Select one course from: 3

SRVL 1020	Introduction to Service-Learning
SPCH 4366	Communications Ethics
PHIL 4017	Ethical Theory
MGMT 3320	Management and Social Responsibility
ENGL 3150	Literature, Ethics and Values

Oral Communication; Select one course from:3
 MGMT 3200 Organizational Communication
 SPCH 2320 Argumentation and Debate
 SPCH 3380 Dynamics of Group Leadership
 SPCH 4346 Business and Professional Communication
 SPCH 4357 Communications in Organizations

Written Communications; Select one course from:3
 ENGL 3130 Advanced Composition
 ENTC 3030 Technical Communication
 JOUR 2120 Writing for Print Media

Focused Competency electives6
 List available from Leadership Minor advisor.

Required Portfolio – Students are asked to contact the Leadership Minor advisor.

**Special Education
(SPED)**

Box 70548 Phone: (423) 439-7688

Program Coordinator: Dr. Cynthia Chambers
 Phone: (423) 439-7686 email: chamberc@etsu.edu

Students receiving a B.S. in special education (SPED) will obtain licensure in both the Modified and Comprehensive concentrations. This licensure in the state of Tennessee enables students to teach K-12. The Modified concentration will enable students to provide direct services in resource room and inclusive classroom settings plus consultative services to teachers in regular classroom settings. The Comprehensive concentration enables students to provide direct intensive services in more restrictive settings such as a self-contained classroom or a segregated setting. Students may earn a bachelor's degree after four years.

In addition to initial licensure at the baccalaureate level, post-baccalaureate programs are provided for adding a special education endorsement to existing education licenses. Licensure in Early Childhood special education is available at this level. This license will enable professionals to provide intervention services to children with developmental delays and their families.

Special education licensure programs in Tennessee are non-categorical covering mental retardation, learning disabilities, physical and multiple handicapped, emotionally disturbed, and gifted/talented. Students planning to teach in those states requiring categorical certification should meet with their advisor(s) to plan their programs according to the certification/licensure requirements of those states.

Special education programs require a minimum of 120 clock hours in the field prior to the student teaching experience. Mentor teachers, as well as university supervisors, will be involved in the assessment of each prospective student teacher's overall competency in actual classroom settings. Records are maintained and skills and competencies are evaluated following each field experience. Students who have difficulties in field experiences may be required to complete additional hours in the field.

Admission, Student Teaching, and Retention Standards

Admission Procedures

Students must meet the requirements for admission to teacher education as developed by the Clemmer College of Education. Students majoring in special education, who desire admission to teacher education, must also meet the following conditions:

1. Successful completion of 32 credit hours of general education core, which includes completion of all English, Math, and Science coursework.
2. Grade point average of at least 2.50 in the above coursework.
3. Praxis I, or acceptable ACT, SAT, or PPST scores. (See standards as specified by the College of Education.)
4. Submission of a brief (2-3 pages) typewritten statement addressing reasons for choosing special education as a major field.

5. An interview with a panel, consisting of faculty from the special education program and representatives from community school districts.
6. Completion of EDFN 2100 and EDFN 2300 with a grade of C or better.

Following a review of the above by the special education faculty, the student will complete any additional coursework or remediation outlined by the SPED faculty. Admission to SPED is provisional.

Retention Criteria

1. Maintenance of 2.50 GPA in all coursework.
2. Special education courses with grades lower than C (2.0) must be repeated. In computing SPED grade point average (GPA) all grades received will be included.
3. Review of students' grades and personal/professional functioning will be undertaken each semester. The SPED faculty will consider coursework, fieldwork, and any other pertinent factors. Recommendations will be made at this time for continuance in the program, continuance with specified remediations, or discontinuance.
4. During the semester before the student teaching/internship experience, each student will be evaluated. Factors to be considered will be coursework, field placement experiences, ethical behavior, and personal/professional concerns as described in the International Council for Exceptional Children code of ethics. The review will culminate in either approval for entry into the student teaching/internship in SPED, or disapproval. A disapproval will result in a conference with the student and a description of the necessary remedial steps. All remedial conditions must be removed prior to the student teaching clinical internship experience.

Student Teaching Criteria

Students wishing to apply for student teaching in special education must meet the following conditions:

1. Admission to Teacher Education.
2. Completion of all educational and special education methodology classes.
3. Grade point average of at least 2.50 in all coursework.
4. Grades of C - or better in all special education coursework.

**SPECIAL EDUCATION
GRADUATION REQUIREMENTS**

TBR General Education Requirements 41 Credit Hours	
ENGL 1010 Critical Reading & Expository Writing	3
ENGL 1020 Critical Thinking & Argumentation	3
Communication: Oral Communication*	3
MATH 1530 Probability and Statistics	3
HIST 2010 The United States to 1877	3
HIST 2020 The United States Since 1877	3
Natural Sciences*	8
Literature*	3
Fine Arts*	3
Humanities*	3
Social/Behavioral Sciences*	6

**See TBR General Education Core Requirements.*

Professional Education Requirements 30 Credit Hours	
EDFN 2100 Orientation to Profession of Teaching	1
EDFN 2300 Foundations for Teaching	2
EDFN 3301 Issues in Education	3
READ 3100 Foundations of Reading or	
HDAL 4150 Literacy in Young Children or	
READ 4437 Reading for Middle & Secondary Schools	3
HDAL 2310 Developmental Psychology	3
HDAL 3310 Educational Psychology	3
SPED 2300 Exceptional Learners	3
SPED 4850 Student Teaching in Special Educ.	12

Additional Program Requirement 3 Credit Hours	
PUBH 2030 First Aid and Emergency Care	3

Special Education Core 24 Credit Hours

SPED 3300	Instructional Methodology in Special Education	3
SPED 3350	Medical Aspects in Special Education	3
SPED 3400	Behavior Management for Individuals with Disabilities	3
SPED 3410	Preclinical Experience in Behavior Management	1
SPED 3445	Assistive Technology	3
SPED 4477	Assessment in Special Education	3
SPED 4487	Collaboration with Families, Agencies, and Schools	3
SPED 4700	Adaptations & Modifications for the Inclusive Classroom	3
SPED 4710	Preclinical Experience in Special Ed	2

Special Education Concentration 19 Credit Hours

SPED 3365	Integrating Functional Skills into the Curriculum	3
CUAI 3430	Methods in Teaching Elementary Mathematics	3
SPED 4411	Preclinical Experience in Management Strategies for Individuals with Severe Behaviors	1
SPED 4497	Curriculum in Special Education	3
SPED 4725	Management Strategies for Individuals with Severe Behaviors	3
SPED 4757	Curriculum-Based Assessment	3
SPED 4750	Instructional & Transitional Services for Adolescents & Young Adults with Disabilities	3

Total Hours Required for Degree 120 Credit Hours
Nonteaching Minor

SPED 2300, 3350, 4477, plus 9 hours of approved electives

Suggested Course Sequence for All B.S. Majors in Special Education

Freshman Year

First Semester	Credit Hours
MATH 1530 Probability and Statistics	3
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
EDFN 2100 Orientation to Education	1
Social/Behavioral Science	3
Communication: Oral Communication	3
Semester Total	16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
Science	4
Elective	3
Humanities/Fine Arts	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
EDFN 2300 Foundations for Teaching	2
Science	4
PUBH 2030 First Aid and Emergency Care	3
Humanities (Literature)	3
HDAL 2310 Devel. Lifespan Psy.	3
Semester Total	15

APPLY TO TEACHER EDUCATION BEGINNING OF SPRING SEMESTER

Sophomore Year

Second Semester	Credit Hours
HDAL 3310 Educational Psychology	3
Humanities Elective	3
SPED 2300 Exceptional Learners	3
READ 3100 Foundations of Reading	3
Elective	3
Semester Total	15

Junior Year

First Semester	Credit Hours
CUAI 3430 Meth. Tch Elem Math	3
SPED 3300 Instructional Method. in Spec. Ed.	3
SPED 3350 Medical Aspects SPED	3
SPED 4487 Collaboration	3
SPED 3400 Behavior Mgmt. for Indiv. with Disab.	3
SPED 3410 Preclinical Exper. in Behav. Mgmt	1
Semester Total	16

Second Semester Credit Hours

SPED 4725 Mgmt. Strat. for Indiv. with Sev. Beh.	3
SPED 4410 Preclinical Experience in Strategies for Individuals with Sev. Behaviors	1
SPED 4497 Curriculum in SPED	3
SPED 3445 Assistive Technology	3
SPED 4477 Special Educ. Assess.	3
SPED 3365 Funct. Skill Instruction	3
Semester Total	16

Senior Year

First Semester	Credit Hours
SPED 4700 Adaptations & Modif.	3
SPED 4710 Preclinical	2
EDFN 3301 Issues in Education	3
SPED 4757 Curriculum-Based Assessment	3
SPED 4750 Transitional Services	3
Semester Total	14

Second Semester Credit Hours

SPED 4850 Student Teaching SPED	12
Semester Total	12
Total	120

Suggested Course Sequence for All B.S. Majors in Special Education

Freshman Year

First Semester	Credit Hours
MATH 1530 Probability and Statistics	3
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
EDFN 2100 Orientation to Education	1
Social/Behavioral Science	3
Communication: Oral Communication	3
Semester Total	16

Second Semester Credit Hours

ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
Science	4
Elective	3
Humanities/Fine Arts	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
EDFN 2300 Foundations for Teaching	2
Science	4
PUBH 2030 First Aid and Emergency Care	3
Humanities (Literature)	3
HDAL 2310 Devel. Lifespan Psy.	3
Semester Total	15

APPLY TO TEACHER EDUCATION BEGINNING OF SPRING SEMESTER

Sophomore Year

Second Semester	Credit Hours
HDAL 3310 Educational Psychology	3
Humanities Elective	3
SPED 2300 Exceptional Learners	3
READ 3100 Foundations of Reading	3
Social/Behavioral Science	3
Semester Total	15

Junior Year

First Semester	Credit Hours
CUAI 3430 Meth. Tch Elem Math	3
SPED 3300 Instructional Method. in Spec. Ed.	3
SPED 3350 Medical Aspects SPED	3
SPED 4487 Collaboration	3
SPED 3400 Behavior Mgmt. for Indiv. with Disab.	3
SPED 3410 Preclinical Exper. in Behav. Mgmt	1
Semester Total	16

Second Semester Credit Hours

SPED 4725 Mgmt. Strat. for Indiv. with Sev. Beh.	3
SPED 4411 Preclinical Experience in Strategies for Individuals with Sev. Behaviors	1
SPED 4497 Curriculum in SPED	3
SPED 3445 Assistive Technology	3
SPED 4477 Special Educ. Assess.	3
SPED 3365 Funct. Skill Instruction	3
Semester Total	16

Senior Year

First Semester	Credit Hours
SPED 4700 Adaptations & Modif.	3
SPED 4710 Preclinical	2
EDFN 3301 Issues in Education	3
SPED 4757 Curriculum-Based Assessment	3
SPED 4750 Transitional Services	3
Semester Total	14

Second Semester Credit Hours

SPED 4850 Student Teaching SPED	12
Semester Total	12
Total	120

**Department of Kinesiology, Leisure and Sport Sciences
(PEXS/PHED/SALM)**

Box 70654

Phone: (423) 439-4362

Chair: Mr. Chris Ayres email: ayresc@etsu.edu

The Department of Kinesiology, Leisure and Sport Sciences offers two different baccalaureate degree programs: B.S. in Physical Education with concentrations in K-12 Teacher Education and Exercise Science and a B.S. in Sport and Leisure Management with concentrations in Sport Management and Park and Recreation Management.

The K-12 teacher licensure concentration prepares students as professional physical educators in grades K-12. The Exercise Science concentration prepares students to work in fitness management, wellness programs, and exercise prescription/rehabilitation. The Sport Management concentration prepares students to work as leaders in the sport industry. The Park and Recreation Management concentration prepares students for leadership roles in the leisure service industry including community, commercial, and natural resource management settings.

The Kinesiology, Leisure and Sport Sciences department also offers minors in Park and Recreation, Sport Management, Coaching, and Physical Education. The Park and Recreation minor has been designed along a broad spectrum in order to allow students completing this minor to either begin work in a recreational capacity or to pursue other educational advancement on a graduate program level.

The Coaching minor has been designed to enable students to develop competencies necessary to coach in public or private schools or recreational settings. Emphasis is placed on psychology and physiology of sport, care and prevention of athletic injury, and advanced skill in coaching.

The Sport Management minor has been designed to enable students to develop basic competencies in sport management. This minor, in combination with an appropriate major, will allow students to seek employment in the sport industry as entry-level employees or pursue other educational advancement at the graduate level.

The Physical Education minor at East Tennessee State University is offered for students who are interested in physical education but who do not want to major in teacher certification in physical education. This minor is designed to help students acquire skills and knowledge to assist in preparation for entering the Master of Arts in Teaching program and for those who plan to work with children outside the school setting.

Flexibility in the Physical Education minor allows students to customize an 18-semester hour program in consultation with the program coordinator. The minor does not lead to teacher licensure.

Bachelor of Science Degree (B.S.) in Physical Education

Concentrations: Physical Education (K - 12)
Exercise Science

TBR General Education Requirements 41-42 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
	Communication: Oral Communication	3
	Mathematics*	3-4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Science I **	4
	Science II **	4
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social/Behavioral Sciences	6

* See General Education Core Requirements.

** See Concentrations for Specific Science Courses.

The K-12 teaching concentration prepares students for teacher licensure in physical education in the state of Tennessee. When students satisfy the requirements for teacher licensure, they will be licensed to teach physical education in grades kindergarten through 12. The program of study provides extensive training in elementary and secondary pedagogy and supports the mission of the Clemmer College of Education—Educating Leaders in the 21st Century. Teacher candidates are trained to assume leadership roles in the classroom, school, and community, while developing skills and knowledge in professional content and pedagogy with a special emphasis on technology, multicultural, and inclusion education. Physical Education specialists develop skills in reflective thinking and decision-making as they grow personally into caring lifelong learners. Students must be admitted to Teacher Education prior to enrolling in PEXS 4007, 4700, and 4717, EDFN 3301, MEDA 3570, and CUA1 4580.

Science Requirement for K-12:

HSCI 2010/11	Anatomy and Physiology I	4*
Science		4*

Major Core Requirements 20 Credit Hours

PHED 1130	Fitness for Life	2
PEXS 2955	Care & Prevention of Ath. Injuries	3
PEXS 3032	Psychomotor Development in Children	3
PEXS 3080	Theory & Practice of Aerobic Cond.	3
PEXS 3510	Foundations of PE	3
SALM 4210	Legal Issues	3
PUBH 2030	First Aid and Emergency Care	3

Physical Education TE Concentration 20 Credit Hours

PEXS 2701	Aquatics	1
PEXS 3085	Teaching Rhythms & Gymnastics	3
PEXS 3095	Teaching Sports Skills I	3
PEXS 3850	Scientific Basis of Human Performance	4
PEXS 4001	Teaching Sports Skills II	3
PEXS 4060	Measurement & Evaluation	3
PEXS 4700	PE Secondary I—Lifetime Wellness	3

Professional Education Core 35 Credit Hours

EDFN 2100	Orientation to Education	1
EDFN 2300	Foundation of Education	2
EDFN 3301	Issues in Education	3
HDAL 3310	Educational Psychology	3
MEDA 3570	Educational Technology	2
PEXS 3005	Instructional Delivery Techniques	3
PEXS 4007	Elementary Physical Education	3
PEXS 4250	Atypical Populations	3
PEXS 4717	Secondary Wellness Education	3
CUAI 4580	Student Teaching	12

Electives 4 Credit Hours

Total Hours Required for Degree 120

**Suggested Course Sequence
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
MATH 1530 Probability and Statistics - Non-calculus	3
HIST 2010 The United States to 1877	3
Social/Behavioral Science	3
Science	4
Semester Total	16

Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
EDFN 2100 Orientation to the Profession of Ed	1
HIST 2020 The United States Since 1877	3
Humanities	3
Social/Behavioral Science	3
ENGL 2330 World Literature	3
Semester Total	16

Sophomore Year

First Semester	Credit Hours
Fine Arts	3
PEXS 3005 Instructional Delivery Techniques	3
HSCI 2010/11 Anatomy and Physiology I Lecture & Lab	4
EDFN 2300 Foundations for Teaching	2
PEXS 3085 Teaching Rhythms and Gymnastics	3
Semester Total	15

Second Semester		Credit Hours
SPCH 1300, 2300, or 2320	.....	3
PEXS 3032	Psychomotor Development in Children	3
PEXS 4001	Teaching Sports Skills II	3
PEXS 3510	Foundation of Physical Ed & Sports (W,O)	3
PHED 1130	Fitness for Life	2
PEXS 2701	Aquatics	1
Semester Total	.....	15

Junior Year

First Semester		Credit Hours
PEXS 4007	Elementary PE Methods	3
PEXS 4700	Secondary PE I: Lifetime Wellness (W)	3
PEXS 3095	Teaching Sports Skills	3
PEXS 3850	Scientific Basis of Human Performance (T)	4
Free Elective	.....	3
Semester Total	.....	16

Second Semester		Credit Hours
PEXS 3080	Teaching Aerobic Conditioning	3
PEXS 4717	Secondary Wellness Education	3
PEXS 2250	PE Activities for Atypical Populations	3
HDAL 3310	Educational Psychology	3
PEXS 4060	Measure & Evaluation	3
Semester Total	.....	15

Senior Year

First Semester		Credit Hours
PEXS 2955	Care and Prevention of Athletic Injuries	3
MEDA 3570	Educational Technology (T)	2
EDFN 3301	Issues in Education (W)	3
SALM 4210	Legal Issues in SI Activities (W,O)	3
PUBH 2030	First Aid and Emergency Care	3
Free Elective	.....	1
Semester Total	.....	15

Second Semester		Credit Hours
CUAI 4580	Directed Student Teaching (O)	12
Semester Total	.....	12
Total	.....	120

EXERCISE SCIENCE CONCENTRATION

The Exercise Science concentration is a multidisciplinary approach to exercise, fitness, and wellness. The primary emphasis is on the effects of exercise on various body systems. Support studies from psychology, health education, and applied human sciences provide a knowledge base in the psychological aspects of health and behavior, generally oriented toward lifestyle maintenance and health promotion/risk reduction.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication: Oral Communication*	.....	3
Mathematics*	.....	3-4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Science I *	.....	4
Science II *	.....	4
Literature*	.....	3
Fine Arts*	.....	3
Humanities*	.....	3
Social/Behavioral Sciences	.....	6

*See General Education Core Requirements.

Physical Education Core 20 Credits Hours

PHED 1130	Fitness for Life	2
PEXS 2955	Care & Prevention of Athletic Injuries	3
PHED 3032	Motor Development	3
PEXS 3080	Teaching of Aerobic Conditioning	3
PEXS 3510	Foundations of Physical Education	3
SALM 4210	Legal Issues	3
PUBH 2030	First Aid and Emergency Care	3

Exercise Science Concentration 47 Credits Hours

PEXS 3610	Exercise Physiology I	3
PEXS 4061	Exercise Fitness Testing	3
PEXS 4062	Cardiovascular Testing	3
PEXS 4270	Structural Kinesiology	3
PEXS 4620	Exercise Physiology II	3
PEXS 4630	Exercise Science Internship I	6
PEXS 4631	Exercise Science Internship II	6
PEXS 4656	Sport Conditioning and Training	3
PEXS 4657	Sports Nutrition and Ergogenic Aids	3
PEXS 4977	Exercise Management	3
NTFD 2420	Principles of Nutrition	3
HSCI 3000	Human Anatomy	4

HSCI 3020	Human Physiology	4
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Guided Electives 9

Electives 3

Total Hours Required for Degree 120 Credit Hours

Suggested Four-Year Sequence for Exercise Science Concentration

Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
Mathematics	.....	3
HIST 2010	The United States to 1877	3
Social/Behavioral Science	.....	3
PHED 1130	Fitness for Life	2
Semester Total	.....	14

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
HIST 2020	The United States Since 1877	3
Humanities/Fine Arts	.....	6
Social/Behavioral Science	.....	3
Semester Total	.....	15

Sophomore Year

First Semester		Credit Hours
Humanities/Fine Arts	.....	3
SPCH 1300	General Speech or	
SPCH 2300	Public Speaking	3
HSCI 3000	Human Anatomy	4
NTFD 2420	Principles of Nutrition	3
Science	.....	4
Semester Total	.....	17

Second Semester		Credit Hours
PEXS 2955	Care and Prevention of Athletic Injuries	3
PEXS 3032	Psychomotor Development in Children	3
PEXS 3085	Teaching Rhythms and Gymnastics	3
HSCI 3020	Human Physiology	4
Science	.....	4
Semester Total	.....	17

Junior Year

First Semester		Credit Hours
PEXS 3610	Exercise Physiology I	3
PEXS 3080	Teaching Aerobic Conditioning	3
PEXS 3510	Foundations of Physical Education	3
PEXS 4061	Exercise Fitness Testing	3
PUBH 2030	First Aid and Emergency Care	3
Semester Total	.....	18

Second Semester		Credit Hours
PEXS 4620	Exercise Physiology II	3
PEXS 4062	Cardiovascular Exercise Testing	3
PEXS 4270	Structural Kinesiology	3
PEXS 4657	Sports Nutrition and Ergogenic Aids	3
Elective	.....	3
Semester Total	.....	15

Senior Year

First Semester		Credit Hours
PEXS 4630	Exercise Science Internship I	6
PEXS 4656	Sport Conditioning	3
PEXS 4977	Exercise Management	3
Semester Total	.....	12

Second Semester		Credit Hours
PEXS 4631	Exercise Science Internship II	6
SALM 4210	Legal Issues and Risk Mgmt.	3
Electives	.....	3
Semester Total	.....	12
Total	.....	120

**Bachelor of Science Degree (B.S.)
in Sport and Leisure Management**

Concentrations: Sport Management
Park and Recreation Management

Note: All students in the SALM major are required to make a grade of 'C' or better in all major classes. Courses may be retaken for grade adjustment in accordance with university policy.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication: Oral Communication	.....	3
Mathematics*	.....	3-4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Science I*	.....	4
Science II*	.....	4
Fine Arts*	.....	3
Humanities/Fine Arts (Literature)	.....	6
Social/Behavioral Sciences	.....	6

* See General Education Core Requirements.

SPORT MANAGEMENT CONCENTRATION

The undergraduate sport management concentration provides instruction and applied experiences in planning, organization, and leadership as they relate to the field of sport management. Students are prepared to work in a consumer-driven and constituent-based profession. Academic preparation and required clinical experiences prepare students for careers in athletic administration at the collegiate and professional levels, motorsport operations, facility operations, sport marketing, as well as a variety of other sport-related occupations.

General Education Core (see above) 41 Credit Hours

Major Core 33 Credit Hours

ACCT 2010	Principles of Accounting	3
SALM 3220	Facility and Event Management	3
SALM 3225	Marketing Strat. & Public Relations in Sport	3
SALM 4210	Legal Issues in Sport and Leisure Activities	3
SALM 4215	Social Psychology of Sport & Leisure	3
SALM 4225	Management of Sport and Leisure Activities	3
SALM 4240	Research Design & Analysis in SALM	3
SALM 4250	Internship in SALM	12

Sport Management Concentration 18 Credit Hours

SALM 3200	Introduction to Sport Management	3
SALM 3230	Sport in the Social Context	3
SALM 3240	Sport Government	3
SALM 4205	Issues and Trends in Sport Management	3
SALM 4230	Fund-Raising in Sports	3
MGMT 3000	Organizational Management	3

Business Guided Electives 12 credits

Select from the following:

MGMT 3300	Written Organizational Communication (WI)	3
MGMT 3310	Legal Environment of Business	3
MGMT 3320	Management Social Responsibility	3
MGMT 4030	Current Management (OCI)	3
MGMT 4460	Leadership Studies	3
MGMT 4510	Human Resources Management	3
MGMT 4600	Personnel Law	3
MKTG 3200	Principles of Marketing	3
MKTG 3250	Marketing Communications	3
PUBR 2700	Introduction to Public Relations	3

Sport Management Guided Electives 12 Credit Hours

Free Electives* 4 Credit Hours

Total Hours Required for Degree 120 Credit Hours

* Courses selected to fulfill this category will be chosen with consultation and approval of the student's academic advisor and will be specific to the career goals of the individual student.

Suggested Semester Schedule

Freshman Year

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
Social/Behavioral Science	3
Literature	3
Free Elective	1
Semester Total	13
Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
Speech	3
Social/Behavioral Science	3
SALM 3200 Introduction to Sport Management	3
Semester Total	15

Sophomore Year

First Semester	Credit Hours
CSCI 1100 or Free Elective	3
Fine Arts	3
Science	4
Math	3
SALM 3230 Sport in Social Context	3
Semester Total	16
Second Semester	Credit Hours
Science	4
SALM 3225 Marketing Strategies & PR in Sport Management	3
Business Guided Elective	3
SALM 4205 Issues and Trends in Sport Management	3
MGMT 3000 Organizational Behavior and Management	3
Semester Total	16

Junior Year

First Semester	Credit Hours
Humanities	3
SALM 3220 Facility Planning & Event Management	3
SALM 4210 Legal Issues	3
SALM 4230 Fund-Raising in Sport	3
Business Guided Elective	3
Sport Management Guided Elective	3
Semester Total	18
Second Semester	Credit Hours
SALM 4215 Social Psychology of Sport and Leisure	3
SALM 3240 Sport Governance	3
Business Guided Elective	3
ACCT 2010 Principles of Accounting	3
Sport Management Guided Elective	3
Semester Total	15

Senior Year

First Semester	Credit Hours
SALM 4225 Management of Sport and Leisure Activities	3
SALM 4240 Research Design & Analysis in SALM	3
Business Guided Elective	3
Sport Management Guided Elective	3
Sport Management Guided Elective	3
Semester Total	15
Second Semester	Credit Hours
SALM 4250 Internship in SALM	12
Semester Total	12
Total	120

PARK AND RECREATION MANAGEMENT CONCENTRATION

The park and recreation management concentration provides instruction and training in the planning, organization, and leadership and management of park and recreation agencies and programs. Students can choose from two tracks within the major; recreation administration or outdoor leadership. This flexibility allows students to tailor their educational experience to meet their career goals. Students are also given the opportunity to employ theories learned in the classroom in practical settings through the internship program. Students can work in a variety of fields such as community recreation, state/national parks, military recreation, or the outdoor recreation industry.

General Education Core Requirements 41 Credit Hours

Major Core (see above) 33 Credit Hours

ACCT 2010	Principles of Accounting	3
SALM 3220	Facility and Event Management	3
SALM 3225	Marketing Strat. & Public Relations in Sport	3
SALM 4210	Legal Issues in Sport and Leisure Activities	3
SALM 4215	Social Psychology of Sport & Leisure	3
SALM 4225	Management of Sport and Leisure Activities	3
SALM 4240	Research Design & Analysis in SALM	3
SALM 4250	Internship in SALM	12

Park and Recreation Management 21 Credit Hours

SALM 3100	Introduction to Leisure Services	3
SALM 3105	Programming & Leadership in Leisure Services	3
SALM 3117	Recreation for Special Pop.	3
SALM 3120	Outdoor Recreation Skills	3
SALM 3210	Practicum I in SALM	1
SALM 3211	Practicum II in SALM	1
SALM 3140	Leadership and Group Processes	3
SALM 4105	Commercial Recreation and Tourism	3
SALM 4110	Professional Development in Park & Recreation Management	1

Recreation Electives 15-21 Credit Hours

PSCI 2610	Introductin to Public Administration	3
SALM 3110	Interpretation of Cultural & Natural Resources	3
SALM 3115	Wilderness First Responder	3
SALM 3120	Outdoor Recreation Skills	3
SALM 3125	Camp Leadership	3
SALM 3150	Regional Outdoor Leadership & Service	3
SALM 4107	Alpine Tower Leadership	3
SALM 4117/8/9	Outdoor Leadership	3
SALM 4200	Adventure Programming	3
SALM 4956	Managing Park Services	3

Guided Electives	1-7 Credit Hours
ARTA 2200 Basic Photography	3
ASTR 1010 Astronomy I	4
ENVH 3010 Human Ecology & Environmental Education	3
GEOG 4217 Geographic Information Systems	3
GEOG 3040 Conservation of Natural Resources	3
MKTG 3200 Principles of Marketing	3
PHED 2xxx Lifetime Activity	1
SALM 4127 Rocky Mountain Experience	3
SALM 4137 Wilderness Education Stewardship	3
SCED 4020 Wildlife Conservation	3
Free Electives	3 Credit Hours
Total Hours Required for Degree	120 Credit Hours

**Suggested Semester Schedule
Freshman Year**

First Semester	Credit Hours
ENGL 1010 Critical Reading and Expository Writing	3
HIST 2010 The United States to 1877	3
Social/Behavioral Science	3
Literature	3
SALM 3100 Introduction to Leisure Services	3
Semester Total	15
Second Semester	Credit Hours
ENGL 1020 Critical Thinking and Argumentation	3
HIST 2020 The United States Since 1877	3
Speech	3
Social/Behavioral Science	3
Free Elective	3
Semester Total	15

Sophomore Year

First Semester	Credit Hours
CSCI 1100 or elective	3
SALM 3105 Recreation Programming	3
Fine Arts	3
Science	4
Mathematics	3
Semester Total	16
Second Semester	Credit Hours
ACCT 2010 Principles of Accounting	3
Science	4
SALM 3140 Leadership and Group Processes	3
SALM 3225 Marketing Strategies and Public Relations in SALM	3
Recreation Elective	3
Semester Total	16

Junior Year

First Semester	Credit Hours
SALM 3117 Recreation for Special Populations	3
SALM 3210 Practicum I in SALM I	1
SALM 3220 Facility Planning and Event Management	3
SALM 4210 Legal Issues	3
Humanities	3
Recreation Elective	3
Semester Total	16
Second Semester	Credit Hours
SALM 3120 Outdoor Recreation Skills	3
SALM 3211 Practicum II in SALM	1
SALM 4105 Commercial Recreation and Tourism	3
SALM 4215 Social Psychology of Sport and Leisure	3
Recreation Elective or Guided Elective	1-4
Recreation Elective	3
Semester Total	14-17

Senior Year

First Semester	Credit Hours
SALM 4110 Professional Development in Park and Rec. Mgmt.	1
SALM 4225 Management of Sport and Leisure Activities	3
SALM 4240 Research Design and Analysis in SALM	3
Recreation Elective or Guided Elective	1-4
Recreation Elective	3
Recreation Elective	3
Semester Total	14-17
Second Semester	Credit Hours
SALM 4250 Internship in SALM	12
Semester Total	12
Total	120

MINORS

Park and Recreation Management Minor	18 Credit Hours
SALM 3100 Introduction to Leisure Services	3
SALM 3105 Programming & Leadership in Leisure Services	3
SALM 3110 Interpretation of Cultural & Natural Resources	3
SALM 3117 Recreation for Special Populations	3
SALM 3120 Outdoor Recreation Skills	3
SALM 4225 Management of Sport and Leisure Activities	3

Students selecting the leisure services minor should contact the department coordinator.

Sport Management Minor	18 Credit Hours
SALM 3200 Introduction to Sport Management	3
SALM 3220 Facility and Event Management	3
SALM 3225 Marketing Strategies & Public Relations in SALM	3
SALM 4205 Issues and Trends in Sport Management	3
SALM 4225 Management of Sport and Leisure Activities	3
SALM 4230 Fund-Raising in Sports	3

Coaching Minor	18 Credit Hours
PEXS 2955 Care & Prevention of Athletic Injuries	3
PEXS 3510 Foundations of Physical Education and Sport	3
PEXS 3655 Sports Nutrition	3
PEXS 4600 Athletic Coaching Practicum	3
SALM 4210 Legal Issues in Sport and Leisure Activities	3

Electives (3 hours from the following):

PEXS 3095 Sport Skills I	3
PEXS 4001 Sport Skills II	3
SALM 4215 Social Psychology of Sport and Leisure	3
SALM 4225 Management of Sport and Leisure Activities	3

Physical Education Minor	18 Credit Hours
PEXS 3005 Instructional Delivery Techniques for PE	3
PEXS 3510 Foundations of Physical Education & Sport	3
PEXS 3032 Psychomotor Development in Children	3
PEXS 3080 Teaching Aerobic Conditioning	3
PEXS 3085 Teaching Rhythms and Gymnastics	3
PEXS 4060 Measurement and Evaluation in PE	3

GRADUATE

Graduate Study – The Department of Kinesiology, Leisure and Sport Sciences offers a Master of Arts degree with concentrations in K-12 Physical Education, Exercise Physiology and Performance, and Sport Management. A Ph.D. is offered in Sport Physiology and Performance with concentrations in Sport Physiology and Sport Performance. Additional information is available in the Graduate Catalog.

College of Nursing
Box 70617**e-mail: nursing@etsu.edu**

Dean's Office: (423) 439-7051
Student Services: (423) 439-4578
Toll free: 1-888-37NURSE
Fax: (423) 439-4522 (Student Services)

The mission of the College of Nursing at East Tennessee State University is to facilitate the health of the community through excellence and innovation in nursing education, leadership, research, scholarship, and practice. The college provides undergraduate and graduate programs. The Bachelor of Science in Nursing degree program includes curricula designed for four-year traditional students and second-degree students in an accelerated track. In addition, programs of advanced placement are available to eligible diploma or associate degree-prepared licensed registered nurses and to eligible licensed practical nurses interested in pursuing a Bachelor of Science in Nursing degree. (Information on the master's and doctoral degree programs is found in the Graduate Catalog.)

The program is approved by the Tennessee Board of Nursing and accredited by the American Association of Colleges of Nursing's Commission on Collegiate Nursing Education (CCNE.) The CCNE is an additional resource for information (1 Dupont Circle, Suite 530, Washington, DC 20036, 1-202-887-6791.) The College of Nursing is affiliated with the National Student Nurses' Association. Membership in the Epsilon Sigma Chapter of Sigma Theta Tau, the International Nursing Honor Society, is available to eligible candidates.

Bachelor of Science in Nursing

Accredited by: Commission Collegiate on Nursing Education (CCNE)

The Bachelor of Science in Nursing (B.S.N.) degree program prepares a generalist in nursing with leadership skills, basic research abilities, and a holistic health approach to professional nursing with a focus on the community. A broad foundation in science and liberal arts enables the professional nurse to enter into the collaborative health care process in a variety of settings.

The Bachelor of Science in Nursing degree is the foundation for professional nursing practice. The professional nurse practices in collaboration with other health care providers and is responsible for coordinating and practicing comprehensive nursing care for individuals, families, groups, and communities, and assuming management and leadership positions in nursing practice.

A course of study that meets the degree requirements and the university's General Education Program Requirements will be planned with the student through regular advising sessions each semester.

Students who complete the baccalaureate degree program, and are not already licensed registered nurses, will write the National Council Licensure Examination for Registered Nurses (NCLEX-RN). Graduates of the nursing program who have been convicted of a violation of the law other than a minor traffic violation (i.e., misdemeanor and/or felony) may be denied a license to practice as a registered nurse by the Tennessee Board of Nursing. Questions about eligibility for licensure should be directed to the Tennessee Board of Nursing (1-888-778-4123).

Admission Requirements

Admittance to the university as a pre-nursing major does not assure admission to the major. Because limited numbers of students can be admitted to the nursing major, students must make a separate application to the College of Nursing. Applications for admission to the B.S.N. major and other information can be obtained through the College of Nursing Office of Student Services, Room 230, Roy S. Nicks Hall, (423) 439-4578 or 1-888-37NURSE, by e-mail: nursing@etsu.edu or online at: www.etsu.edu/etsucon/undergraduate.htm.

The College of Nursing admits students to the four-year B.S.N. major twice a year. Application deadlines are February 1 (fall) and October 1

(spring). The priority deadline for application to the accelerated B.S.N. track for second-degree students, which begins during the summer term, is February 1. The priority deadline for application to the B.S.N. program for R.N. students is June 1. Applications will be considered until each class is filled.

To be considered for admission to the four-year baccalaureate nursing major, the applicant must have a minimum cumulative grade point average of 2.6 GPA, on a 4.0 scale, on all college-level work as computed by East Tennessee State University. The actual GPA for admission may be higher, depending on the applicant pool. Developmental studies/remedial coursework are not included in the calculation of the cumulative grade point average for College of Nursing admission purposes.

The four-year B.S.N. applicant must have completed, or have in progress, all of the following courses, or their equivalents: ENGL 1010, ENGL 1020, and Speech; 12 credit hours that will satisfy course requirements under Humanities and Fine Arts and Social and Behavioral Sciences; HSCI 2230/31; HIST 2010, HIST 2020; MATH 1530; approved literature course; HSCI 2010/11; and HSCI 2020/21. Additionally, the applicant must have earned a minimum grade of C (2.0) in each of the required health science courses. No more than two (2) health science courses may be repeated, and no more than one health science course may be repeated more than once in order to achieve a minimum grade of C (2.0).

Selection Process

After the deadline for application, eligible applicants will be rank-ordered within their respective tracks by cumulative college-level grade point average. Class size is limited. Should there be more eligible applicants than there are spaces available, a position in the class will be offered to the top-ranked students in the applicant pool.

Eligible students who cannot be accommodated will be notified in writing and may reapply during the next application period. No waiting list is maintained for admission. A final verification of eligibility will be made once semester grades become available. Students who, at the end of the semester of acceptance are no longer eligible, will not be permitted to maintain their admission to the nursing major and must reapply.

Maintenance and Progression

Students admitted to the nursing major must earn a minimum grade of C (2.0) in each required theory and/or clinical nursing course. Grades of C-, D+, D, and F indicate that the course content has not been mastered and are considered nursing failures. Students who earn a grade less than C (2.0) in any two required nursing courses (classroom or clinical practicum) will be academically dismissed from the College of Nursing. This policy applies even if one of the failed courses has been repeated previously with a grade of C (2.0) or higher. Students who earn a grade of F in any one clinical course will be academically dismissed from the College of Nursing. Students who earn a grade of less than C (2.0) in a required nursing course and who wish to repeat the course and progress must file an appeal with the College of Nursing Student Affairs Committee. For additional information, contact the college's Office of Student Services.

If a student drops any of the following courses – NRSE 3030, NRSE 3070, NRSE 3080, NRSE 4040, NRSE 4050, NRSE 3090, or NRSE 4060 – the student must also withdraw from the corresponding clinical course (NRSE 3031, NRSE 3071, NRSE 3081, NRSE 4041, NRSE 4051, NRSE 3091, NRSE 4061, or NRSE 4062).

Fully admitted students who continue to progress successfully in the curriculum on a full-time basis can expect to complete degree requirements in five semesters/terms. Students may complete the program on a part-time basis but are strongly advised to meet with a nursing advisor to develop an individualized plan for part-time study.

Students will obtain a copy of the College of Nursing policies and clinical course requirements, including the substance abuse policy, clinical course requirements, and information on Core Performance Standards from the college's Office of Student Services. Students must sign forms indicating they have received the College of Nursing policies and agree to abide by them.

In partial fulfillment of the requirements of designated B.S.N. courses, students take three standardized assessment exams designed to prepare them for professional practice and the National Council Licensure Examination for the Registered Nurse (NCLEX-RN). Four-year and accelerated second-degree B.S.N. students take an Entrance Assessment, used as a diagnostic tool, two weeks from the time of their letter of acceptance to the major (or prior to the first day of class for late admits). Students with reading comprehension or cumulative scores below 80 percent are required to add NRSE 3300, Promoting Academic Success in Nursing (1 credit) to their schedule. This course supports and strengthens students' study and test-taking skills. A Mid-Curricular Exam, the second standardized assessment in the curriculum, is a requirement in a designated nursing course in the second semester of the junior year. In the last semester of their academic program, all four-year and accelerated second-degree B.S.N. undergraduate students must pass a comprehensive Exit Exam as a requirement of a designated nursing course in the second semester of the senior year. The Exit Exam is required to pass the associated nursing course. Each exam will cost approximately \$37. Personnel in the Testing Center, as well as designated faculty, assist students in test preparation, interpretation of test results, identification of areas of academic deficiency, selection of learning resources and development of study plans to meet specific learning needs. More information on schedules for each exam, payment procedures, review sessions, and policies for re-examination are provided within the designated courses.

After admission to the major and before beginning any clinical practice courses, students must furnish evidence of having met clinical course requirements, including documentation of good health and freedom from communicable diseases, compliance with substance abuse policy, CPR certification, professional liability insurance coverage, knowledge of universal precautions, HIPAA and other policies in the College of Nursing Student Handbook. Additional information may be required and the College of Nursing may add or choose clinical requirements based on current information. For example, criminal background checks are a requirement at clinical sites. Any student enrolled in a College of Nursing course or program may be asked to present evidence of physical or mental health at any time during the nursing program and program continuance may be contingent upon this evidence.

Many sites are used for nursing courses and students must provide or arrange for their own transportation. Opportunities exist for rural, and interprofessional clinical experiences, as well as international nursing experiences.

Given the rapid change in health care and technology, the faculty maintains the right and responsibility for revising the curriculum to anticipate societal needs for nursing care. Students are strongly advised to contact the college for current requirements.

Bachelor of Science in Nursing Curriculum

The ratio of credit hours to clock hours per week is 1:1 for didactic courses and 1:2 for clinical courses, unless otherwise specified.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
Communication:	Oral Communication*	3
MATH 1530	Probability and Statistics	3
HSCI 2010/11	Anatomy and Physiology I	4
HSCI 2020/21	Anatomy and Physiology II	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3

Fine Arts*	.....	3
Humanities*	.....	3
Social/Behavioral Sciences*	.....	6
CSCI Proficiency	.....	0-3

* See the General Education Core Requirements.

Additional Nursing Requirements 4 Credit Hours
 HSCI 2230/31 Introduction to Microbiology

Nursing Core	75
NRSE 2016 Pathophysiology	4
NRSE 2020 Introduction to Professional Nursing	3
NRSE 2030 Health Assessment	4
NRSE 2310 Communication for Health Professionals	2
NRSE 3010 Pharmacology for Nursing	3
NRSE 3030 Foundations of Nursing Practice	3
NRSE 3031 Foundations Practicum	4
NRSE 3070 Young Adults and Childbearing Families	3
NRSE 3071 Young Adults and Childbearing Families Practicum ..	3
NRSE 3080 Care of Children and Their Families	3
NRSE 3081 Care of Children and Their Families Practicum	3
NRSE 3090 Care of Persons with Psychiatric Disorders	3
NRSE 3091 Care of Persons with Psychiatric Disorders Pract. ..	3
NRSE 3220 Nursing Theory and Research	3
NRSE 4040 Care of the Adult	4
NRSE 4041 Care of the Adult Practicum	4
NRSE 4050 Care of Older Adults	3
NRSE 4051 Care of Older Adults Practicum	3
NRSE 4060 Transition to Professional Practice	3
NRSE 4061 Senior Practicum	8
NRSE 4110 Population-based Nursing Care I	3
NRSE 4120 Population-based Nursing Care II	3
Total Hours Required for Degree	120

Suggested Course Sequence for the Four-Year Bachelor of Science in Nursing Degree Program

Freshman Year *

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
MATH 1530	Probability and Statistics**	3
HSCI 2010/11	Anatomy and Physiology I	4
HIST 2010	The United States to 1877	3
CSCI Proficiency	.....	0-3
Semester Total		13-16

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
Social/Behavioral Sciences	.....	3
HSCI 2020/21	Anatomy and Physiology II	4
HIST 2020	The United States Since 1877	3
Humanities/Fine Arts	.....	3
Semester Total		16

Sophomore Year

First Semester		Credit Hours
HSCI 2230/31	Introduction to Microbiology	4
Literature	.....	3
Social/Behavioral Sciences	.....	3
Humanities/Fine Arts	.....	3
SPCH 1300 or 2300	.....	3
Semester Total		16

Second Semester		Credit Hours
NRSE 2016	Pathophysiology	4
NRSE 2020	Introduction to Professional Nursing	3
NRSE 2030	Health Assessment	4
NRSE 2310	Communication For Health Professionals	2
Semester Total		13

Junior Year

First Semester		Credit Hours
NRSE 3220	Nursing Theory and Research	3
NRSE 3010	Pharmacology for Nursing	3
NRSE 3030	Foundations of Nursing Practice	3
NRSE 3031	Foundations Practicum	4
Semester Total		13

Second Semester		Credit Hours
NRSE 3070	Young Adults and Childbearing Families	3
NRSE 3071	Young Adults & Childbearing Families Practicum	3
NRSE 3080	Care of Children and Their Families	3
NRSE 3081	Care of Children & Their Families Practicum	3
NRSE 3090	Care of Persons with Psychiatric Disorders	3
NRSE 3091	Care of Persons with Psychiatric Disorders Practicum	3
Semester Total		18

Senior Year		Credit Hours
First Semester		
NRSE 4040	Care of the Adult	4
NRSE 4041	Care of the Adult Practicum	4
NRSE 4050	Care of Older Adults	3
NRSE 4051	Care of Older Adults Practicum	3
NRSE 4110	Population-based Nursing Care I	3
Semester Total		17
Second Semester		
NRSE 4060	Transition to Professional Practice	3
NRSE 4120	Population-based Nursing Care II	3
NRSE 4061	Senior Practicum	8
Semester Total		14
Total		120
Total Nursing Credits		75

* If you are identified by the East Tennessee State University's Office of Admissions as needing Developmental coursework, you will be advised by counselors in Developmental Studies and by advisors in the College of Nursing.

** MATH 1530 must be completed prior to earning 33 semester hours at ETSU.

A C (2.0) or higher is required in all science, health science, and nursing courses. College of Nursing policy limits the number of science and health science attempts. Consult the university undergraduate catalog or consult with a College of Nursing advisor.

Advanced Placement for R.N. Students

To facilitate the education of registered nurses, the College of Nursing has developed an upper division sequence of courses leading to the B.S.N. degree. Eligible graduates of diploma and associate degree nursing programs who are seeking additional study in nursing may be given advanced standing by articulation, challenge examination, and/or validation processes.

Eligible R.N. students are admitted in the fall semester (deadline for application is June 1st; however, applications are accepted until classes are filled). Eligible applicants will be rank-ordered by college level grade point average; admission will be offered to the top ranked applicants and may be limited by space availability. Applications received after the deadline will be considered on a space available basis. Eligible applicants who are not admitted may apply for the next available class. In addition to meeting GPA and science grade requirements, the applicant must be a graduate of an accredited program and hold active licensure as an RN in Tennessee or a compact state. Graduates of diploma and non-accredited programs must also have a minimum of 35 hours of specified courses to be eligible for the major. Coursework must include: English composition – 6 semester credits; Natural Science – 8 semester credits; Behavioral/Social Sciences – 6 semester credits; General education/electives – 15 semester credits. Credit may be earned by taking the courses from a regionally accredited institution or by taking departmental challenge examinations or equivalency examinations such as CLEP.

Students must satisfy a residency requirement of not less than two semesters during the junior and senior years, including the last full semester. This shall be a minimum of 30 hours. Not less than 12 semester hours may be counted as a semester of residence. Courses taken at ETSU off-campus centers are classified as residence credit. A minimum of 50 semester hours of credit must have been completed in a senior-level college or university. The R.N./ B.S.N. major requires 32 semester credits. These 32 credits will partially fulfill the university requirement of 50 semester credits having been completed in a senior-level college or institution and can usually be satisfied while completing the general education requirements. Therefore, an additional 18 semester credits must be completed at a senior-level college or university and can usually be satisfied while completing the general education requirements.

All nursing courses transferred into ETSU, in which a grade of C (2.0) or higher was earned, will be transferred in as elective courses and will count as elective credit in partial fulfillment of the B.S.N. degree requirements. Non-nursing credits are transferred and evaluated according to the policies of East Tennessee State University.

Upon successful completion of NRSE 3120 Professional Community-Based Nursing, NRSE 2030 Health Assessment, and NRSE 3010 Pharmacology for Nursing, the student will be awarded 39 semester credits in nursing; NRSE 3030, NRSE 3031, NRSE 4040, NRSE 4041, NRSE 4050, NRSE 4051, NRSE 3070, NRSE 3071, NRSE 3080, NRSE 3081, NRSE 3090, and NRSE 3091. Students graduating from a community college where ETSU has an Articulation Agreement will receive seven (7)

semester hours credit upon successful completion of NRSE 2030 and NRSE 3120.

New “cohorts” of students form each fall at Johnson City, Sevierville, Kingsport, Knoxville, and Cleveland, Tennessee. Candidates should schedule an academic advising session with a College of Nursing advisor to plan their program of study.

R.N. to B.S.N. Online Program Plan

Fall		
CSCI 1100	Using Information Tech (or proficiency/challenge exam)	0-3
NRSE 2016	Pathophysiology (online)	4
NRSE 2030	Health Assessment (Lecture is online/Lab is onsite)	4
Total		8-11

Spring		
NRSE 3010	Pharmacology (online)	3
NRSE 3220	Nursing Theory & Research (online)	3
NRSE 4110	Population-based Nursing Care I	3
Total		9

Summer		
NRSE 4120	Population-based Nursing Care II	3
NRSE 4060	Transition to Professional Practice (online)	3
**NRSE 4062	RN Practicum (240 clinical hours)	8
Total		14
Total Hours		31-34

* Students who enroll in and successfully complete CSCI 1100 will receive college credit. College credits are not awarded for the proficiency exam.

** Students may receive credit toward their practicum by portfolio submission. Portfolios are submitted and evaluated when students are enrolled in NRSE 4060.

[†] indicates technology intensive courses

[‡] indicates writing and technology intensive courses

[§] indicates writing and oral intensive courses

Advanced Placement for LPNs

Eligible L.P.N.s who are admitted to the B.S.N. program follow the same admission/progression standards as the traditional baccalaureate student but are given the advantage of advanced standing. An L.P.N. student is required to take NRSE 3170, L.P.N. to B.S.N. Transition course (3 credits) in lieu of NRSE 3030 Foundations of Nursing Practice (3 credits) and NRSE 3031 Foundations Practicum (3 credits), but otherwise follow the traditional B.S.N. program.

B.S.N. Accelerated Track for Second-Degree Students

This program is designed for students who hold a bachelor's degree in another field that was received from a regionally accredited institution. A minimum of a 2.6 on a 4.0 scale on all college work as computed by ETSU is required for admission. Developmental studies coursework is not included in the calculation for admission. Students should have completed or have in progress all the following courses or their equivalents:

HSCI 2230/31	Introduction to Microbiology
MATH 1530	Probability and Statistics
HSCI 2010/11	Anatomy and Physiology I
HSCI 2020/21	Anatomy and Physiology II

Students must have earned a minimum of a C (2.0) in each of the required health science-related courses. Each HSCI course may be repeated one time and only two HSCI courses may be repeated to achieve a C (2.0). The application deadline is February 1st of each year. The program is designed for full-time study. Classes begin in the summer term only and the curriculum can be completed in five semesters including the summer term of admission into the program. A student who fails to successfully complete one or more nursing courses, if allowed to progress, must then follow the traditional B.S.N. curriculum.

Accelerated Second Degree Program of Studies

Summer Term		First Semester
NRSE 3120	Professional Community-based Nursing	4
NRSE 2030	Health Assessment	4
NRSE 2016	Pathophysiology	4
Fall Term		Second Semester
NRSE 3010	Pharmacology for Nursing	3
NRSE 3220	Nursing Theory and Research	3
NRSE 3030	Foundations of Nursing Practice	3
NRSE 3031	Foundations Practicum	4

Spring Term		Third Semester
NRSE 3070	Young Adults & Childbearing Families	3
NRSE 3071	Young Adults & Childbearing Families Practicum	3
NRSE 3080	Care of Children & Their Families	3
NRSE 3081	Care of Children & Their Families Practicum	3
NRSE 3090	Care of Persons with Psychiatric Disorders	3
NRSE 3091	Care of Persons with Psychiatric Disorders Practicum	3

Summer Term	Fourth Semester
NRSE 4040	Care of the Adult
NRSE 4041	Care of the Adult Practicum
NRSE 4050	Care of Older Adults
NRSE 4051	Care of Older Adults Practicum
NRSE 4110	Population-based Nursing Care I
Fall Term	Fifth Semester
NRSE 4120	Population-based Nursing Care II
NRSE 4060	Transition to Professional Practice
NRSE 4061	Senior Practicum
Total Nursing Credits	
71	

College of Public Health

Box 70623

Phone: (423) 439-4243

Vision

The ETSU College of Public Health is the school of choice for students who want to improve the health of people from the state, the region, the nation, and the world.

Mission Statement

1. Provide public health students and practitioners with the academic, professional, and practical skills necessary to meet the health needs of the region, the state, the nation, and the world.
2. Advance the science of public health through research focused on identifying practical solutions to leading health challenges.
3. Collaborate with public and private partners to identify and meet public health priorities.
4. Improve the health status of all people including those in underserved communities through education, evidence-based advocacy, and partnerships.
5. Contribute to the quality of life at East Tennessee State University through instruction, research, and service.

**Departments and Programs
College of Public Health**

Departments:

- Biostatistics and Epidemiology
- Community Health
- Environmental Health
- Health Sciences
- Health Services Administration

Department	Major	Concentrations	Degrees
Biostatistics and Epidemiology	PUBH	Biostatistics	M.P.H.
		Epidemiology	M.P.H.
		Epidemiology	Dr.P.H.
Community Health	PHBS	Community Health	B.S.
	PUBH	Community Health	M.P.H.
		Community Health	Dr.P.H.
Environmental Health	ENVH	Environmental Health Practice	B.S.E.H.
		Occupational Health and Safety	
	ENVH	Administrative Program	M.P.H.
		Specialist Program	M.S.E.H.
		Environmental Health Sciences	Ph.D.
Health Sciences	HSCI	Microbiology	B.S.
			*M.B.I.M.
		Microbiology Human Health	*M.S. B.S.
Health Services Administration	PHBS	Health Administration	B.S.
	PUBH	Public Health Administration	M.P.H.

**Offered in conjunction with Biological Science.*

Admission Requirements

Refer to admission requirements in the ETSU undergraduate catalog and appropriate departmental literature regarding separate admission/progression policies.

Criminal Background Investigation

In Tennessee and nationally, due to legislative and accreditation requirements, many schools, childcare, and health care facilities require that students in health-related professions be required to submit to a Criminal Background Investigation (CBI) before participating in any educational/patient care activities at their sites. These educational/clinical activities are an essential requirement for graduation or subsequent licensure and the inability to complete this requirement may result in a student's

failure to meet the graduation requirements of certain ETSU College of Public Health programs. Students must be aware that they will be required to do the following:

1. Truthfully answer all questions, including those pertaining to felony convictions, on the student undergraduate or graduate application. Students who do not answer the questions truthfully and completely shall not be eligible for acceptance or enrollment. Discovery that the section dealing with felony convictions was not completely or truthfully answered by an enrolled student may result in dismissal.
2. Complete a CBI prior to participating in internship, field placement, or cooperative experiences at an affiliated institution that requires a CBI, as determined by the academic department.
3. Notify the program chair of any criminal charges within five (5) working days of their occurrence during enrollment in the program. Failure to notify the chair of such events may result in immediate dismissal.
4. Check departmental guidelines for procedures for obtaining the CBI.

Graduate Study Offered

- The Department of Biostatistics and Epidemiology offers the Master of Public Health (M.P.H.) degree in two concentrations (biostatistics and epidemiology) and the Doctor of Public Health (Dr.P.H.) in epidemiology. The department also offers two graduate certificates in biostatistics and epidemiology.
- The Department of Community Health offers the Master of Public Health (M.P.H.) degree in community health and the Doctor of Public Health (Dr.P.H.) degree in community health. The department also offers a graduate certificate in rural health and an interdisciplinary graduate certificate in gerontology in conjunction with the colleges of Nursing, Business and Technology, Medicine, Arts and Sciences, and Education.
- The Department of Environmental Health offers the Master of Science in Environmental Health (M.S.E.H.) degree and the Doctor of Philosophy (Ph.D.) in Environmental Health Sciences. The student may choose the administrative concentration or the specialist concentration within the M.S.E.H. The department also offers the M.P.H. degree in environmental health.
- The Department of Health Sciences, in conjunction with Biological Sciences, offers the Master of Science (M.S.) degree in Microbiology.
- The Department of Health Services Administration offers the M.P.H. degree in public health administration and the interdisciplinary graduate certificate in health care management in conjunction with the College of Nursing and the College of Business and Technology.

**Department of Community Health
(COMM)**

Box 70674

Phone: (423) 439-4332

The Department of Community Health offers the Bachelor of Science (B.S.) degree in public health with a concentration in community health. The degree prepares students to become effective health educators and community health specialists capable of developing and implementing health programs in a variety of community-based settings. Students completing the degree are eligible to sit for the national credential exam - Certified Health Education Specialist (CHES).

TBR General Education Requirements 41 Credit Hours

ENGL	1010	Critical Reading & Expository Writing	3
ENGL	1020	Critical Thinking & Argumentation	3
SPCH	2320	Public Speaking	3
MATH	1530	Probability and Statistics	3
HSCI	2010/11	Anatomy and Physiology I Lec/Lab	4
HSCI	2020/21	Anatomy and Physiology II Lec/Lab	4
HIST	2010	The United States to 1877	3

HIST 2020	The United States Since 1877	3
Literature ¹	.....	3
Fine Arts ¹	.....	3
PHIL 2640	Science and the Modern World	3
ECON 2210	Principles of Economics I	3
PSYC 1310	Introduction to Psychology	3

Public Health Core 47 Credit Hours

ENVH 3040	Environmental Sanitation I	3
PUBH 1010	Lifetime Behaviors for Healthy Living	3
PUBH 2030 ²	First Aid and Emergency Care	3
PUBH 2750	Medical Terminology	3
PUBH 3000	Biostatistics	3
PUBH 3080	Principles of Epidemiology	3
PUBH 3200	Health Services Administration	3
PUBH 4030	Community Health	3
PUBH 4220	Family Health and Human Sexuality	2
PUBH 4457	Emerging Technology for Health Professions	3
PUBH 4607	Gerontology and Health	3
PUBH 4927	Cultural Competence and Spirituality in Health Care	3
PUBH 4850	Field Experience or	
CUAI 4580 ³	Student Teaching	12

Community Health Concentration: 15-16 Credit Hours

NTFD 2420	Principles of Nutrition	3
PUBH 3120	Principles & Practices of Public Health Ed.	4
PUBH 4060	Community Org. for Health Ed Programs	3
PUBH 4357	Thanatology	3

Electives (select at least one of the following)

PUBH 2120	School Health	3
PUBH 3010	Accident Prevention	3
PUBH 3220	Health Services Planning	3
PUBH 3500	Consumer Health Education	2
PUBH 3950	Public Health Research	3
PUBH 4007	Principles & Practices of Patient Education	3
PUBH 4937	Stress Management	3

Minor 18 Credit Hours

Total Hours Required for Degree 121-122 Credit Hours

¹ See General Education Core requirements.

² Lab fee applies.

³ See College of Education for requirements of K-12 licensure with emphasis on health.

Public Health Minor

Public Health Minor Requirements 18

PUBH 1010	Lifetime Behaviors for Healthy Living	3
PUBH 3200	Health Services Administration	3
PUBH 4030	Community Health	3
Public Health (PUBH) Electives*	.....	9

These electives must be approved by your advisor.

Emergency/Disaster Response Management Minor

Required Courses 6 Credit Hours

PEXS 2950	Disaster Response Training	3
PUBH 2030	First Aid and Emergency Care	3

Guided Electives 12 Credit Hours

ENVH 3500	Environmental Safety	3
ENVH 4207	Radiological Health	3
ENVH 4727	Hazardous Waste Operations and Emergency Response	3
PUBH 1010	Lifetime Behaviors for Healthy Living	3
PUBH 3010	Accident Prevention	3
PUBH 4030	Community Health	3

Total Hours Required for Minor 18

Transfer Students – Transfer students who major or minor in public health shall earn a minimum of 18 hours of credit (12 hours must include either field experience or student teaching) with an average grade of C or above in this department. (See section of catalog on transfer students for other requirements.)

Graduate Study - The Department of Community Health offers the Master of Public Health (M.P.H.) degree in Public Health and the Doctor

of Public Health (Dr.P.H.) degree in community health. The department also offers a graduate certificate in rural health and an interdisciplinary graduate certificate in gerontology in conjunction with the colleges of Nursing, Business and Technology, Medicine, Arts and Sciences, and Education.

**Department of Environmental Health
(ENVH)**

Box 70682

Phone: (423) 439-5245

**Accredited by: The National Environmental Health Science
and Protection Accreditation Council**

Statement of Purposes, Goals, and Objectives

The need for a healthful environment is common to all peoples and to all communities. The needs for environmental health services are complex because of changes brought about by economic and technological advances. There is an increasing need for technical personnel in the field of environmental health. The many problems brought about by economic and technological advances require a comprehensively trained specialist in environmental health.

The educational objectives of the department are to provide the student with an opportunity to:

1. Develop an understanding of
 - a. the chemical, biological, physical, and social factors which affect the health of the community;
 - b. relevant concepts from the social and behavioral sciences; and
 - c. the environmental health systems.
2. Become proficient in
 - a. identifying community environmental health needs;
 - b. information collection, storage, retrieval, analysis, and dissemination; and
 - c. environmental monitoring, analysis, and management.
3. Acquire skills in the application of the above techniques and knowledge necessary for solution of environmental health problems.

Degrees and Concentrations

At the undergraduate level the department offers the Bachelor of Science in environmental health degree. The programs leading to this degree are the environmental health concentration, which has a public health orientation, and the occupational health and safety concentration. In addition, the department offers a minor in environmental health and a minor in safety.

Degree Requirements

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
Communication:	Oral Communication*	3
MATH 1840	Calculus	3
BIOL 1110/11	General Biology I Lec/Lab	4
CHEM 1110/11	General Chemistry I Lec/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature*	.....	3
Fine Arts*	.....	3
Humanities*	.....	3
Social and Behavioral Sciences*	.....	6

*See General Education Core Requirements.

Mathematics and Science Requirements 30 Credit Hours

CHEM 1120/21	General Chemistry II Lecture/Lab	4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
PHYS 2010	General Physics I-Non-Calculus	3
HSCI 3000	Human Anatomy	4
HSCI 3020	Human Physiology	4
HSCI 3320/21	General Microbiology Lecture/Lab	4
PUBH 3000	Introduction to Biostatistics	3
PUBH 3080	Principles of Epidemiology	3

Environmental Health Requirements 49 Credit Hours

ENVH 3010	Human Ecology and Environmental Education	3
ENVH 3100	Water Supplies & Wastewater Treatment	3
ENVH 3400	Introduction to Air Pollution	3
ENVH 3500	Environmental Safety	3
ENVH 3700	Solid Waste Management	3
ENVH 4000	Public Health Law	3
*ENVH 4080	Environmental Health Practice	3
ENVH 4100	Shelter Environments	3
ENVH 4207	Principles of Radiological Health	3
ENVH 4340	Occupational Health	3
ENVH 4357	Toxicology	3
ENVH 4387	Biological Analysis in Environmental Health	4
ENVH 4397	Environmental Analysis	4
ENVH 4400	Environmental Health Program Planning and Administration	3
	Planning and Administration	
ENVH 4607	Food Sanitation Principles	3
ENVH 4610	Soil Science for Environmental Health	2

Total Hours Required for Degree 120 Credit Hours

Note: ENVH 2989, ENVH 3989, or ENVH 4989 will substitute for ENVH 4080.

Note: ENVH 4000 not required for international students.

**Suggested Course Sequences
Environmental Health Concentration**

Freshman Year

First Semester	Credit Hours	
ENGL 1010	Critical Reading and Expository Writing	3
BIOL 1110/11	Biology I Lecture/Lab	4
	Oral Communication	3
	Humanities/Fine Arts option	3
	Social/Behavioral Sciences option	3
	Using Information Technology Challenge Exam	0
Semester Total		16
Second Semester	Credit Hours	
ENGL 1020	Critical Thinking and Argumentation	3
CHEM 1110/11	General Chemistry I Lecture/Lab	4
MATH 1840	Analytic Geometry & Differential Calculus	3
	Social/Behavioral Sciences option	3
Semester Total		13

Sophomore Year

First Semester	Credit Hours	
HIST 2010	The United States to 1877	3
CHEM 1120/21	General Chemistry II Lecture/Lab	4
PHYS 2010	General Physics I	3
ENVH 3010	Human Ecology and Environmental Education	3
	Humanities and Fine Arts Elective (Literature)	3
Semester Total		16
Second Semester	Credit Hours	
HIST 2020	The United States Since 1877	3
PUBH 3000	Introduction to Biostatistics	3
HSCI 3320/21	Microbiology Lecture/Lab	4
ENVH 3400	Introduction to Air Pollution	3
Semester Total		13

Junior Year

First Semester	Credit Hours	
CHEM 2010/11	Organic Chemistry I	5
HSCI 3000	Human Anatomy	4
ENVH 3100	Water Supply and Waste Water Treatment	3
ENVH 3700	Solid Waste Management	3
Semester Total		15
Second Semester	Credit Hours	
HSCI 3020	Human Physiology	4
PUBH 3080	Principles of Epidemiology	3
ENVH 4000	Public Health Law	3
ENVH 4100	Shelter Environments	3
Semester Total		13
Summer Semester	Credit Hours	
*ENVH 4080	Environmental Health Practice	3
Semester Total		3

*Offered in summer only

Senior Year

First Semester	Credit Hours	
ENVH 4340	Occupational Health	3
ENVH 4357	Toxicology	3
ENVH 4387	Biological Analysis in Environmental Health	4
ENVH 4607	Food Sanitation Principles	3
	Humanities/Fine Arts option	3
Semester Total		16

Second Semester	Credit Hours	
ENVH 3500	Environmental Safety	3
ENVH 4207	Principles of Radiological Health	3
ENVH 4397	Environmental Analysis	4
ENVH 4400	Environmental Health Program Planning & Administration	3
ENVH 4610	Soil Science for Environmental Health	2
Semester Total		15
Total		120

Concentration: Occupational Health and Safety

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
	Communication: Oral Communication*	3
MATH 1840	Analytic Geometry & Differential Calculus	3
BIOL 1110/11	General Biology I Lecture/Lab	4
CHEM 1110/11	General Chemistry II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
	Literature*	3
	Fine Arts*	3
	Humanities*	3
	Social and Behavioral Sciences*	6

*See General Education Core Requirements.

Mathematics and Science Requirements 40 Credit Hours

CHEM 1120/21	General Chemistry II Lecture/Lab	4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
CHEM 2220/21	Quantitative Analysis Lecture/Lab	4
PHYS 2010/11	General Physics I Lecture/Lab	4
HSCI 3000	Human Anatomy	4
HSCI 3020	Human Physiology	4
HSCI 3320/21	General Microbiology Lecture/Lab	4
PUBH 3000	Introduction to Biostatistics	3
PUBH 3080	Principles of Epidemiology	3

Occupational Health and Safety

Requirements 39 Credit Hours

ENVH 3400	Introduction to Air Pollution	3
ENVH 3500	Environmental Safety	3
ENVH 4207	Principles of Radiological Health	3
ENVH 4340	Occupational Health	3
ENVH 4347	Ergonomics	3
ENVH 4357	Toxicology	3
ENVH 4360	Industrial Hygiene Laboratory	4
ENVH 4387	Biological Analysis in Envir. Health	4
ENVH 4397	Environmental Analysis	4
ENVH 4500	Fundamentals of OS&H	3
ENVH 4710	Introduction to Hazardous Waste	3
ENVH 4989	Cooperative Education	3

Total Hours Required for Degree 120 Credit Hours

Note: ENVH 2989, ENVH 3989, or ENVH 4989 will substitute for ENVH 4080.

**Suggested Course Sequences
Occupational Health and Safety Concentration**

Freshman Year

First Semester	Credit Hours	
ENGL 1010	Critical Reading and Expository Writing	3
BIOL 1110/11	Biology for Science Majors I	4
CHEM 1110/11	General Chemistry I	4
	Oral Communication option	3
Semester Total		14
Second Semester	Credit Hours	
ENGL 1020	Critical Thinking and Argumentation	3
CHEM 1120/21	General Chemistry II	4
PHYS 2010/11	General Physics I Lecture/Lab	4
	Humanities/Fine Arts option	3
Semester Total		14

Sophomore Year

First Semester	Credit Hours	
HIST 2010	The United States to 1877	3
MATH 1840	Analytic Geometry & Differential Calculus	3
CHEM 2010/11	Organic Chemistry I	5
	Humanities/Fine Arts option	3
Semester Total		14

Second Semester		Credit Hours
HIST 2020	The United States Since 1877	3
CHEM 2020/21	Organic Chemistry II	5
HSCI 3000	Human Anatomy	4
Humanities/ Fine Arts option	.....	3
Semester Total	.....	15

Junior Year

First Semester		Credit Hours
CHEM 2220/21	Quantitative Analysis Lecture/Lab	4
PUBH 3000	Introduction to Biostatistics	3
HSCI 3020	Human Physiology	4
Social/Behavioral Sciences option	.....	3
Semester Total	.....	14

Second Semester		Credit Hours
PUBH 3080	Principles of Epidemiology	3
HSCI 3320/21	General Microbiology	4
ENVH 3400	Introduction to Air Pollution	3
ENVH 3500	Environmental Safety	3
ENVH 4500	Fundamentals of Occ. Safety & Health	3
Semester Total	.....	16

Summer Session

Summer Semester		Credit Hours
*ENVH 4989	Cooperative Education	3
Semester Total	.....	3

* Offered summer, fall, or spring semester of either sophomore, junior, or senior year

Senior Year

First Semester		Credit Hours
ENVH 4207	Principles of Radiological Health	3
ENVH 4340	Occupational Health	3
ENVH 4357	Toxicology	3
ENVH 4387	Biological Analysis in Env. Health	4
Social/Behavioral Sciences option	.....	3
Semester Total	.....	16

Second Semester		Credit Hours
ENVH 4347	Ergonomics	3
ENVH 4360	Industrial Hygiene Lab	4
ENVH 4397	Environmental Analysis	4
ENVH 4710	Introduction to Hazardous Waste	3
Semester Total	.....	14
Total	.....	120

Minor in Environmental Health

The objective in offering this minor is to enable students to find a wider selection of employment opportunities. For example, the students may wish to major in biological sciences, chemistry, criminal justice, physics, geography/geology, health science, technology, and pre-med or pre-engineering. A minor in environmental health will broaden their knowledge and augment their chances of employment in their chosen field. If employment is not available in their chosen field, they may be employed in environmental health/public health protection types of work.

A student with a major in the sciences and a minor in environmental health has an enhanced opportunity of finding employment in some industrial settings. As an example, the chemical industry needs environmental control personnel who are trained in chemistry.

Preprofessional majors, who choose not to or are unable to continue in professional school, will be much better prepared to seek employment within a federal, state, or local public health agency.

Admission Requirements – In addition to meeting the requirements for admission to the university, applicants must apply to the Department of Environmental Health. Students must have an overall GPA of 2.30.

Environmental Health Minor 22 Credit Hours

- A. * PUBH 3080 Principles of Epidemiology, and ENVH 3040 Environmental Sanitation 6
- B. Select at least one of the following:
 - * ENVH 4387 Bio. Analysis in Envir. Health, or
 - * ENVH 4397 Environmental Analysis 4
- C. Select at least two of the following:
 - ENVH 3100 Water Supplies and Wastewater Treatment
 - ENVH 3400 Introduction to Air Pollution
 - ENVH 3700 Solid Waste Management
 - ENVH 4340 Occupational Health
 - * ENVH 4607 Food Sanitation Principles 6
- D. At least six hours of other environmental health courses. These courses must be approved by the Department of Environmental Health 6

*Note: Prerequisites must be completed prior to enrollment.

Minor in Safety

The objective of a minor in safety is to allow students in other disciplines to supplement their major knowledge with safety training. For example, students may wish to major in chemistry and minor in safety and thus enhance their chances of being employed in an industry where a strong knowledge of safety programs is needed. Students with the following majors would find a safety minor to be of particular interest: engineering technology, technology, biological sciences, chemistry, criminal justice, and management.

Students minoring in safety should be qualified for a wide variety of employment opportunities with local, state, and federal agencies, as well as with industry. Graduates of this program would be able to offer employers the alternative of hiring an academically qualified safety officer as opposed to the expensive alternative of retraining an employee in safety management.

Admission Requirements – In addition to meeting the requirements for admission to the university, applicants must apply to the Department of Environmental Health.

Safety Minor 20 Credit Hours

ENVH 3500	Environmental Safety	3
ENVH 4347	Ergonomics	3
PUBH 2030	First Aid and Emergency Care	3
PUBH 3010	Accident Prevention	2
ENTC 4777	Safety Management	3
ENVH	Electives	6

Suggested Electives Include:

ENVH 4340	Occupational Health	3
ENVH 4207	Principles of Radiological Health	3
ENVH 4710	Introduction to Hazardous Wastes	3
Cooperative Education	.....	3

The Department of Environmental Health also offers a minor in Emergency/Disaster Response Management. This minor is offered jointly with the Department of Health. Requirements for completion of this minor are listed in the catalog in the Department of Community Health section.

Graduate Study

Admission to the graduate program requires a baccalaureate degree from an accredited institution of higher learning. Majors pursue studies with emphasis in the specialist area or the administrative area. Further information on graduate programs is contained in the Graduate Catalog.

Department of Health Sciences (HSCI)

Box 70673

Phone: (423) 439-4564

The Department of Health Sciences is a multidisciplinary department offering a variety of courses concerning those sciences relevant to or implicating the human body. The department offers the Bachelor of Science (B.S.) degree in Health Sciences. Three concentrations are available, Microbiology with a minor, Microbiology without a minor, and Human Health. In addition, minors in Health Sciences and Microbiology are offered. These courses of study are designed for students who plan to pursue such professions as medicine, dentistry, veterinary medicine, and microbiology. Courses are also offered for students in other disciplines who desire to acquaint themselves with a scientific attitude and the phenomena of living organisms.

Microbiology Concentration (minor required)

During the sophomore year the microbiology major should choose general microbiology and pathogenic microbiology. Frequent advising is necessary to ensure that career objectives are attained.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
SPCH 1300, 2300, or 2320	(select one)	3
MATH 1530	Probability and Statistics	3
BIOL 1110/11	Biology for Science Majors I Lecture/Lab	4

BIOL 1120/21	Biology for Science Majors II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature (select one)		3
Fine Arts (select one)		3
Humanities (select one)		3
PSYC 1310	Introduction to Psychology	3
Social and Behavioral Science (select one)		3
Other graduation requirements		
CSCI 1100	Using Information Technology	3
Additional science requirements 26		
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
PHYS 2010/11	General Physics I Lecture/Lab	4
PHYS 2020/21	General Physics II Lecture/Lab	4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
Microbiology Core (minor required) 31 Credit Hours		
HSCI 3320/21	General Microbiology	4
HSCI 3510	Pathogenic Microbiology	4
HSCI 3540	Immunology	3
HSCI 4607	Bacterial Physiology	4
HSCI 4770	Virology	4
BIOL 4147/57	Biochemistry of Macromolecules Lec/Lab	5
HSCI 4730	Molecular and Microbial Genetics	3
HSCI Elective		4
Minor and Free Electives 19 Credit Hours		
Total Hours Required for Degree 120 Credit Hours		

Microbiology Concentration (no minor required)

During the sophomore year the microbiology major should choose general microbiology and pathogenic microbiology. Frequent advising is necessary to ensure that career objectives are attained.

TBR General Education Requirements 41 Credit Hours		
ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
SPCH 1300, 2300, or 2320 (select one)		3
MATH 1530	Probability and Statistics	3
BIOL 1110/11	Biology for Science Majors I Lecture/Lab	4
BIOL 1120/21	Biology for Science Majors II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature (select one)		3
Fine Arts (select one)		3
Humanities (select one)		3
PSYC 1310	Introduction to Psychology	3
Social and Behavioral Science (select one)		3
Other graduation requirements		
CSCI 1100	Using Information Technology	3
Additional science requirements 26		
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
PHYS 2010/11	General Physics I Lecture/Lab	4
PHYS 2020/21	General Physics II Lecture/Lab	4
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
Microbiology Core (no minor required) 27 Credit Hours		
HSCI 3320/21	General Microbiology	4
HSCI 3510	Pathogenic Microbiology	4
HSCI 3540	Immunology	3
HSCI 4607	Bacterial Physiology	4
HSCI 4770	Virology	4
BIOL 4147/57	Biochemistry of Macromolecules Lec/Lab	5
HSCI 4730	Molecular and Microbial Genetics	3
Microbiology Electives 23		
PUBH 3000	Biostatistics	3
PUBH 3080	Epidemiology	3
Select 17 additional hours from the following list:		
HSCI 3000	Human Anatomy	4
HSCI 3020	Human Physiology	4

HSCI 4747	Mycology	4
HSCI 4480	Clinical Parasitology	4
HSCI 2500	AIDS: Biology and Beyond	3
HSCI 4590	Independent Study	1-4
HSCI 4067	Neurology	4
HSCI 4018	Senior Thesis	3
Total Hours Required for Degree 120 Credit Hour		

The American Society for Microbiology (ASM) program certification requires that the student have at least 20 credit hours in microbiology as broadly defined. In addition to the ASM requirements and a year of Physics (2010-2011, 4 hours; 2020-2021, 4 hours), the National Registry of Microbiologists requires a minimum of one year of work experience before an applicant for registration may take written examinations in general microbiology and in at least two specialty areas. The specialties include both theoretical and applied aspects of pathogenic bacteriology, immunology and serology, parasitology, mycology, virology, and the combined areas of food, dairy, and sanitation microbiology, or of agricultural and industrial microbiology.

Suggested Course Sequence (minor required)
Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
BIOL 1110/11	Biology I Lecture/Lab	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CSCI 1100	Using Information Technology	3
Semester Total		14
Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
BIOL 1120/21	Biology II Lecture/Lab	4
CHEM 1120/21	General Chemistry II Lecture/Lab	4
SPCH 1300, 2300, or 2320 (Communication Requirement)		3
Semester Total		14

Sophomore Year

First Semester		Credit Hours
CHEM 2010/21	Organic Chemistry I Lecture/Lab	5
HSCI 3320/21	General Microbiology Lecture/Lab	4
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
Semester Total		15
Second Semester		Credit Hours
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
HSCI 3510	Pathogenic Microbiology	4
HIST 2020	The United States Since 1877	3
Fine Arts (select one)		3
Semester Total		15

Junior Year

First Semester		Credit Hours
HSCI 4730	Molecular and Microbial Genetics	3
HSCI 3000	Human Anatomy	4
Minor or Free Elective		3
Literature (select one)		3
Social and Behavioral Science (select one)		3
Semester Total		16
Second Semester		Credit Hours
HSCI 3540	Immunology	3
HSCI 4770	Virology	4
Minor or Free Elective		3
PSYC 1310	Introduction to Psychology	3
Humanities (Select one)		3
Semester Total		16

Senior Year

First Semester		Credit Hours
BIOL 4147/57	Biochemistry of Macromolecules Lec/Lab	5
Minor or Free Elective		4
Minor or Free Elective		3
PHYS 2010/11	General Physics I Noncalculus Lec/Lab	4
Semester Total		16
Second Semester		Credit Hours
Minor or Free Elective		4
HSCI 4607	Bacterial Physiology	4
HSCI 4590	Independent Study	2
PHYS 2020/21	General Physics II Noncalculus Lec/Lab	4
Semester Total		14
Total		120

Suggested Course Sequence (no minor required)
Freshman Year

First Semester		Credit Hours
ENGL 1010	Critical Reading and Expository Writing	3
BIOL 1110/11	Biology I Lecture/Lab	4
CHEM 1110/11	General Chemistry I Lecture/Lab	4
CSCI 1100	Using Information Technology	3
Semester Total		14

Second Semester		Credit Hours
ENGL 1020	Critical Thinking and Argumentation	3
BIOL 1120/21	Biology II Lecture/Lab	4
CHEM 1120/21	General Chemistry Lecture/Lab	4
SPCH 1300, 2300, 2320	(Communication Requirement)	3
Semester Total		14

Sophomore Year

First Semester		Credit Hours
CHEM 2010/11	Organic Chemistry I Lecture/Lab	5
HSCI 3320/21	General Microbiology Lecture/Lab	4
MATH 1530	Probability and Statistics	3
HIST 2010	The United States to 1877	3
Semester Total		15

Second Semester		Credit Hours
CHEM 2020/21	Organic Chemistry II Lecture/Lab	5
HSCI 3510	Pathogenic Microbiology	4
HIST 2020	The United States Since 1877	3
Fine Arts	(Select one)	3
Semester Total		15

Junior Year

First Semester		Credit Hours
HSCI 4730	Molecular and Microbial Genetics	3
HSCI 3000	Human Anatomy	4
PUBH 3000	Biostatistics	3
Literature	(Select one)	3
Social and Behavioral Science	(Select one)	3
Semester Total		16

Second Semester		Credit Hours
HSCI 3540	Immunology	3
HSCI 4770	Virology	4
PUBH 3080	Epidemiology	3
PSYC 1310	Introduction to Psychology	3
Humanities	(Select one)	3
Semester Total		16

Senior Year

First Semester		Credit Hours
BIOL 4147/57	Biochemistry of Macromolecules Lec/Lab	5
HSCI 4747	Mycology	4
HSCI 2500	AIDS: Biology and Beyond	3
PHYS 2010/11	General Physics I Noncalculus Lecture/Lab	4
Semester Total		16

Second Semester		Credit Hours
HSCI 3020	Human Physiology	4
HSCI 4607	Bacterial Physiology	4
HSCI 4590	Independent Study	2
PHYS 2020/21	General Physics II Noncalculus Lecture/Lab	4
Semester Total		14
Total		120

This concentration will satisfy the university's requirement for a major and a minor field of study. All majors and minors must work in close consultation with their departmental advisors in preparing their schedules. Failure to do so could result in improper scheduling which might require extra coursework. All graduates must complete the General Education Core Requirements as listed in this catalog.

Human Health Concentration

The purpose of the Human Health Concentration is to provide a "human-centric" program with exposure to current concepts, laboratory techniques, and disease prevention/health care recommendations and protocols. Emphases will be placed on anatomy, physiology, disease, and human health. The program is intended for students:

- desiring to enter the health care industry, but uncertain about a specific health discipline
- targeting specific health disciplines, particularly those that require graduate degrees, or
- who complete the concentration as a foundation for technical, managerial, or administrative work in health care and industry.

TBR General Education Requirements 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking & Argumentation	3
SPCH 1300, 2300, or 2320	(select one)	3
MATH 1530	Probability and Statistics	3
BIOL 1110/11	Biology for Science Majors I Lecture/Lab	4
BIOL 1120/21*	Biology for Science Majors II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature	(select one)	3
Fine Arts	(select one)	3
Humanities	(select one)	3
Social and Behavioral Science	(select two)	6

*BIOL 1130/31 may be substituted for BIOL 1120/21.

Other graduation requirements

CSCI 1100	Using Information Technology	3
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Major Field Core 16 Credit Hours

CHEM 1110/11	General Chemistry I	4
CHEM 1120/21	General Chemistry II	4
PHYS 2010/11	General Physics I (non-calculus)	4
PHYS 2020/21	General Physics II (non-calculus)	4

Concentration Requirements 40 Credit Hours

HSCI 2500	HIV/AIDS: Biology and Beyond	3
HSCI 3000	Human Anatomy	4
HSCI 3020	Human Physiology	4
HSCI 3030/31	Introduction to Biochemistry and Lab	4
HSCI 3540	Immunology	3
PUBH 3080	Principles of Epidemiology	3
HSCI 4067	Neurology	4
PUBH 3000	Biostatistics	3
ENVH 3010	Human Ecology ENV	3
ENVH 3040	Environmental Sanitation	3
HSCI 3046	Human Genetics	3
HSCI 3006	Microbes and Human Disease	3

Electives 23 Credit Hours

Total Hours Required for Degree 120 Credit Hour

Health Sciences Minor

Health Sciences Minor 22 Credit Hours

HSCI 3000	Human Anatomy	4
HSCI 3020	Human Physiology	4
HSCI 3320/21	General Microbiology Lecture/Lab	4
*BIOL 4167/77	Biochemistry of Metabolism	5
Electives		5

*BIOL 4147/4157 may be substituted

Microbiology Minor

Microbiology Minor 19 Credit Hours

HSCI 3320/21	General Microbiology Lecture/Lab	4
HSCI 3510	Pathogenic Microbiology	4
HSCI 4480	Clinical Parasitology	4
HSCI 4770	Virology	4
HSCI 3540	Immunology	3

Graduate Study – The department also offers the Master of Science in Microbiology. The M.S. is offered as a concentration in the Department of Biological Sciences in the College of Arts and Sciences. Further information on graduate programs is contained in the Graduate Catalog.

**Department of Health Services Administration
(HESA)**

Box 70264

Phone: (423) 439-4346

The Department of Health Services Administration offers the bachelor of science degree (B.S.) in public health with a concentration in health administration. Students gain the knowledge and skills necessary to become effective health care administrators capable of managing and delivering health services in a variety of settings.

Students completing the health administration concentration with a minor in management and completing an internship at a long-term care facility may take the Tennessee State Licensing Exam for Nursing Home Administrator.

TBR General Education Requirements: 41 Credit Hours

ENGL 1010	Critical Reading & Expository Writing	3
ENGL 1020	Critical Thinking and Argumentation	3
SPCH 2300	Public Speaking	3
MATH 1530	Probability & Statistics	3
HSCI 2010/11	Anatomy & Physiology I Lecture/Lab	4
HSCI 2020/21	Anatomy & Physiology II Lecture/Lab	4
HIST 2010	The United States to 1877	3
HIST 2020	The United States Since 1877	3
Literature ¹		3
Fine Arts ¹		3
ECON 2210	Principles of Economics I	3

PHIL 2640	Science and the Modern World	3
PSYC 1310	Introduction to Psychology	3

¹ See General Education Core Requirements.

Public Health Core 47 Credit Hours

ENVH 3040	Environmental Sanitation I	3
PUBH 1010	Lifetime Behaviors for Healthy Living	3
PUBH 2030	First Aid and Emergency Care	3
PUBH 2750	Medical Terminology	3
PUBH 3000	Biostatistics	3
PUBH 3080	Principles of Epidemiology	3
PUBH 3200	Health Services Administration	3
PUBH 4030	Community Health	3
PUBH 4220	Family Health and Human Sexuality	2
PUBH 4457	Emerging Technology for Health Professions	3
PUBH 4607	Gerontology and Health	3

PUBH 4927	Cultural Competence and Spirituality in Health Care	3
PUBH 4850	Field Experience	12

Health Administration Concentration 15 Credit Hours

PUBH 2100	Health Systems	3
PUBH 3220	Health Services Planning	3
PUBH 3600	Quality & Utilization Assurance	3
PUBH 3950	Principles of Public Health Research	3

Electives (select at least one of the following)

PUBH 3120	Principles & Practices of Public Health Ed	3
PUBH 3950	Public Health Research	3
PUBH 4357	Thanatology	3

Minor 18 Credit Hours

Total Hours Required for Degree..... 121-122 Credit Hours

School of Graduate Studies
P.O. Box 70720**Phone: (423) 439-4221**

The School of Graduate Studies currently offers 15 master's degrees, covering a wide range of academic disciplines, as well as the Education Specialist degree (Ed.S.), the Doctor of Audiology (Au.D.), the Doctor of Education (Ed.D.), the Doctor of Philosophy (Ph.D.), the Doctor of Sport Physiology and Performance, and the Doctor of Science in Nursing (Ph.D.) degrees. In addition to these degree programs, ETSU offers graduate certificates in: Advanced Nursing Practice, Epidemiology, Gerontology, Health Care Management, Business Administration, E-Business, Entrepreneurial Leadership, Archival Studies, and Emerging Technology.

Specific degree and certificate program requirements are found in the Graduate Catalog. Upon completion of the bachelor's degree, a student may take courses in a degree program or as a non-degree graduate. Undergraduates are welcome to apply for admission during their final year of coursework and can be admitted contingent upon completion of the undergraduate degree.

Graduate Program Specialists

Each graduate program or major is represented by a Graduate Program Specialist who is prepared to assist students with all aspects of the graduate process, from admission through graduation. If you have questions or would like to explore options for graduate study, please contact the appropriate program specialist listed below. Non-degree student applications are processed by Ms. Fiona Goodyear, goodyear@etsu.edu, (423) 439-4707.

Sheila Bennett	bennetsg@etsu.edu (423) 439-4708	Audiology, Biomedical Sciences, Computer Science, Speech Pathology, and one (1) certificate program: Emerging Technology
Mary Duncan	duncanm@etsu.edu (423) 439-4302	Allied Health, Environmental Health, Physical Therapy, Public Health, and five (5) certificate programs: Biostatistics, Epidemiology, Gerontology, Health Care Management, and Rural Health
Cindy Hill	hillcc@etsu.edu (423) 439-6590	M.B.A., Accounting, all degrees in Educational Leadership and Policy Analysis, Social Work, and two (2) certificate programs: Business Administration and Entrepreneurial Leadership
Robin O'Dell	odell@etsu.edu (423) 439-6148	Counseling, Early Childhood Education, Elementary and Secondary Education, M.A.T., Educational Media and Technology, Reading/Storytelling, Special Education, Advanced Studies in Teaching and Learning (RODP), and one (1) certificate program: School Library Professional
Rene Palumbo	palumbo@etsu.edu (423) 439-6158	Kinesiology, Liberal Studies, Nursing, Public Administration, Technology, and five (5) certificate programs: Advanced Nursing Practice, Advanced Nursing Practice (RODP), Archival Studies, Economic Development, and Urban Planning
Gail Powers	powers@etsu.edu (423) 439-4703	Art, Biological Sciences, Chemistry, Clinical Nutrition, English, History, Mathematics, Microbiology, Communications (Professional), Sociology, Psychology, Professional Studies and one (1) certificate program: Forensic Document Examination

Application for Graduate Study

Any student wishing to take graduate courses, whether degree seeking or non-degree, may submit a traditional paper application or an electronic application. Paper applications are available in the Graduate Office, located at 309 Burgin Dossett Hall, and will be mailed on request. Electronic applications are available at the Graduate School web site: www.etsu.edu/goldlink.htm

Both paper and electronic formats contain complete instructions and requirements for admission.

Non-Degree Students

Students who wish to take graduate coursework but do not wish to pursue a graduate degree should apply for admission as Graduate Non-Degree students. Graduate Non-Degree classification is limited to those students who have earned a bachelor's degree and who wish to take graduate-level classes. All Graduate Non-Degree applicants must provide official transcripts verifying that they have earned a bachelor's degree from a regionally accredited institution and must receive approval to register from the chair or graduate coordinator of the appropriate department. All questions regarding non-degree status should be directed to Robin O'Dell, (423) 439-6148, odell@etsu.edu.

Advanced Admission for Undergraduates

A senior lacking no more than nine credit hours for graduation at East Tennessee State University may petition to register for graduate courses during the final semester of undergraduate enrollment. The petition form is available in the Graduate Office. The following stipulations apply:

1. Student must be within 9 hours of completion of the undergraduate degree at ETSU.
2. The total course load for a senior enrolled for graduate coursework may not exceed 12 credit hours.
3. Student must meet the undergraduate grade point average required in his or her specific program.
4. Undergraduate degree must be completed during the semester in which the student is allowed to register for graduate work.

Graduate Catalog

The School of Graduate Studies issues a Catalog which includes detailed information about graduate program offerings and requirements for admission. The Catalog is available in hard copy and online. For a hard copy, please send an e-mail to gradsch@etsu.edu or write to the School of Graduate Studies, East Tennessee State University, P.O. Box 70720, Johnson City, TN 37614-1710. The online Catalog is available at: www.etsu.edu/reg/grad-cat-index.htm

Faculty Listing

COLLEGE OF ARTS AND SCIENCES

- Ahmad, Zulfigar (2006) Assistant Professor** **Biological Sciences**
B.S., 1986, Delhi University;
M.S., 1988 and Ph.D., 1992, Tamia Millia Islamia.
- al-Imad, Leila (1987) Associate Professor** **History**
B.A., 1970, Beirut College for Women, Beirut, Lebanon;
B.A., 1973, American University of Beirut;
Ph.D., 1986, New York University.
- Allen, Michael P. (2006) Assistant Professor** **Philosophy and Humanities**
B.A., 1984, University College of Wales at Aberystwyth;
M.A., 1998, California State University at Los Angeles;
Ph.D., 2005, St. Louis University.
- Alsop, Fred J. (1972) Professor** **Biological Sciences**
B.S., 1964, Austin Peay State University;
M.S., 1968 and Ph.D., 1972, University of Tennessee.
ETSU Distinguished Faculty Member, 1976.
College of Arts and Sciences Service Award, 1998, and Research Award, 2002.
ETSU Faculty Senate President 2007-2008.
- Anastasia, Lynda B. (2005) Assistant Professor** **Social Work**
A.B., 1969, Albertus College;
M.S.W., 1977 and Ph.D., 2003, University of Pittsburgh.
- Anderson, Gordon K. (2004) Professor** **Chemistry**
Dean, College of Arts and Sciences
B.Sc., 1976 and Ph.D., 1979, University of Glasgow, UK.
- Antkiewicz, Henry J. (1988) Professor** **History**
B.A., 1963 and M.A., 1967, University of Michigan;
Ph.D., 1976, The Ohio State University.
- Armentrout, Sheila W. (2007) Lecturer** **Chemistry**
B.S., 1990, Mississippi University for Women;
Ph.D., 1998, University of Southern Mississippi.
- Bach, Bert C. (1994) Professor** **English**
Provost, Vice President for Academic Affairs
Ph.D., 1966, New York University.
- Baggett, Paul (2002) Associate Professor** **Social Work**
B.S.S.W., 1981, Lock Haven University;
M.S.W., 1983, University of Georgia;
Ph.D., 1994, University of Tennessee-Knoxville.
- Barker, Jennifer L. (2008) Assistant Professor** **English**
Director, Film Studies
B.A., 1990, Tulane University;
M.F.A., 1992, University of Oregon;
M.A., 1997, and Ph.D., 2005, Indiana University.
- Barnum, Amy S. (2000) Archivist** **Appalachian Studies and Services**
B.A., 1977 and M.L.S., 1980, State University of New York.
- Battista, Andrew C. (1984) Associate Professor** **Political Science, International Affairs, and Public Administration**
B.A., 1973, Miami University;
M.A., 1975 and Ph.D., 1984, Pennsylvania State University.
- Beck, Jeffrey P. (1993) Professor** **English**
Associate Dean, School of Graduate Studies
B.A., 1986, University of Iowa;
M.A., 1988 and Ph.D., 1993, Indiana University.
- Beck, Scott H. (1984) Professor** **Sociology and Anthropology**
B.A., 1976, Florida International University;
M.S., 1977, Florida State University;
Ph.D., 1981, University of Florida.
- Beeler, Robert A. Assistant Professor** **Mathematics and Statistics**
B.S., 2001 and M.S., 2002, University of Tennessee – Knoxville;
Ph.D., 2007, Clemson University.
- Blackhart, Ginette C. (2006) Assistant Professor** **Psychology**
B.S., 2001, Eastern Washington University;
M.S., 2003 and Ph.D., 2005, Florida State University.
- Blackman, Mary Dave (1997) Associate Professor** **Music**
B.A., 1978 and M.M.Ed., 1984, University of South Carolina;
Ph.D., 1989, University of Texas-Austin.
- Boner, Daniel T. (2007) Assistant Professor** **Appalachian Studies**
Director, Bluegrass, Old Time, and Country Music
B.A., 2006, East Tennessee State University.
- Brewster, Karen (2000) Associate Professor** **Communication**
B.A., 1979, East Tennessee State University;
M.F.A., 1982, Michigan State University.
- Briggs, Michael (2008) Lecturer** **English**
B.A., 1983, and M.A., 1986, East Tennessee State University.
- Briley, John D. (2001) Associate Professor** **Political Science, International Affairs, and Public Administration**
B.A., 1978, M.P.A., 1981, and Ph.D., 1994, University of Tennessee - Knoxville.
- Brown, Carl (2007) Lecturer** **Communication**
B.A., 2004 and M.A., 2007, East Tennessee State University.
- Brown, Danny Anderson (1984) Professor** **Communication**
Associate Dean, College of Arts and Sciences
B.S., 1969, North Carolina State University;
M.A.E., 1975, Western Carolina University;
Ph.D., 1982, University of Massachusetts.
- Brown, Russell W. (2000) Associate Professor** **Psychology**
B.S., 1992, University of Oklahoma;
M.S., 1995 and Ph.D., 1998, University of Kentucky.
- Buck, Patricia G. (2005) Lecturer** **English**
A.B., 1971, Radcliffe College;
M.A., 1988, East Tennessee State University.
- Buerkle, C. Wesley (2005) Assistant Professor** **Communication**
B.A., 1997, Biola University;
M.A., 2000, Arizona State University;
Ph.D., 2004, Louisiana State University.
- Burgess, William Douglas Jr. (1986) Professor** **History**
A.A., 1968, Florida College;
B.A., 1972 and M.A., 1975, University of South Florida;
Ph.D., 1985, University of Wisconsin.
- Burnham, J. P. (2000) Assistant Professor** **Social Work**
B.S., 1974 and M.A., 1977, Washington State University;
M.S.W., 1992, Florida International University.
- Cajka, Karen (2004) Associate Professor** **English**
B.A., 1988, University of Pennsylvania;
M.A., 1996, Northeastern University;
Ph.D., 2003, University of Connecticut.
- Cantrell, Peggy J. (1982) Professor** **Psychology**
B.S., 1976, Virginia Commonwealth University;
M.A., 1979 and Ph.D., 1982, University of Southern Mississippi.
- Cao, Lijuan (2007) Lecturer** **Foreign Languages**
B.A., 2001, Beihang University, Beijing, China;
M.A., 2007, Texas Technological University.
- Carter, Daryl A. (2008) Assistant Professor** **History**
B.S., 2004 and M.A., 2006, East Tennessee State University.
- Caton, Benjamin D., III (1972) Professor** **Music**
B.S.M.E., 1968, East Tennessee State University;
M.A., 1972 and Ph.D., 1982, Ohio State University.
- Cavender, Anthony (1988) Professor** **Sociology and Anthropology**
B.A., 1971, Belmont College;
M.A., 1974 and Ph.D., 1981, University of Tennessee.
- Cecil, David (2004) Assistant Professor** **Social Work**
B.A., 1994 and M.S.W., 1998 University of Kentucky;
Ph.D., 2004, University of South Carolina.
- Champouillon, David (2000) Professor** **Music**
A.A.S., 1979, Onondaga Community College;
B.M., 1987, University of Miami;
M.A., 1988, Eastern Illinois University;
D.A., 1998, University of Northern Colorado.

- Chen, Catherine (Ke) (2006) Assistant Professor Geosciences**
 B.S., 1998, Nanjing University;
 M.S., 2001, Beijing Normal University;
 Ph.D., 2006, University of Cincinnati.
- Chen, Weixing (1995) Professor Chair, Political Science, International Affairs, and Public Administration**
 B.A., 1982, Shandong University, China;
 M.A., 1986, College of International Relations, China;
 Ph.D., 1992, Northern Illinois University.
 ETSU Distinguished Faculty Award, 2003.
- Clements, Andrea D. (1995) Professor Psychology**
 B.S., 1982, M.A., 1984 and Ph.D., 1991, University of Alabama.
- Close, David M. (1978) Professor Physics and Astronomy**
 A.B., 1964, Franklin and Marshall College;
 M.S., 1967, West Virginia University;
 Ph.D., 1973, Clark University.
 ETSU Foundation Research Award, 1988.
- Coates, Allen B. (2005) Assistant Professor Philosophy and Humanities**
 B.A., 1990 and M.A., 1996, University of New Mexico;
 Ph.D., 2004, Vanderbilt University.
- Cody, Michael A. (2001) Associate Professor English Director, University Honors**
 B.A., 1993, University of North Carolina-Asheville;
 M.A., 1995, Western Carolina University;
 Ph.D., 2000, University of South Carolina.
- Cole, Mary E. (Betsie) (2002) Lecturer Sociology and Anthropology**
 B.S., 1976, and M.A., 1980, East Tennessee State University.
- Collier, Jamie (2008) Lecturer Communication**
 B.S., 2005 University of Tennessee;
 M.A., 2007, East Tennessee State University.
- Cook, Phillip M. (2007) Lecturer Chemistry**
 B.S., 1969, Marshall University;
 Ph.D., 1977, University of Tennessee.
- Copp, Martha (1993) Professor Chair, Sociology and Anthropology**
 B.S., 1984, Texas A&M University;
 M.A., 1987 and Ph.D., 1993, University of North Carolina.
- Corso, Joseph W. (1974) Assistant Professor Political Science, International Affairs, and Public Administration**
 B.S., 1964, Loyola University - Chicago;
 M.A., 1966, University of Notre Dame;
 Ph.D., 1973, University of Missouri - Columbia.
- Cox, Mary Ellen (2004) Assistant Professor Social Work**
 A.S., 1981, Cleveland State Community College;
 B.A., 1983, M.S.W., 1996, and Ph.D., 2000, University of Tennessee.
- Crofts, Thomas H. (2004) Associate Professor English**
 B.A., 1990, Bard College;
 M.Phil., 1992, Trinity College, Dublin;
 M.A., 1997 and Ph.D., 2003, University of Wisconsin-Madison.
- Cronin, Patrick J. (2001) Professor Communication Artist in Residence**
 B.A., 1963, LaSalle University;
 M.S., 1968, Temple University.
- Crooke, William (2008) Assistant Professor Foreign Languages**
 B.A., 1984, Florida State University;
 M.A., 1988 and Ph.D., 2003, University of California, Berkeley.
- Crumley, Michele L. (2009) Assistant Professor Political Science, International Affairs, and Public Administration**
 B.A., 1989, University of Tennessee;
 M.P.A., 1992, University of Pittsburgh;
 Ph.D., 2005, University of Connecticut.
- Cutshaw, Lise (1998) Lecturer Communication**
 B.S., 1980, B.S., 1981, and M.A., 2007, East Tennessee State University.
- Dalton, Bruce O. (2003) Associate Professor Social Work**
 B.A., 1982, University of Michigan-Flint;
 M.S.W., 1988, University of Michigan;
 Ph.D., 1995, Rutgers University.
- Dalton, III, William T. (2007) Assistant Professor Psychology**
 B.S., 1997, Mississippi State University;
 M.A., 1999, Appalachian State University;
 Ph.D., 2003, University of Memphis.
- Davidson, Robert (1985) Professor Mathematics and Statistics**
 B.S., 1970, Valdosta State College;
 M.A., 1978, Pembroke State University;
 Ed.D., 1984, University of Tennessee-Knoxville.
- Davis, Don R. (2000) Associate Professor Art and Design**
 B.F.A., 1972, University of Florida;
 M.F.A., 1974, Rhode Island School of Design.
- Deadman, Alison P. (1998) Associate Professor Music**
 B.A., 1986 and M.Phil., 1990, Leeds University;
 M.A., 1992, California State University, Fresno;
 Ph.D., 1998, University of California, Los Angeles
- DeAngelis, Anita M. (1994) Professor Art and Design Associate Dean, College of Arts and Sciences**
 B.F.A., 1981, University of Texas-Austin;
 M.F.A., 1986, Arizona State University.
- Dixon, David (1989) Associate Professor Art and Design**
 B.A., 1976 and M.F.A., 1984, University of Tennessee.
- Dixon, Jr., Wallace E. (2002) Professor Chair, Psychology**
 B.A., 1985, University of Toledo;
 M.A., 1987 and Ph.D., 1990, Miami University.
- Dorgan, Kelly (2003) Associate Professor Communication**
 B.S., 1990, Appalachian State University;
 M.A., 1991, University of Kentucky;
 Ph.D., 2001, University of Georgia.
- Drinkard-Hawkshawe, Dorothy (1989) Professor History**
 B.A., 1960 and M.A., 1963, Howard University;
 Ph.D., 1974, Catholic University of America.
- Dula, Christopher S. (2004) Assistant Professor Psychology**
 B.A., B.S., 1996, University of North Carolina—Charlotte;
 M.A., 2000, Appalachian State University;
 Ph.D., 2003, Virginia Polytechnic Institute and State University.
- Dyer, M. Wayne (1983) Professor Art and Design**
 B.S., 1973, Madison College;
 M.F.A., 1983, Radford University.
 ETSU Distinguished Faculty Award 1999.
- Elhindi, Yousif A. (1998) Associate Professor English**
 B.A., 1975, University of Khartoum;
 M.A., 1981, University of Sheffield;
 Ph.D., 1995, Oklahoma State University.
- Ellis, Jon B. (1989) Professor Psychology**
 B.S., 1973, Virginia Polytechnic Institute and State University;
 M.S., 1981, Radford University;
 Ph.D., 1989, University of Southern Mississippi.
- Ellwanger, Steven (2005) Assistant Professor ... Criminal Justice and Criminology**
 B.A., 1993 and M.P.A., 1999, University of Nevada, Reno;
 Ph.D., 2005, Washington State University.
- Espino, Brian N. (2007) Lecturer Physics and Astronomy**
 B.S., 2001, University of Central Florida;
 M.S., 2006, Kansas State University.
- Essin, Emmett M. (1967) Professor History**
 A.B., 1964, Austin College;
 M.A., 1965 and Ph.D., 1968, Texas Christian University.
 ETSU Distinguished Faculty Member, 1976.
- Felker, Lon S. (1988) Professor Political Science, International Affairs, and Public Administration**
 A.B., 1968, University of South Carolina;
 M.A., 1969 and Ph.D., 1975, Michigan State University.
- Flanary, Adriane Dishner (2004) Lecturer Communication**
 B.A., 2001 and M.A., 2003, East Tennessee State University.
- Floyd, Andrea R. (2009) Assistant Professor Psychology**
 B.A., 2002, M.A., 2004, and Ph.D., 2007, University of Louisville.

- Franklin, Jay D. (2004) Assistant Professor Sociology and Anthropology**
B.A., 1992, M.A., 1999, and Ph.D., 2002, University of Tennessee.
- Fritz, Stephen G. (1984) Professor History**
B.A., 1971, M.A., 1973 and Ph.D., 1980, University of Illinois.
Distinguished Faculty Award, 1996.
- Funk, Robert David (1998) Professor Communication**
B.S., 1976, Western Carolina University;
M.F.A., 1984, University of North Carolina-Greensboro.
- Gardner, Robert B. (1993) Professor Mathematics and Statistics**
B.S., 1984, M.S., 1987, M.S., 1992 and Ph.D., 1991, Auburn University.
ETSU Distinguished Faculty Award 1998.
- Gao, Yongli (2004) Assistant Professor Geosciences**
B.S., 1991, and M.S., 1994, Beijing University;
M.S., 2002, and Ph.D., 2002, University of Minnesota.
- Gerard, Mira (2001) Associate Professor Art and Design**
B.F.A., 1991, Indiana University;
M.F.A., 2001 University of Georgia.
- Gillespie, Wayne (2001) Associate Professor Criminal Justice and Criminology**
Assistant Dean, School of Graduate Studies
B.A., 1993, College of William and Mary;
M.A., 1998, East Tennessee State University;
Ph.D., 2001, University of Kentucky.
- Giroux, Mark L. (2001) Associate Professor Physics and Astronomy**
Sc.B., 1981, Brown University;
Ph.D., 1992, University of Texas.
ETSU Distinguished Faculty Award, 2008.
- Godbole, Anant (2000) Professor Chair, Mathematics and Statistics**
B.Sc., 1975, Bombay University, India;
M.S., 1980 and Ph.D., 1984, Michigan State University.
- Gold, Jeffrey B. (1978) Professor Philosophy and Humanities**
B.A., 1973, University of Wisconsin;
M.A., 1975 and Ph.D., 1978, Ohio State University.
- Graves, Travis H. (2005) Assistant Professor Art and Design**
B.F.A., 1996, Iowa State University;
M.F.A., 2003, University of Wisconsin-Madison.
- Green, J. Keith (2002) Assistant Professor Philosophy and Humanities**
A.B., 1980, Saint Olaf College;
M.Div., 1984, Yale University;
Ph.D., 1992, Brown University.
- Gregg, Christopher E. (2005) Assistant Professor Geosciences**
Sc.B., 1992, Tennessee Technological University;
M.Sc., 1998, University of Canterbury, New Zealand;
Ph.D., 2005, University of Hawaii at Manoa.
- Grissett, Barbara B. (2003) Associate Professor Social Work**
B.S., 1968, Southern Missionary College;
M.S.W., 1981 and Ph.D., 1992, University of Texas-Arlington.
- Grover, Kathleen H. (1976) Assistant Professor English**
B.A., 1964, Florida State University;
M.A., 1967, Memphis State University.
- Grzych, Frank J. (2007) Professor Chair, Music**
B.M.E., 1972 and M.A., 1979, Western Illinois University;
D.M.A., 2004, Catholic University of America.
- Gunter, Charles R., Jr. (1964) Associate Professor Geosciences**
B.S., 1962, Middle Tennessee State University;
M.A., 1963, University of Tennessee.
- Hagelberg, Frank B. (2007) Associate Professor Physics and Astronomy**
B.S., 1977, M.S., 1985, and Ph.D., 1989, University of Bonn, Germany.
- Haley, Darryl E. (1999) Associate Professor English**
Director, Technical Writing Minor
B.A., 1992, University of Arkansas;
M.A., 1994, University of Arkansas-Little Rock;
Ph.D., 1999, University of Alabama.
- Hall, Delbert L. (1986) Professor Communication**
B.S., 1977, Western Carolina University;
M.F.A., 1981, University of North Carolina-Greensboro;
Ph.D., 1986, University of Florida.
- Hall, Ken (1999) Professor Foreign Languages**
B.A., 1975, Furman University;
M.A., 1978, University of North Carolina-Chapel Hill;
Ph.D., 1986, University of Arizona.
- Halvorson, Helene K. (2003) Associate Professor Social Work**
M.S.W. Director
BPh., 1969, University of North Dakota;
M.S.W., 1976, Barry University;
Ph.D., 1999, University of Tennessee.
- Hamm, Dennis G., Jr. (1998) Instructor Criminal Justice and Criminology**
Advisor, College of Arts and Sciences
B.S., 1967, East Tennessee State University;
M.Div., 1970, Southern Seminary;
M.Ed., 1978, University of Virginia;
D.Mn., 1980, Union Seminary in Virginia.
- Hardin, Sherri (1989) Assistant Professor Mathematics and Statistics**
B.S., 1987, M.Ed., 1989, and Ed.D., 1995, East Tennessee State University.
- Harker, Cara L. (2007) Assistant Professor Theatre, Dance**
B.A., 1999, Thomas More College;
M.F.A., 2003, Chicago College of Performing Arts at Roosevelt University.
- Harker, David W. (2006) Assistant Professor Philosophy and Humanities**
B.A., 1998 and M.A., 1999, University of Sheffield;
Ph.D., 2006, University of Illinois at Chicago.
- Harrington, Karen A. (1986) Associate Professor .. Foreign Languages**
B.A., 1973 and M.A., 1978, California State University Northridge;
Ph.D., 1986, University of California, Los Angeles.
- Hayes, Tammy (1994) Assistant Professor Communication**
B.S., 1987, East Tennessee State University;
M.S., 1988, Indiana State University.
- Haynes, Teresa (1988) Professor Mathematics and Statistics**
B.S., 1975 and M.S., 1984, Eastern Kentucky University;
Ph.D., 1988, University of Central Florida.
- Heil, Katrina M. (2007) Assistant Professor Foreign Languages**
B.A., 1998, Trinity University;
M.A., 2000, University of North Carolina at Chapel Hill;
Ph.D., 2006, University of Texas at Austin.
- Helfgott, Michel (2004) Associate Professor Mathematics and Statistics**
B.S., 1972, Universidad de San Marcos;
M.S., 1994, Northern Arizona University;
Ed.D., 1997, Montana State University.
- Henderson, Daphne M. Social Work**
B.S.W., 1997, Texas A&M University;
M.S.S.W., 1998 and Ph.D.SW, 2004, University of Texas.
- Henson, Gary D. (1989) Assistant Professor Physics and Astronomy**
B.S., 1979, University of Central Arizona;
M.S., 1982, University of New Mexico;
Ph.D., 1989, University of Oregon.
ETSU Distinguished Faculty Award, 2004.
- Herrin, Mindy (2004) Assistant Professor Art and Design**
B.F.A., 1998, Texas Tech University;
M.F.A., 2002, Indiana University.
- Herrin, Roberta T. (1976) Professor Chair, Appalachian Studies**
Director, Center for Appalachian Studies and Services
B.S., 1970 and M.A., 1972, East Tennessee State University;
Ph.D., 1986, University of Tennessee.
- Hester, Wendell H. (1975) Associate Professor Sociology and Anthropology**
A.B., 1965, University of Miami;
M.A., 1967 and Ph.D., 1973, Emory University.

- Hirsch, Jameson K. (2007) Assistant Professor** Psychology
B.A., 1992 and M.A., 1994, East Tennessee State University;
Ph.D., 2003, University of Wyoming.
- Ho, Chu-Ngi (1983) Associate Professor** Chemistry
B.S., 1975, Denison University;
Ph.D., 1980, University of Washington.
- Holland, Mark (1986) Professor** English
B.A., 1972, Heidelberg College;
M.A., 1977 and Ph.D., 1984, Miami University.
- Holmes, Thomas Alan (1996) Associate Professor** English
Associate Dean, College of Arts and Sciences
B.A., 1981, M.A., 1985 and Ph.D., 1990, University of Alabama.
- Hosler, Deborah Susan (2002) Instructor .. Mathematics and Statistics**
B.S., 1995 and M.S., 2002, East Tennessee State University.
- Hu, Chih-Long (2006) Assistant Professor** Music
B.E., 1998, National Taiwan University;
M.A., 2000, Taipei National University;
D.M.A., 2006, University of Michigan.
- Hull, Vida J. (1986) Professor** Art and Design
B.A., 1968, Rollins College;
M.A., 1970, Ohio State University;
Ph.D., 1979, Bryn Mawr College.
- Ignace, Richard (2003) Associate Professor** Physics and
Astronomy
B.S., 1991, Indiana University;
M.S., 1993, M.S., 1994, and Ph.D., 1996, University of Wisconsin.
- Jennings, David (2002) Instructor** Geosciences
B.S., 1998 and M.S., 2002, East Tennessee State University.
- Jenrette, Thomas S. (1979) Professor** Music
A.B., 1968 and M.M., 1970, University of North Carolina;
D.M.A., 1976, University of Michigan.
- Jessee, D. J. (2002) Instructor** Communication
B.S., 1979, East Tennessee State University.
- Jiang, Yu-Lin (2006) Assistant Professor** Chemistry
B.Sc., 1986 and M.Sc., 1989, Jilin University;
M.S., 1997 and Ph.D., 2000, University of Adelaide.
- Johnson, Donald R. (1983) Professor** English
Poet in Residence
B.A., 1964 and M.A., 1966, University of Hawaii;
Ph.D., 1972, University of Wisconsin-Madison.
ETSU Foundation Research Award, 1991.
- Jones, Jodi Polaha (2006) Assistant Professor** Psychology
M.S., 1996 and Ph.D., 1998, Auburn University.
- Jones, Thomas Charles (2006) Assistant Professor** Biological
Sciences
B.S., 1990 and M.S., 1993, Cleveland State University;
Ph.D., 2000, Ohio State University.
- Joplin, Karl H. (1994) Associate Professor** Biological Sciences
B.S., 1973, University of Washington;
M.S., 1982 and Ph.D., 1989, Ohio State University.
- Kady, Ismail (1990) Associate Professor** Chemistry
B.S., 1977 and M.S., 1979, University of Jordan;
Ph.D., 1986, Michigan State University.
- Kamolnick, Paul (1991) Associate Professor** Sociology and
Anthropology
B.S., 1983, M.S., 1987, and Ph.D., 1990, Florida State University.
- Karsai, Istvan (2001) Associate Professor** Biological Sciences
M.S., 1987 and Ph.D., 1997, Jozsef Attila University.
- King, C. Lindsey (2004) Lecturer** Sociology and Anthropology
B.S., 1977, East Tennessee State University;
M.A., 1990, Georgia State University;
Ph.D., 1999, University of Tennessee.
- King, John (1999) Associate Professor** Communication
B.A., 1984, M.S., 1991 and Ph.D., 1995, University of Tennessee.
- Kinser, Amber E. (1997) Professor** Chair, Communication
B.A., 1987 and M.A., 1989, University of South Florida;
Ph.D., 1997, Purdue University.
ETSU Distinguished Faculty Award, 2009.
- Kirkby, Scott (2003) Assistant Professor** Chemistry
B.Sc., 1989, University of Western Ontario
Ph.D., 1996, University of Toronto.
- Kirkwood, William (1978) Professor** Communication
**Associate Vice President for Academic Affairs and
Executive Director, Office of Planning and Analysis**
B.S., 1973, M.A., 1974 and Ph.D., 1978, Northwestern University.
- Knisley, Debra (1990) Professor** Mathematics and Statistics
B.S., 1976 and M.S., 1979, Tennessee Technological University;
Ph.D., 1989, Memphis State University.
- Knisley, Jeff (1990) Associate Professor .. Mathematics and Statistics**
B.A., 1985, Carson-Newman College;
M.S., 1988 and Ph.D., 1990, Vanderbilt University.
- Kornweibel, Karen R. (2007) Assistant Professor** English
B.A., 1994, University of California, San Diego;
M.A., 1997, and Ph.D., 2000, University of Texas, Austin.
- Koterbay, Scott M. (1998) Associate Professor** Art and Design
MA, 1992 and Ph.D., 1998, University of St. Andrews, Scotland.
- Kortum, Richard D. (1999) Associate Professor** Philosophy and
Humanities
B.A., 1985, Duke University;
D. Phil., 1995, Oxford University.
- Kuczynski, Kay (2000) Assistant Professor** Social Work
B.S., 1965, Edgewood College;
M.S.W., 1968, Rutgers University;
D.S.W., 1978, Catholic University.
- Kumar, Dharendra (2005) Assistant Professor** Biological Sciences
B.Sc., 1984, M.Sc., 1987, and Ph.D., 1998, Lucknow University, India.
- Lakey, Chad E. (2008) Assistant Professor** Psychology
B.S., 2003, Western Carolina University;
M.S., 2005 and Ph.D., 2008, University of Georgia.
- Laughlin, Thomas F. (2003) Assistant Professor** Biological
Sciences
B.S., 1979, M.A.T., 1985 and M.S., 1988, East Tennessee State
University;
Ph.D., 1994, Virginia Polytechnic Institute and State University.
- Lee, Tom (2006) Assistant Professor** History
B.A., 1990, East Tennessee State University;
M.A., 1993, Wake Forest University;
Ph.D., 2001, University of Tennessee.
- Leger, Jerry (1973) Professor** Sociology and Anthropology
**Director of Planning and Development,
Community Partnership Center**
B.A., 1968, North Georgia College;
M.A., 1971 and Ph.D., 1974, University of Iowa;
J.D., 1990, Harvard Law School.
- Lennon-Dearing, Robin (2004) Assistant Professor** Social Work
B.S.W., 1996, and M.S.W., 1998, University of South Florida;
Ph.D., 2004, University of Georgia.
- Levy, Foster (1989) Professor** Biological Sciences
**Director of Undergraduate Research and Creative Activities,
Honors College**
B.A., 1976 and M.A., 1978, City College of New York;
Ph.D., 1989, Duke University.
- Lichtenwalner, Shawna (2005) Assistant Professor** English
B.A., 1994, Nebraska Wesleyan University;
M.A., 1996, University of Nebraska;
Ph.D., 2004, Auburn University.
- Liu, Yali (2005) Assistant Professor** Mathematics and Statistics
B.S., 1996, Northwestern Polytechnical University, Xi'an, China;
M.S., 1999, Peking University, China;
M.S., 2002 and Ph.D., 2005, Purdue University.
- Liu, Yusheng (2006) Assistant Professor** Biological Sciences
B.Sc., 1986, Sichuan University;
M.Sc., 1989 and Ph.D., 1992, Nanjing Institute of Geology.

- Lloyd, Theresa (1996) Associate Professor** English
B.A., 1974, Duke University;
M.A., 1982, Pennsylvania State University;
Ph.D., 1996, University of North Carolina.
- Luffman, Ingrid E. (2002) Lecturer** Geosciences
B.S., 1993 and M.S., 1997, University of Ottawa, Canada.
- Luttermoser, Donald G. (1996) Associate Professor** Chair, Physics
and Astronomy
B.S., 1981, University of Michigan;
M.A., 1983, Wayne State University;
M.A., 1985 and Ph.D., 1988, Indiana University.
- Maas-Brady, Jane T. (2003) Director of Field Instruction** Social Work
B.S., 1978, Greensboro College;
M.S.W., 1985, University of North Carolina at Chapel Hill.
- MacAvoy, Leslie (2000) Associate Professor** Chair, Philosophy
and Humanities
B.A., 1988, Swarthmore College;
Ph.D., 1998, McGill University.
- Marchioni, Michael P. (1976) Associate Professor** ... Political Science,
International Affairs, and Public Administration
B.A., 1963, Montclair State College;
M.A., 1968, Louisiana State University;
Ph.D., 1971, University of Cincinnati.
- Marks, Michael A. (2000) Instructor** Mathematics and Statistics
B.A., 1988, Flagler College;
M.S., 1991, University of Florida.
- Marshall, Stephen W. (2006) Assistant Professor** Communication
B.S., 1995, M.A., 2004, and Ph.D., 2006, University of Florida.
- Maxson, Brian Jeffrey (2008) Assistant Professor** History
B.A., 2002, Michigan State University;
M.A., 2003 and Ph.D., 2008, Northwestern University.
- McCallister, Leslie (2003) Assistant Professor** Sociology and
Anthropology
B.A., 1997, M.A., 1998, and Ph.D., 2001, Baylor University.
- McDowell, Timothy D. (1998) Associate Professor** Biological
Sciences
B.A., 1983, University of North Carolina, Chapel Hill;
M.A., 1989 and Ph.D., 1995, Duke University.
- McGarry, Theresa (2004) Assistant Professor** English
B.A., 1984, Michigan State University;
M.A., 1994, Temple University of Japan, Osaka;
Ph.D., 2004, University of South Carolina-Columbia.
- McGill, Jamie (1993) Assistant Professor** Mathematics and Statistics
B.S., 1990 and M.S., 1992, East Tennessee State University.
- McIntosh, Cecilia A. (1993) Professor** Biological Sciences
Dean, School of Graduate Studies
Adjunct Faculty, Biochemistry and Molecular Biology
B.A., 1977, M.A., 1981 and Ph.D., 1990, University of South Florida.
- McKinstry, Sam W. (1974) Associate Professor** Political Science,
International Affairs, and Public Administration
B.A., 1962, Westminster College;
M.A., 1969 and Ph.D., 1974, University of Missouri.
- Mead, Jim I. (2008) Professor** Chair, Geosciences
B.S., 1974, M.S., 1979, and Ph.D., 1982, University of Arizona.
- Messmer, Laughton (2002) Lecturer** Communication
B.A., 1997, Truman State University;
M.A., 1999, Indiana State University.
- Michieka, Martha (2006) Assistant Professor** English
B.Ed., 1998, Kenyatta University, Kenya;
M.A., 2002 and Ph.D., 2006, Purdue University.
- Miller, Hugh A., III (1988) Associate Professor** Biological Sciences
B.S., 1979, East Tennessee State University;
Ph.D., 1986, University of Tennessee.
- Miller, Larry S. (1984) Professor** Criminal Justice and Criminology
B.A., 1974, East Tennessee State University;
M.S., 1977, Eastern Kentucky University;
Ph.D., 1981, University of Tennessee.
ETSU Distinguished Faculty Award, 2004.
- Mink, Patricia (2003) Associate Professor** Art and Design
B.A., 1981, Kalamazoo College;
M.F.A., 1996, Eastern Michigan University.
- Mohseni, Ray M. (2000) Assistant Professor** Chemistry
Laboratory Director
B.S., 1980, Pars College, Iran;
M.S., 1987 and Ph.D., 1990, University of Wyoming.
- Moore, Darrell J. (1989) Associate Professor** Biological Sciences
B.A., 1975 and Ph.D., 1983, University of Texas-Austin.
- Morefield, John D. (1983) Associate Professor** English
AB, 1962, Davidson College;
M.A., 1963, University of Florida.
- Murray, Catherine (1995) Professor** Chair, Art and Design
B.A., 1982, Portland State University;
M.F.A., 1987, University of Montana.
- Mwinyelle, Jerome (2004) Assistant Professor** Foreign Languages
B.A., 1989, University of Ghana;
M.A., 1995, Temple University;
Ph.D., 2005, University of Texas at Austin.
- Nandi, Arpita (2007) Assistant Professor** Geosciences
B.Sc., 1995 and M.Sc., 1997, University of Calcutta, India;
M.S., 2001, University of Akron;
Ph.D., 2007, Kent State University.
- Negrisanu, Raluca M. (2009) Lecturer** Foreign Languages
B.A., 1997, West University, Romania;
M.A., 1998, University of Bucharest, Romania;
Ph.D., 2008, University of Tennessee.
- Nelson, Ardis L. (1994) Professor** Foreign Languages
B.A., 1965, Oberlin College;
M.A., 1972, Middlebury College, Madrid;
Ph.D., 1980, Indiana University.
- Nelson, Diane (1968) Professor Emerita** Biological Sciences
B.S., 1966, M.S., 1968, and Ph.D., 1973, University of Tennessee.
- Newcomer, Daniel (2005) Assistant Professor** History
B.A., 1993 and M.A., 1995, New Mexico State;
Ph.D., 2000, Texas Christian University.
- Niederberger, Maria (1999) Associate Professor** Music
B.S., 1981, University of California, Davis;
Ph.D., 1991 Brandeis University.
- Nigussie, Yared (2008) Assistant Professor** Mathematics and
Statistics
B.Sc., 1992, M.Sc., 1994, and Ph.D., Ohio State University.
- Norwood, Frederick (1987) Professor** Mathematics and Statistics
B.A., 1966 and Ph.D., 1979, University of Southwestern Louisiana;
M.S., 1969, University of California-Riverside.
- O'Donnell, Kevin E. (1993) Professor** English
Director, Environmental Studies Minor
B.A., 1984, Kent State University;
M.A., 1987 and Ph.D., 1993, University of Wisconsin-Milwaukee.
- Oh, Sunjoo (2005) Assistant Professor** Music
B.M., 1992 and M.M., 1994, Sungshin Women's University, Seoul,
Korea;
D.M.A., 2005, University of South Carolina, Columbia.
- Oliveira, Carrie M. (2007) Assistant Professor** Communication
B.A., 1999 and M.A., 2002, University of Hawaii at Manoa;
Ph.D., 2007, Michigan State University.
- Olson, Charles S. "Ted" (1999) Associate Professor** Appalachian
Studies
B.A., 1982, University of Minnesota;
M.A., 1991, University of Kentucky;
Ph.D., 1997, University of Mississippi.
- Page, Melvin E. (1987) Professor** History
B.A., 1966, American University;
M.A., 1968, Howard University;
Ph.D., 1977, Michigan State University.
- Paluzzi, Rebecca (1994) Professor** Music
B.M., 1977 and M.M., 1979, University of Tennessee;
Diploma, 1986, Talent Education Institute.

- Palmer-Lopez, Sandra (1995) Associate Professor** Foreign Languages
 B.A., 1977, Colegio Universitario de Cayey, Puerto Rico;
 M.A., 1981, University of South Florida;
 Ph.D., 1994, Florida State University.
- Parker, Herbert M. (2005) Assistant Professor** Communication
 B.F.A., 1977, Stephens College;
 M.F.A., 1980, Ohio University.
- Pawlowicz, Peter H. (1987) Associate Professor** Art and Design
 B.A., 1965, Colby College;
 M.A., 1970, West Virginia University;
 Ph.D., 1987, Northwestern University.
- Phillips, Ricky (1997) Instructor** Biological Sciences
 B.S., 1980 and M.S., 1989, East Tennessee State University.
- Poole, George D. (1986) Professor** Mathematics and Statistics
 B.S.E., 1964, Emporia State University;
 M.S., 1966, Colorado State University;
 Ph.D., 1972, Texas Tech University.
- Powell, Harry D. (1965) Senior Affiliate Faculty** Physics and Astronomy
 B.S., 1960, Davidson College;
 M.S., 1962 and Ph.D., 1965, Clemson University.
- Price, Robert M., Jr. (1997) Associate Professor** Mathematics and Statistics
 B.S., 1983 and M.S., 1986, Youngstown State University;
 M.S., 1989, Ohio State University;
 Ph.D., 1996, University of Wyoming.
- Pyles, Rebecca A. (1991) Associate Professor** Biological Sciences
 Dean, Honors College
 B.S., 1975, University of Missouri-Kansas City;
 M.S., 1979, M.Ph., 1982 and Ph.D., 1988, University of Kansas.
- Razskazovskiy, Yuriy V. (2002) Associate Professor** Physics and Astronomy
 B.S., 1980 and Ph.D., 1984, Moscow State University.
- Robertson, Joe Leonard (1976) Professor** Biological Sciences
 B.S., 1965, Union University;
 M.S., 1967 and Ph.D., 1975, University of Tennessee.
 ETSU Distinguished Faculty Award, 2005.
- Sanderbeck, Rande P. (1985) Associate Professor** Music
 B.M., 1978 and M.M., 1985, West Virginia University;
 D.M.A., 1997, University of Kentucky.
- Sawyer, Robert E. (2001) Professor** English
 B.A., 1979, Stetson University;
 M.A., 1987, Western Carolina University;
 Ph.D., 1987, University of Georgia.
- Schmitt, Dale J. (1969) Professor** Chair, History
 B.A., 1965, Yale University;
 M.A., 1968 and Ph.D., 1970, University of Kansas.
- Schrift, Melissa (2006) Assistant Professor** Sociology and Anthropology
 B.A., 1991, Appalachian State University;
 M.A., 1992 and Ph.D., 1998, University of Hawaii-Manoa.
- Schubert, Blaine W. (2006) Assistant Professor** Geosciences
 Adjunct Faculty, Biological Sciences
 B.A., 1994, Central Missouri State University;
 M.S., 1997, Northern Arizona University;
 Ph.D., 2004, University of Arkansas.
- Seier, Edith (1998) Professor** Mathematics and Statistics
 B.S., 1971, San Marcos University;
 M.A., 1973, University of Kansas;
 M.S., 1996 and Ph.D., 1998, University of Wyoming.
- Sellers, Eric W. (2009) Assistant Professor** Psychology
 B.A., 1994, M.A., 1999, and Ph.D., 2004, University of South Florida.
- Shafer, Melissa (1999) Associate Professor** Communication
 B.A., 1983, Southern Illinois University - Edwardsville;
 M.F.A., 1985, Southern Illinois University - Carbondale.
- Sheek, Angie (2004) Lecturer** Communication
 B.A., 1997 and M.A., 2001, East Tennessee State University.
- Simon, Leonore (1999) Professor** Criminal Justice and Criminology
 B.A., 1975, University of California-Berkeley;
 J.D., 1978, Case Western Reserve School of Law;
 M.A., 1988 and Ph.D., 1991, University of Arizona.
- Slagle, Judith B. (1999) Professor** Chair, English
 B.S., 1983, and M.A., 1985, East Tennessee State University;
 Ph.D., 1991, University of Tennessee;
 Arts and Sciences Distinguished Research Award, 2007-08.
- Slap, Andrew L. (2003) Associate Professor** History
 B.A., 1994, University of Massachusetts at Amherst;
 Ph.D., 2002, Pennsylvania State University.
- Slatton, Ralph (1990) Professor** Art and Design
 B.F.A., 1981 and M.A., 1986, Arkansas State University;
 M.F.A., 1990, University of Iowa.
- Smith, Beverly J. (1999) Associate Professor** Physics and Astronomy
 A.B., 1983, Brown University;
 Ph.D., 1989, University of Massachusetts.
 ETSU Distinguished Faculty Award, 2005.
- Smith, Michael A. (1981) Professor** Art and Design
 B.F.A., 1977, Massachusetts College of Art;
 M.F.A., 1981, Yale University School of Art.
- Smith, Willie D. (2001) Instructor** Mathematics and Statistics
 B.S., 1998 and M.A.L.S., 2001, East Tennessee State University.
- Songer, Marcia J. (1983) Associate Professor** English
 B.S., 1958, Southern Illinois University;
 M.A., 1977, East Tennessee State University;
 ETSU Distinguished Service Award, 2007-08.
- Stephens, Daryl (1994) Assistant Professor** Mathematics and Statistics
 B.S., 1983 and M.Ed., 1987, University of North Texas;
 M.S., 1993, Texas Woman's University;
 Ph.D., 2005, University of Tennessee – Knoxville.
- Stewart, James Ross (2006) Assistant Professor** Biological Sciences
 B.A., 1967, Denisen University;
 M.S., 1970, University of Missouri;
 Ph.D., 1976, University of California.
- Sun, Peng (2008) Assistant Professor** Chemistry
 B.S., 1996, Guilin Institute of Technology, Guilin, China;
 Ph.D., 2003, Changchun Institute of Applied Chemistry, Changchun, China.
- Tezuka-Mathes, Junko (2008) Lecturer** Foreign Languages
 B.A., 1992, Tamagawa University, Tokyo, Japan;
 M.A., 2000, University of Wisconsin – Madison.
- Thompson, Phyllis A. (2005) Assistant Professor** English
 B.A., 1983, University of North Carolina at Greensboro;
 M.A., 1992, Appalachian State University;
 Ph.D., 2003, Louisiana State University.
- Tilson, James Glenn (1993) Instructor** Physics and Astronomy
 B.S., 1963, East Tennessee State University
 M.S., 1974, University of Tennessee.
- Trogen, Paul C. (1995) Associate Professor** Political Science, International Affairs, and Public Administration
 B.A., 1976, University of St. Thomas;
 M.A., 1991, Mankato State University;
 Ph.D., 1995, Florida State University.
- Tudico, Paul J. (2003) Lecturer** Philosophy and Humanities
 B.A., 1989, Siena College;
 M.A., 1992, Bowling Green State University.
- Vasiliev, Aleksey (2008) Assistant Professor** Chemistry
 B.S., 1982 and M.S., 1989, Kiev State University, Kiev, Ukraine;
 Ph.D., 1991, National Academy of Sciences of Ukraine, Kiev, Ukraine.
- Waage, Frederick O. (1978) Professor** English
 A.B., 1965 and Ph.D., 1971, Princeton University.
- Wahlberg, Patty Gibbs (1999) Professor** Social Work
 B.S.W. Program Director
 Ed.D., 1992, West Virginia University.

Wallace, Steven (2001) Associate Professor Geosciences
B.S., 1995, Bowling Green University;
M.S., 1997, Fort Hays State University;
Ph.D., 2001, University of Iowa.

Watson, Elwood D. (1997) Professor History
B.A., 1990 and M.A., 1992, University of Delaware;
Ph.D., 1999, University of Maine.
College of Arts and Sciences Distinguished Faculty Research Award
2009
College of Arts and Sciences Distinguished Faculty Teaching Award
2010

Webb, Jon R. (2005) Assistant Professor Psychology
B.S., 1991, Brigham Young University;
M.A., 1993, Pepperdine University;
Ph.D., 1998, California School of Professional Psychology, Los Angeles.

Weiss, Katherine (2006) Assistant Professor English
M.Phil., 1997, Trinity College, Dublin;
M.A., 1999, California State University;
Ph.D., 2002, University of Reading, UK.

Westover, Daniel K. (2010) Assistant Professor English
B.A., 2000, Brigham Young University;
M.A. and M.F.A., 2003, McNeese State University;
Ph.D., 2008, University of Wales, United Kingdom.

Whitehead, John T. (1987) Professor Chair, Criminal Justice
and Criminology
B.A., 1969, St. John Vianney Seminary;
M.A., 1973, University of Notre Dame;
M.A., 1978 and Ph.D., 1983, State University of New York-Albany.
ETSU Distinguished Faculty Award, 2006.

Whitelaw, Michael (2003) Associate Professor Geosciences
B.S., 1982 and B.S. Hons., 1983, Monash University, Australia;
Ph.D., 1990, University of Florida.

Whitson, Marian H. (1993) Assistant Professor Criminal Justice
and Criminology
B.A., 1966, Dillard University;
M.S., 1968, Tennessee State University;
J.D., 1984, Miles Law School;
Ph.D., 1994, Indiana University of Pennsylvania.

Wild, Stacey (2008) Lecturer Biological Sciences
B.S., 1986, Louisiana Tech University;
Ph.D., 1992, Clemson University.

Williams-Gebhardt, Stacey L. (2006) Assistant Professor . Psychology
B.S., Youngstown State University;
M.S., and Ph.D., Kent State University.

Willis, James R. (2004) Lecturer Communication
B.A., 1972 and M.P.A., 1979, Indiana University.

Yampolsky, Lev (2001) Associate Professor Biological Sciences
M.S., 1986, Moscow State University;
Ph.D., 1992, N.I. Vavilov Institute.

Young, David G. (2005) Assistant Professor Chemistry
B.S., 1988, Ohio Northern University;
M.S., 1991 and Ph.D., 1994, The Ohio State University.

Zavada, Michael S. (2006) Professor Chair, Biological Sciences
B.S., 1974 and M.S., 1976, Arizona State University;
B.A., 1982 and Ph.D., 1982, University of Connecticut.

Zembower, Christian (2007) Assistant Professor Music
B.S., 1990, Frostburg State University;
M.A., 1992, Indiana University of Pennsylvania;
D.M.E., 2000, University of Southern Mississippi.

Zhang, Chunhua (2007) Assistant Professor Geosciences
B.S., 1993, Hunan Normal University;
M.S., 1996, Southwest China Normal University;
Ph.D., 2007, University of Saskatchewan.

Zhao, Ningfeng (2008) Assistant Professor Chemistry
B.S., 2000, University of Science and Technology of China, Hefei, China;
M.S., 2003 and Ph.D., 2005, Wichita State University.

**COLLEGE OF BUSINESS AND TECHNOLOGY
BUSINESS**

Alavi, Jafar (1985) Professor Economics and Finance
B.S., 1975, Karaj School of Managerial Economics;
M.B.A., 1978, Mississippi State University;
M.A., 1984 and Ph.D., 1986, University of Tennessee.

Anthony, Murray S. (1972) Professor Accountancy
B.B.A., 1966 and M.B.A., 1967, University of Memphis;
Ph.D., 1975, University of Missouri;
CPA Tennessee.

**Baryla, Edward A., Jr. (1995) Associate Professor ... Chair, Economics
and Finance**
B.A., 1982, and M.B.A., 1990, University of Scranton;
M.A., 1994 and Ph.D., 1995, University of Alabama.

Becker, Lana L. (1991) Lecturer Accountancy
B.M.E., 1976, Central Missouri State University;
B.B.A., 1982 and M.B.A., 1990, East Tennessee State University.

Berg, Gary G. (1987) Associate Professor Accountancy
B.A., 1973, University of South Florida;
M.B.A., 1981, Florida Atlantic University;
Ph.D., 1987, Texas A&M University; CPA, Florida.

Burkette, Gary D. (1992) Associate Professor Chair, Accountancy
Coordinator, M.Acc. Program
B.S., 1978, Wake Forest University;
M.Acct., 1986 and Ph.D., 1994, Virginia Tech.

Chen, John (2007) Lecturer Economics and Finance
B.S., 1995, Shandong University;
M.A., 1998, Peking University;
Ph.D., 2006, Purdue University.

Chu, Ting-Heng (2001) Associate Professor Economics and
Finance
B.A., 1992, National Chung Hsing University, Taipai;
M.B.A., 1995, and Ph.D., 2002, University of Texas-Arlington.

**Czuchry, Andrew J. (1992) Professor Management and Marketing and
Technology and Geomatics
Chairholder, AFG Industries
Chair of Excellence in Business and Technology**
B.S.E.E., 1964, M.S.A.E., 1965, and Ph.D., 1969, University of
Connecticut.

Dotterweich, Douglas P. (1984) Professor Economics and Finance
B.A., 1973, University of Tennessee;
M.A., 1975 and Ph.D., 1978, University of Delaware.

Everett, Michael David (1977) Professor Economics and Finance
B.A., 1960 and Ph.D., 1967, Washington University.

Frierson, James G. (1973) Professor Management and Marketing
B.S., 1962, Arkansas State University;
J.D., 1965 and M.B.A., 1969, University of Arkansas.
ETSU Distinguished Faculty Member, 1977;
ETSU Foundation Research Award, 1986.

Garceau, Linda (2000) Professor Dean, College of Business
and Technology
B.A., 1970 and M.S.P.A., 1976, University of Hartford;
M.B.A., 1983 and D.B.A., 1986, Boston University.

Gregory, Richard P. (2008) Assistant Professor Economics
and Finance
B.A., 1988, Old Dominion University;
M.A., 1990, Indiana University – Bloomington;
Ph.D., 1996, Old Dominion University.

Hipple, F. Steb (1982) Professor Economics and Finance
B.A., 1962 and M.A., 1964, Trinity University;
Ph.D., 1972, Southern Methodist University.

Justice, Robert Director, Small Business Development Center
B.B.A., 1974 and M.B.A., 1981, Morehead State University.

Kaplan, Ricki Ann (2007) Lecturer Management and Marketing
B.S., 1987, Elmira College;
M.A., 1993 and M.B.A., 1999, East Tennessee State University.

- Liang, Beichen (2007) Assistant Professor Management and Marketing**
 B.S., 1993, Zhengzhou Institute of Light Industry, China;
 M.B.A., 2002, University of Louisiana at Lafayette;
 Ph.D., 2007, University of Illinois at Chicago.
- Loess, Kurt H. (1998) Assistant Professor Management and Marketing**
 B.A., 1977, College of Wooster;
 M.B.A., 1987 and Ph.D., 1998, Case Western Reserve University.
- Mackara, W. Frederick (1975) Associate Professor Economics and Finance**
Assistant Director, Graduate Business Studies
 A.B., 1969, Rutgers University;
 Ph.D., 1976, Texas A&M University.
- Manahan, Richard A. (1981) Professor Accountancy/Educational Leadership and Policy Analysis**
Vice President for University Advancement
 B.S., 1965, M.S., 1971 and Ed.D., 1975, Illinois State University;
 CPA, Tennessee, Virginia, and Illinois.
- Mason, W. Joe Jr. (1984) Associate Professor Economics and Finance**
 B.S., 1977, East Tennessee State University;
 M.B.A., 1978, University of Tennessee;
 Ph.D., 1987, University of South Carolina.
- Matherne, Curtis F. (2009) Assistant Professor Management and Marketing**
 B.S., 2000, M.B.A., 2002, University of Southern Mississippi;
 A.B.D., 2009, Mississippi State University.
- McKinney, Michael M. (1994) Associate Professor Management and Marketing**
Assistant Dean for External Programs and Relations
 B.S., 1980, and M.B.A., 1987, East Tennessee State University;
 J.D., 1991, Columbia University.
- Miller, Phillip E. (1994) Associate Professor Chair, Management and Marketing**
 B.S., 1972, University of Tennessee;
 M.S., 1978, Air Force Institute of Technology;
 M.S., 1979, University of Southern California;
 Ph.D., 1985, University of North Carolina.
- Mitchell, Lorianne (2004) Assistant Professor Management and Marketing**
 B.A., 1999, City College of New York of the City—University of New York.
- Moore, Tom (2007) Assistant Professor Management and Marketing**
 B.B.A., 1997 and M.B.A., 2002, University of North Texas at Denton;
 Ph.D., 2007, University of Texas at Arlington.
- Morgan, Robert G. (1985) Professor Accountancy**
 B.A., 1968, Piedmont College;
 M.Acc., 1971 and Ph.D., 1974, University of Georgia;
 CMA, CPA, North Carolina.
- Pointer, Martha M. (1991) Associate Professor Accountancy**
Associate Dean and Director, Graduate Studies, College of Business
 B.S., 1972, Tennessee Technological University;
 M.A., 1977 and M.B.A., 1981, East Tennessee State University;
 Ph.D., 1992, University of South Carolina; CPA, Tennessee.
- Pollock, Eugenea (2004) Lecturer Management and Marketing**
 B.A., 1969 and J.D., 1977, University of Tennessee
- Rhea, Kelly B. Price (2006) Assistant Professor Management and Marketing**
 B.S., 1995 and M.A., 2001, East Tennessee State University;
 Ph.D., 2004, University of Tennessee, Knoxville.
- Quigley, John V. (1984) Associate Professor Management and Marketing**
Director of Honors in Discipline
 B.B.A., 1967, M.B.A., 1970 and Ph.D., 1979, Georgia State University.
- Roberts, Anna D. (1982) Professor Management and Marketing**
 B.S., 1974, East Tennessee State University;
 Ph.D., 1990, University of North Carolina, Greensboro.
- Rochelle, Carolyn F. (2004) Lecturer Economics and Finance**
 B.S., 1975, Tennessee Technological University;
 M.B.A., 1989, East Tennessee State University.
- Ryman, Joel A. (2003) Associate Professor Management and Marketing**
 B.A., 1983, Goshen College;
 M.S., 1988, Thunderbird;
 Ph.D., 1999, University of Tennessee.
- Schneider, Kent N. (1984) Professor Accountancy**
 B.S.B.A., 1975 and J.D., 1978, University of Missouri-Columbia;
 M.Acc., 1984, University of Oklahoma;
 CPA, Missouri and Texas.
- Shelley, Gary L. (2004) Assistant Professor Economics and Finance**
 B.S., 1983 and Ph.D. 1991, Virginia Polytechnic Institute & State University.
- Shemwell, Donald J. (1993) Professor Management and Marketing**
 B.S., 1979 and Ph.D., 1993, Florida State University.
- Small, Michael A. (2008) Professor Management and Marketing**
 B.A., 1981, M.B.A., 1984, and D.B.A., 1993, Cleveland State University.
- Smith, Jon L. (1980) Associate Professor Economics and Finance**
Director, Bureau of Business and Economic Research
 B.S., 1968, Mississippi State University;
 M.A., 1975 and Ph.D., 1982, University of South Carolina.
- Sparks, Shelby G. (1998) Lecturer Accountancy**
 B.B.A., 1997 and M.Acc., 1998, East Tennessee State University.
- Spritzer, Allan D. (1981) Professor Management and Marketing**
Chairholder, Allen & Ruth Harris Chair of Excellence in Business
 B.A., 1963, City College of New York;
 M.A., 1964, University of Illinois;
 Ph.D., 1971, Cornell University.
- Stead, Jean Garner (1982) Professor Management and Marketing**
 B.S., 1971 and M.A., 1973, Auburn University;
 M.B.A., 1979, Western Illinois University;
 Ph.D., 1983, Louisiana State University.
 ETSU Foundation Teaching Award, 1995.
- Stead, W. Edward (1982) Professor Management and Marketing**
 B.S., 1968 and M.B.A., 1972, Auburn University;
 Ph.D., 1976, Louisiana State University.
- Steadman, Mark E. (1989) Associate Professor Accountancy**
 B.S., 1979, University of Tennessee;
 M.Acc., 1982, East Tennessee State University;
 Ph.D., 1990, University of Tennessee;
 CPA, Tennessee.
- Stevenson, Taylor P. (2008) Assistant Professor Economics and Finance**
 B.B.A., 1998, University of North Alabama;
 Ph.D., 2004, University of Mississippi.
- Swinehart, Kerry D. (1990) Associate Professor Management and Marketing**
 B.A., 1983, University of South Florida;
 M.B.A., 1985 and Ph.D., 1989, University of Georgia.
- Tarnoff, Karen A. (1994) Associate Professor Management and Marketing**
 B.S., 1987, M.S., 1993 and Ph.D., 1999,
 Virginia Polytechnic Institute and State University.
- Trainor, William (2006) Associate Professor Economics and Finance**
 B.S., 1987 and M.A., 1988, University of South Florida;
 Ph.D., 2004, Virginia Tech.
- Turner, Craig (2002) Associate Professor Management and Marketing**
 B.S., 1981, and M.B.A., 1990, University of Central Florida;
 Ph.D., 1999, University of Tennessee.

- Weir, Ronald L. (1971) Professor** **Management and Marketing**
B.S., 1965 and M.B.A., 1967, Northeast Louisiana State College;
D.B.A., 1977, Mississippi State University.
ETSU Distinguished Faculty Member, 1976.
- White, Larry (2007) Professor** **Economics and Finance**
John H. Poteat Chair of Banking
Director, Center for Banking
B.A., 1969, Mississippi State University;
M.B.A., 1975 and Ph.D., 1985, University of Georgia.
- Yasin, Mahmoud M. (1988) Professor** **Management and Marketing**
B.A., 1981, M.S., 1983 and Ph.D., 1986, Clemson University.
ETSU Foundation Research Award, 1996.
- Yavas, Ugur (1987) Professor** **Management and Marketing**
B.A., 1970, Robert College;
M.B.A., 1972 Florida State University;
M.B.A., 1974 and Ph.D., 1976, Georgia State University.
ETSU Foundation Research Award, 1993.
- TECHNOLOGY**
- Bailes, Gordon Lee, Jr. (1972) Professor** **Computer and**
Information Sciences
B.S., 1968, M.S., 1969 and Ph.D., 1972 Clemson University.
ETSU Distinguished Faculty Award, 1985.
- Bailey, Gene (1983) Professor** **Computer and**
Information Sciences
B.S., 1967, Rutgers;
M.S., 1970, University of Minnesota;
Ph.D., 1978, University of Missouri-Rolla.
- Barrett, Martin L. (1994) Professor** **Assistant Chair, Computer and**
Information Sciences
B.S., 1975, Pennsylvania State University;
M.A., 1983, University of Maryland;
M.S., 1986 and Ph.D., 1989, University of Wisconsin-Madison.
- Becker, Sharon (2005) Assistant Professor** **Interior Design**
B.S., 1995, University of Tennessee;
M.S., 2005, East Tennessee State University.
- Blanton, William Hugh (1999) Associate Professor** **Technology**
and Geomatics
B.S., 1971, University of Houston;
M.S., 1978 and M.B.A., 1986, West Texas State University;
Ed.D., 1992, East Tennessee State University.
- Broome, Hugh W. (1962) Associate Professor** **Technology and**
Geomatics
B.S., 1958, University of Tennessee;
M.A., 1962, East Tennessee State University;
M.S., 1969, University of Arizona.
- Burke III, Samuel J. (2002) Assistant Professor** **Computer and**
Information Sciences
B.S., 1982 and M.S., 2001, East Tennessee State University.
- Chang, Guanghsu A. (2004) Associate Professor** **Technology**
and Geomatics
B.S., 1983, National Taiwan University of Science and Technology;
M.S., 1987 and Ph.D., 1991, University of Texas-Arlington.
- Clark, Marian M. (1986) Associate Professor** **Surveying**
and Mapping
B.S., 1973 and M.S., 1978, Purdue University;
Ph.D., 1985, University of Wisconsin-Madison.
- Clark, W. Andrew (2002) Associate Professor** **Technology**
and Geomatics
B.S., 1975, Colorado State University;
M.S., 1978, University of Georgia;
Ph.D., 1980, North Carolina State University.
- Coffey, Dennis (1999) Lecturer** **Technology and Geomatics**
B.A., 1972, Berea College;
M.A., 1975 and M.B.A., 1979, University of Alabama;
M.B.C., 1996, Auburn University;
Ph.D., 1988, University of Tennessee;
M.S., 2005, East Carolina University.
- Cornett, Cheryl G. (2002) Associate Professor** **Technology**
and Geomatics
B.F.A., 1980, University of Georgia;
M.F.A., 1989, Syracuse University.
- Counterline, Terry A. (1990) Professor** **Chair, Computer and**
Information Sciences
B.S., 1965, Alliance College;
D.Ed., 1973, Pennsylvania State University.
- Czuchry, Andrew J. (1992) Professor** **Technology and Geomatics and**
Management and Marketing
Chairholder, AFG Industries
Chair of Excellence in Business and Technology
B.S.E.E., 1964, M.S.A.E., 1965, and Ph.D., 1969, University of
Connecticut.
- Emma, Todd B. (2007) Assistant Professor** **Technology**
and Geomatics
B.A., 1998, University of North Carolina;
M.F.A., 2000, Memphis College of Art.
- Fitzgerald, Martin R. (2003) Assistant Professor** **Technology**
and Geomatics
B.M., 1984, Indiana University-Bloomington;
M.M., 1986, State University of New York-Stony Brook.
- Franklin, Todd (2007) Advisor/Mentor** **Computer and**
Information Services
B.S., 1988 and M.S., 2006, East Tennessee State University;
M.A., 1992, University of Hawaii.
- Frazier, David (2007) Lecturer** **Computer and Information Services**
B.A., 1986, University of Louisville;
M.S., 2004, East Tennessee State University.
- Hemphill, William K. (1992) Associate Professor** **Technology**
and Geomatics
Adjunct Faculty, Obstetrics and Gynecology
B.S.M.E., 1981, University of Tennessee-Knoxville;
M.S., 1992, East Tennessee State University.
- Hounshell, Jonathan C. (2007) Assistant Professor** **Technology**
and Geomatics
A.A., 1995 and B.A., 1997, Virginia Intermont;
M.F.A., 2004, East Tennessee State University.
- Hyder, Carroll R. (1967) Associate Professor** **Associate Dean,**
College of Business and Technology
B.S., 1967 and M.S., 1967, East Tennessee State University;
Ph.D., 1971, Ohio State University.
- Johnson, Keith V. (1993) Professor** **Chair, Technology**
and Geomatics
B.S., 1987 and M.S., 1988, North Carolina A&T State University;
Ph.D., 1993, Ohio State University.
- Kellogg, Kenneth G. (2008) Associate Professor** **Technology**
and Geomatics
B.S., 1979, North Dakota State University;
M.S., 1986 and Ph.D., 2002, Utah State University.
- Laws, Michael (2001) Assistant Professor** **Computer and**
Information Sciences
B.A., 1990 and M.S., 1999, University of Southern Mississippi.
- May, Robert M., II (1982) Assistant Professor** **Technology**
and Geomatics
B.S.E.E., 1968, Virginia Polytechnic Institute and State University;
M.S., 1985, University of Tennessee.
- Parker, Charles D. (1986) Assistant Professor** **Technology**
and Geomatics
B.S., 1978 and M.S., 1982, Murray State University.
- Pfeiffer, Phillip E., IV (1996) Professor** **Computer and**
Information Sciences
B.S., 1976, Yale University;
M.S., 1986 and Ph.D., 1991, University of Wisconsin, Madison.
- Pine, Vernon (1999) Assistant Professor** **Computer and**
Information Sciences
B.S., 1967, Roanoke College;
M.S., 1996, East Tennessee State University.
- Pittarese, Anthony (2007) Assistant Professor** **Computer and**
Information Sciences
B.S., 1991, Pensacola Christian College;
M.B.A., 1992 and M.S., 1997, University of West Florida;
Ph.D., 2003, Auburn University.

Powell, LT. Robert L. (2001) Assistant Professor Military Science
 B.B.A., 1994, East Tennessee State University.

Price, Kellie (1999) Assistant Professor Computer and Information Sciences
 B.S., 1994 and M.S., 1997, East Tennessee State University.

Price, Robert M., Jr. (1997) Associate Professor Mathematics and Statistics
 B.S., 1983 and M.S., 1986, Youngstown State University;
 M.S., 1989, Ohio State University;
 Ph.D., 1996, University of Wyoming.

Roach, Jeffrey W. (2002) Assistant Professor Computer and Information Sciences
 B.S., 1995, University of Technology, Jamaica;
 M.S., 2000, East Tennessee State University.

Ross, Jeremy (2008) Assistant Professor Technology and Geomatics
 B.Arch., 1996, University of Tennessee, Knoxville;
 M.S., 2007, East Tennessee State University.

Sanderson, Donald B. (1993) Professor Computer and Information Sciences
 B.A., 1984, New College of University of South Florida;
 M.S., 1986 and Ph.D., 1994, Rensselaer Polytechnic Institute.

Seek, Michael W. (2009) Assistant Professor Technology and Geomatics
 B.S., 1998, M.S., 2004, and Ph.D., 2007, Virginia Polytechnic Institute and State University

Sims, Joseph P. (2000) Professor Technology and Geomatics
 B.S., 1985 and 1991, Middle Tennessee State University;
 M.S., 1989, University of Tennessee;
 Ph.D., 1996, University of Wales, UK.

Smith, Jessica (2007) Lecturer Computer and Information Sciences
 B.S., 2004, East Tennessee State University;
 M.S., 2005, Carnegie Mellon University.

Smith, Suzanne (2003) Associate Professor Computer and Information Sciences
 B.S., 1975, Baylor University;
 M.A.T., 1979, Vanderbilt University;
 M.S., 1984, University of Southwestern Louisiana;
 Ph.D., 1991, Florida State University.

Tarnoff, David (1999) Assistant Professor Computer and Information Sciences
 B.S., 1987 and M.S. 1991, Virginia Polytechnic Institute.

Tillman, Primus J. (1999) Assistant Professor Technology and Geomatics
 B.A., 1984, University of Memphis;
 M.A., 1990-Memphis College of Arts.

Vaglia, John S. (1976) Professor Technology and Geomatics
 B.S., 1964, California University of Pennsylvania;
 M.A., 1970, East Tennessee State University;
 Ph.D., 1978, University of Maryland.

Wallace, Chris (2007) Assistant Professor Computer and Information Sciences
 B.S., 1997 and M.S., 1999, East Tennessee State University;
 M.S., 2002, Carnegie Mellon University.

Wronecki, James A. (2002) Assistant Professor Technology and Geomatics
 B.A., 1990, State University of New York-Buffalo;
 M.I.D., 1998, The University of Arts.

Zucker, Ronald (2007) Assistant Professor Computer and Information Sciences
 B.S., 1973, University of Bridgeport;
 M.S.C.I.S., 1984, Troy State University, Montgomery;
 Ph.D., 2007, University of South Florida.

COLLEGE OF CLINICAL AND REHABILITATIVE HEALTH SCIENCES

Akin, Faith Wurm (2006) Associate Professor Communicative Disorders
 B.A., 1984, University of Tennessee, Knoxville;
 M.S., 1987, University of Texas, Dallas;
 Ph.D., 1997, Vanderbilt University.

Arnall, David Alan (2005) Professor Chair, Physical Therapy
 Bs.P.T., 1977, University of Utah, Salt Lake City;
 Ph.D., 1985, Brigham Young University, Provo, Utah.

Barnhart, Robert C. (1996) Assistant Professor Physical Therapy Academic Coordinator of Clinical Education
 B.A., 1977, West Virginia Wesleyan College;
 Certificate, Physical Therapy, 1979, Emory University;
 M.S., 1992, University of Tennessee – Knoxville;
 Sc.D.P.T., 2006, University of Tennessee Health Science Center.

Basham, Pepper D. (2007) Clinical Faculty Communicative Disorders
 B.S., 1997 and M.S., 1999, Radford University.

Boggs, Teresa L. (1998) Assistant Professor Communicative Disorders
 B.S., 1988 and M.S., 1991, East Tennessee State University.

Breese, Ute H. (2000) Assistant Professor Physical Therapy
 B.S., 1977, State University of New York;
 M.Ed., 1998, East Tennessee State University;
 Ph.D., 2007, University of Tennessee – Knoxville.

Byington, Randy L. (2006) Assistant Professor Allied Health Sciences
 B.S., 1978, University of Virginia;
 M.B.A., 1989 and Ed.D., 2003, East Tennessee State University.

Chase, Patricia (2000) Professor Communicative Disorders
 B.S., 1975 and M.S., 1976, East Carolina University;
 Ph.D., 1997, Vanderbilt University.

Cherry, Shirley J. (2007) Assistant Professor Program Director, Radiography
 B.S., 1990, Salem-Teikyo University;
 M.B.A., 1995, Kent State University.

Davenport, Mary Jo (1997) Assistant Professor Physical Therapy
 B.S. and Certificate in Physical Therapy, 1973, University of Michigan;
 M.S., 1990, Vanderbilt University.

Dotson, Deborah L. (2003) Assistant Professor Dental Hygiene
 A.A.S., 1978, B.S., 1978, M.A., 1985, East Tennessee State University.

Ekstrom, Michelle G. (2005) Research Assistant Communicative Disorders
 B.S.Ed., 1998, Western Carolina University Honors College;
 M.S., 2000, East Tennessee State University.

Elangovan, Saravanan (2005) Assistant Professor Communicative Disorders
 B.Sc., 1995 and M.Sc., 1998, All India Institute of Speech and Hearing;
 Ph.D., 2005, East Carolina University.

Epps, Susan B. (2001) Assistant Professor Allied Health Sciences
 B.A., 1988, Wake Forest University;
 M.A., 1995, Appalachian State University;
 Ed.D., 2002, East Tennessee State University.

Fagelson, Marc A. (1996) Professor Communicative Disorders
 B.A., 1988, Columbia University, School of General Studies;
 M.S., 1990, Columbia University, Teachers College;
 Ph.D., 1995, University of Texas, Austin.

Farrow, Jeff R. (1993) Medical Director Cardiopulmonary Science
 B.S., 1981, Baylor University;
 M.D., 1985, University of New Mexico, Albuquerque.

- Faust, Charles C. (1986) Associate Professor Chair, Allied Health Sciences**
B.S., 1976, University of Southwestern Louisiana;
B.S., 1980, Northeast Louisiana University;
M.Ed., 1985, University of Southwestern Louisiana;
Ed.D., 1997, University of Tennessee.
- Guntupalli, Vijaya Kimar (2007) Assistant Professor .. Communicative Disorders**
B.S., 1999 and M.S., 2001, All India Institute of Speech and Hearing, University of Mysore;
Ph.D., 2007, East Carolina University.
- Hopson, Victor W. (1977) Associate Professor Dental Hygiene**
D.D.S., 1973, University of Tennessee Medical Units.
- Johnson, Earl E. (2007) Assistant Professor Communicative Disorders**
B.S., 2002, Radford University;
M.S., 2004 and Ph.D., 2007, Vanderbilt University.
- Keene, Kevin S. (2004) Assistant Professor Assistant Chair, Cardiopulmonary Science**
B.S., 2001 and M.S., 2002, Mountain State University;
M.B.A., 2004, King College;
D.H.Sc., 2009, Nova Southeastern University.
- King, Karen D. (1990) Professor Associate Vice President for Academic Technology**
A.S., 1979 and B.S., 1981, East Tennessee State University;
M.H.Ed., 1983, Medical College of Georgia.
- Leigh-Paffenroth, Elizabeth (2005) Asst. Professor Communicative Disorders**
B.S., 1990, Texas Tech University;
M.S., 1993, East Carolina University;
Ph.D., 2003, University of Wisconsin - Madison.
- Louw, Brenda (2009) Professor Chair, Communicative Disorders**
B.A., 1975, University of Pretoria, South Africa;
M.Sc., 1977, University of Alabama;
Ph.D., 1986, University of Pretoria, South Africa.
- Lowe, Elizabeth (1999) Assistant Professor Nutrition and Foods**
B.S., 1974 and M.S., 1982, University of Tennessee.
- Murnane, Owen D., Jr. (1995) Assistant Professor Communicative Disorders**
B.S., 1978 and M.Ed., 1980, James Madison University;
Ph.D., 1995, Syracuse University.
- Noe, Colleen M. (2005) Associate Professor Communicative Disorders**
B.S., 1989 and M.S., 1991, East Tennessee State University;
Ph.D., 1994, Ohio State University.
- Owens, Beatrice H. (2006) Assistant Professor Physical Therapy**
B.S.P.T., 1989, University of Tennessee - Memphis;
Ph.D., 2004, East Tennessee State University.
- Price, Tabitha N. (2006) Assistant Professor Dental Hygiene**
B.S.D.H., 2004 and M.P.H., 2006, East Tennessee State University.
- Proctor-Williams, Kerry (2002) Associate Professor ... Communicative Disorders**
B.Sc., 1980 and MCI.Sc., 1984, University of Western Ontario;
Ph.D., 2005, University of Kansas.
- Redman, Roy (2009) Assistant Professor Cardiopulmonary Sciences**
B.S., 1985, Ottawa University;
M.S., 1993, Cardinal Stritch University.
- Rice, Jody (2004) Instructor Communicative Disorders**
B.S., 1999, University of West Virginia;
M.S., 2001, East Tennessee State University.
- Samples, Donald A. (1990) Associate Professor Associate Dean, College of Clinical and Rehabilitative Health Sciences**
B.B.A., 1980, East Tennessee State University;
M.S., 1993, University of Tennessee-Knoxville;
Ed.D., 1998, East Tennessee State University.
- Scherer, Nancy J. (1992) Professor Dean College of Clinical and Rehabilitative Health Sciences**
B.S., 1971 and M.S., 1972, University of Wisconsin, Madison;
Ph.D., 1980, University of Washington.
- Sharuga, Constance R. (2005) Associate Professor Dental Hygiene**
A.A.S., 1973, Westbrook College;
B.A., 1976, St. Francis College;
M.Ed., 1987 and Ph.D., 1990, Colorado State University.
- Smith, Sheri Lyn (2005) Assistant Professor Communicative Disorders**
B.S., M.S., Au.D., and Ph.D., University of Florida.
- Smurzynski, Jacek (2003) Associate Professor Communicative Disorders**
B.A., 1974, Music School of Warsaw, Poland;
M.Sc., 1976, Technical School of Warsaw, Warsaw, Poland;
Ph.D., 1987, Technical School of Wroclaw, Wroclaw, Poland.
- Verhovsek, Ester L. (2006) Associate Professor Radiography**
B.A., 1985, LaRoche College;
M.Ed., 1990, Frostburg State University;
Ed.D., 2003, West Virginia University.
- Williams, A. Lynn (1995) Professor Communicative Disorders**
B.S., 1978 and M.S., 1980, West Virginia University;
Ph.D., 1988, Indiana University.
- Williams, Duane A. (1994) Associate Professor Physical Therapy**
B.S. and Certificate in Physical Therapy, 1970, Kansas University;
M.A., 1972, University of Iowa.
- Wilson, Richard H. (2006) Professor Communicative Disorders**
B.S., East Tennessee State University;
M.S., Vanderbilt University;
Ph.D., Northwestern University.

CLEMMER COLLEGE OF EDUCATION

- Ayres, Christopher A. (1973) Associate Professor Chair, Kinesiology, Leisure and Sport Sciences**
B.S., 1972 and M.S., 1973, Central Missouri State University.
- Bailiff, Gina C. (1998) Instructor University School**
B.A., 1994 and M.A.T., 1997, East Tennessee State University.
- Barnes, Tammy (2004) Clinical Instructor Curriculum and Instruction**
B.S., 1987, M.Ed., 1998, and Ed.D., 2003 East Tennessee State University.
- Barnett, Kelli (2004) Instructor University School**
B.A., 1998, M.A.T., 2003, East Tennessee State University.
- Barton, Alison L. (2005) Assistant Professor Human Development and Learning**
B.A., 1993, University of Kentucky;
M.A., 1997 and Ph.D., 2001, Northern Illinois University.
- Bartoszuk, Karin (2005) Assistant Professor Human Development and Learning**
B.S., 1995 and M.S., 1996, Tarleton Central Texas (formerly University of Central Texas);
Ph.D., 2002, Auburn University.
- Bearfield, Linda (2007) Clinical Instructor Human Development and Learning**
B.S., 1976 and M.S.Ed., 1997, East Tennessee State University.
- Bevan, Carol A. (1995) Instructor University School**
B.A., 1973, Florida Southern;
M.A., 1989, Nova University.
- Bitter, James R. (1995) Professor Human Development and Learning**
B.A., 1969, Gonzaga University;
M.Ed., 1971 and Ed.D., 1975, Idaho State University.
- Blakely, April (1997) Instructor University School**
B.S., 1988 and M.A., 1992, East Tennessee State University;
National Board Certified Teacher (1999).
- Blankenship, Cecil N. (1971) Professor Human Development and Learning**
B.S., 1968 and M.A.T., 1970, East Tennessee State University;
Ed.D., 1972, University of Tennessee.

- Borden, Joseph E. (1995) Instructor University School**
 B.M., 1970, University of Georgia;
 M.A., 1977, University of North Colorado;
 M.M., 1978, Georgia State University;
 D.M.A., 1987, Southern Baptist Seminary.
- Borthwick, Kristen (2002) Instructor University School**
 B.S., 1994, Centre College;
 M.Ed., 1996, Milligan College.
- Brikell, Noell (2005) Instructor University School**
 B.A., 1997 and M.Ed., 1999, East Tennessee State University.
- Broderick, Jane T. (2003) Associate Professor Human Development and Learning**
 B.F.A., 1976, Pratt Institute;
 M.A., 1996, Vermont College of Norwich;
 Ed.D., 2003, University of Massachusetts-Amherst.
- Cahill, William (2004) Instructor University School**
 B.S., 1993, East Tennessee State University;
 M.Ed., 2002, The Citadel.
- Case, Jennie (2007) Instructor University School**
 B.A., 2002 and M.A., 2004, Brigham Young University.
- Chambers, Cynthia (2007) Assistant Professor ... Human Development and Learning**
 B.S., 2001, Georgia College and State University;
 M.S.Ed., 2002, Peabody College of Vanderbilt University;
 Ph.D., 2007, University of Kansas.
- Cockerham, J. Steve (1999) Instructor Human Development and Learning**
 B.A., 1975, University of North Carolina;
 M.A., 1990, State University of West Georgia.
- Collins, Martha D. (1993) Professor Curriculum and Instruction**
 B.S.Ed., 1967, University of Georgia;
 M.Ed., 1969 and Ph.D., 1972, Florida State University.
- Cradic, Sharon J. (2002) Instructor University School**
 B.S., 1992, Lander College;
 M.Ed., 1994, East Tennessee State University;
 M.Ed., 1998, Milligan College.
- Daniels, Harold L. (2000) Associate Professor Curriculum and Instruction**
 B.A., 1983 and M.A., 1993, Appalachian State University;
 Ph.D., 1996, Virginia Polytechnic Institute and State University.
- Davis, T. Jason (2002) Assistant Professor Kinesiology, Leisure and Sport Sciences**
 B.S., 1994, Georgia Southern University;
 M.S., 1996, Georgia Southern University;
 Ph.D., 2003, Clemson University.
- Day, Ariane (2001) Instructor University School**
 B.A., 1998, East Tennessee State University.
- Disque, Ann (2001) Instructor Human Development and Learning**
 B.A., 1978, St. Andrews Presbyterian College;
 M.Ed., 1997, East Tennessee State University.
- Disque, J. Graham (1994) Professor Human Development and Learning**
 B.A., 1980, St. Andrews Presbyterian College;
 M.A., 1987, Appalachian State University;
 Ph.D., 1992, Virginia Polytechnic Institute and State University.
- Dosser, Marcia (2005) Clinical Instructor Curriculum and Instruction**
 B.S., 1979 and M.Ed., 1983, East Tennessee State University.
- Dwyer, Edward J. (1976) Professor Curriculum and Instruction**
 B.S., 1962, Boston College;
 M.Ed., 1974, University of Saskatchewan;
 Ph.D., 1977, University of Georgia.
- Ellis, Kevin (2007) Instructor University School**
 B.S., 1995, East Tennessee State University;
 M.A.Ed., 2000, Western Carolina University.
- Erwin, Timothy A. (1997) Instructor University School**
 B.S., 1983, East Tennessee State University;
 M.A., 1996, Tusculum College.
- Evanshen, Pamela A. (2001) Associate Professor Human Development and Learning**
 B.A., 1982, Tusculum College;
 M.Ed., 1984 and Ed.D., 2001, East Tennessee State University.
- Foley, Virginia (2007) Assistant Professor Educational Leadership and Policy Analysis**
 B.S., 1976 and M.A., 1978, Tennessee Technological University;
 Ed.S., 1988, State University of West Georgia, Carrollton;
 Ed.D., 1996, University of Alabama.
- Fox, James J. (1990) Professor Human Development and Learning Associate Director, Center for Early Childhood Learning and Development**
 B.A., 1972, College of William and Mary;
 M.A., 1975, University of Richmond;
 Ph.D., 1982, University of Tennessee-Knoxville.
 ETSU Distinguished Faculty Award, 2004..
- Gann, Rosalind R. (2002) Assistant Professor Curriculum and Instruction**
 B.A., 1970, Brooklyn College, City University of New York;
 M.S.W., 1974, Smith College;
 Ed.D., 2002, University of Cincinnati.
- Gloeckler, Phyllis (2007) Assistant Professor Human Development and Learning**
 B.A., 1972, Catholic University of America;
 M.A., 1993, Appalachian State University;
 Ph.D., 2006, University of North Carolina at Greensboro.
- Glover, Eric S. (2004) Associate Professor Educational Leadership and Policy Analysis**
 B.S., 1972, M.A., 1985, and Ed.D., 2003, University of New Mexico.
- Goehring, Deborah (2005) Instructor University School**
 B.S., 1973 and M.Ed., 1978, Slippery Rock University.
- Govett, Aimee L. (2003) Associate Professor Curriculum and Instruction**
 B.A., 1988, M.A., 1996, and Ph.D., 2001, West Virginia University.
- Hale, Kimberly (2008) Assistant Professor Human Development and Learning**
 B.S., 1987, Virginia Polytechnic Institute & State University;
 M.S., 1991, Ed.S., 1992, Radford University;
 Ph.D., 2005, Virginia Polytechnic Institute & State University.
- Hales, Cynthia (2005) Clinical Instructor Human Development and Learning**
 B.S., 1992 and M.Ed., 1996, East Tennessee State University.
- Hamm, Jean S. (2004) Assistant Professor Curriculum and Instruction**
 B.S., 1970, and M.S., 1976, Radford University;
 Ed.D., 2003 Virginia Polytechnic Institute and State University.
- Horton, Amy B. (2002) Instructor University School**
 B.A., 1998, Tusculum College;
 M.A., 2001, Union College;
 Ed.S., 2003, East Tennessee State University.
 National Board Certified Teacher, 2005.
- Hurwitz, Rhona S. (1991) Professor Chair, Curriculum and Instruction**
 B.A., 1972, Connecticut College;
 M.Ed., 1973, University of North Dakota;
 Ed.D., 1988, University of Houston.
- Jungkeit, Patricia (1999) Instructor University School**
 B.A., 1969, Messiah College;
 M.S., 1997, Xavier University;
 Ed.S., 2003, East Tennessee State University.
 National Board Certified Teacher (2003).
- Kelly, Edward J. (1997) Associate Professor Educational Leadership and Policy Analysis**
 B.S., 1973, State University of New York;
 J.D., 1977, State University of New York at Buffalo, School of Law.
- Knight, Terri C. (1988) Media Specialist University School**
 B.A., 1973, University of Charleston;
 M.S., 1981, Kansas State University;
 Ed.S., 2002, East Tennessee State University.
 National Board Certified Teacher (2002).

- Knight, W. Hal (1986) Professor** **Educational Leadership and Policy Analysis Dean, College of Education**
B.A., 1972, Augusta College;
M.P.A., 1977, West Virginia College of Graduate Studies;
Ph.D., 1983, Kansas State University.
- Kridler, Jamie Branam (1997) Professor** **Human Development and Learning**
B.S., 1976 and M.S., 1977, University of Tennessee;
Ph.D., 1985, The Ohio State University.
- Lampley, James H. (2005) Assistant Professor** **Educational Leadership and Policy Analysis**
B.S., 1973, Middle Tennessee State University;
M.S., 1974, University of Tennessee;
Ed.D., 1999, East Tennessee State University.
ETSU Distinguished Faculty Award, 2009.
- Langenbrunner, Mary (1993) Associate Professor** **Human Development and Learning**
B.S., 1974 and M.S., 1976, University of Kentucky;
Ph.D., 1986, University of Tennessee.
- Lewis, Angela Radford (2004) Associate Professor** **Curriculum and Instruction Associate Dean, College of Education**
B.S., 1984, B.S., 1987, and M.V.T.E., 1996, Middle Tennessee State University;
Ph.D., 2003, University of Tennessee.
- MacLeod-Powell, Jill (2005) Instructor** **University School**
B.A., 1999 and M.S., 2000, University of Tennessee.
- MacRae, Norma (1987) Professor** **Human Development and Learning**
A.B., 1969, M.Ed., 1978 and Ed.D., 1980, University of Kentucky.
- Malkus, Amy J. (2000) Associate Professor** **Human Development and Learning**
B.A., 1988, Washington College;
M.S., 1992 and Ph.D., 1995, Purdue University.
- Manahan, Richard A. (1981) Professor** **Accountancy Educational Leadership and Policy Analysis Vice President for University Advancement**
B.S., 1965, M.S., 1971 and Ed.D., 1975, Illinois State University;
CPA, Tennessee, Virginia, and Illinois.
- Marks, Lori (1993) Professor** **Human Development and Learning**
B.A., 1983, Flagler College;
M.Ed., 1987, University of North Florida;
Ph.D., 1993, University of Florida.
ETSU Distinguished Faculty Award, 2000.
- Mitchell, Clifton W. (1992) Professor** **Human Development and Learning**
B.A., 1974, Virginia Polytechnic Institute;
M.A., 1976, Western Kentucky University;
Ph.D., 1992, Indiana State University.
ETSU Distinguished Faculty Award, 2002.
- Moore, Teah (2006) Assistant Professor** **Human Development and Learning**
B.A., 1984, Anderson University;
M.S., 2003, Bradley University;
Ph.D., Idaho State University.
- Morrow, Brent (1986) Associate Professor** **Human Development and Learning**
B.A., 1969, University of California;
M.A., 1977, Mennonite Brethren Seminary;
Ph.D., 1986, Texas Tech University.
- Mozen, Diana M. (2000) Associate Professor** **Kinesiology, Leisure and Sport Sciences**
B.S., 1980, M.Ed., 1980 and Ph.D., 1998, Georgia State University.
- Musick, Mark (2006) Chair** **Quillen Chair of Excellence in Teaching and Learning**
B.A., 1969 and M.S., 1975, Virginia Polytechnic Institute and State University.
- Myron, Mary C. (1997) Instructor** **University School**
B.A., 1994 and M.Ed., 1996, East Tennessee State University.
National Board Certified Teacher, 2004.
- Owen, Kathleen (2005) Clinical Instructor** **Human Development and Learning**
B.S., 1974, Keene State College;
M.S., 1987, Nazareth College.
- Payne, Linda (2006) Assistant Professor** **Human Development and Learning**
B.S., 1984, East Texas State University;
M.S., 2002, Texas A&M University;
Ph.D., 2006, University of Florida.
- Perry, Leslie A. (1991) Professor** **Curriculum and Instruction**
B.S.E., 1967, Central Methodist College;
M.S., 1975, East Texas State University;
Ph.D., 1979, University of Mississippi.
- Petty, Joshua W. (2003) Instructor** **University School**
B.S., 1999, M.Ed., 2002, East Tennessee State University.
- Price, Rayne (2007) Instructor** **University School**
B.S., 1999 and M.A.T., 2003, East Tennessee State University.
- Ralston, Elizabeth (1993) Professor** **Curriculum and Instruction Associate Dean, College of Education Director, Field Services**
B.A., 1970, Texas A&I University;
M.Ed., 1973 and Ed.D., 1978-Memphis State University.
- Ramsey, Michael (2005) Associate Professor** **Kinesiology, Leisure and Sport Sciences**
B.S., 1993 and M.A., 1995, Sam Houston State University;
Ph.D., 2005, Texas A&M University.
- Reed, Delanna (1999) Instructor** **Curriculum and Instruction**
A.A., 1974, Eastfield College;
B.A., 1976, East Texas State University;
M.A., 1986, University of North Texas.
- Renner, Jasmine (2003) Assistant Professor** **Educational Leadership and Policy Analysis**
LL.B. Hons., 1993, University of Sierra Leone, Fourah Bay College;
LL.M., 1998, University of Georgia School of Law;
Ed.D., 2002, Bowling Green State University.
- Rhodon, Jack (1987) Professor** **Curriculum and Instruction Executive Director, Center for Excellence in Mathematics and Science Education**
A.A., 1964, Hiwassee College;
B.S., 1966, East Tennessee State University;
M.Ed., 1969, University of Virginia;
M.S., 1974, Old Dominion University;
Ed.D., 1984, University of Tennessee.
ETSU Distinguished Faculty Award, 1995.
- Robertson, Laura (2001) Instructor** **University School**
B.S., 2000 and M.S., 2001, University of Tennessee.
- Robertson, Patricia E. (1997) Professor** **Chair, Human Development and Learning**
B.A., 1973, University of North Carolina-Chapel Hill;
M.A.Ed., 1974, Western Carolina University;
Ed.D., 1990, University of North Carolina-Greensboro.
- Scarborough, Janna (2006) Assistant Professor** **Human Development and Learning**
B.S., 1991, University of Mary;
M.A.Ed., 1994, Western Carolina University;
Ph.D., 2002, University of Virginia.
- Scott, Pamela Howell (2006) Assistant Professor** **Educational Leadership and Policy Analysis**
B.S., 1973, M.A., 1977, Ed.S., 1989, and Ed.D., 1977, Appalachian State University.
- Sharp, Kathryn (2009) Assistant Professor** **Human Development and Learning**
B.S., 1998, University of Memphis;
M.S., 2001, Union University;
Ed.D., 2005, University of Memphis.

Shaw, Aleeta (2002) Counselor University School
 B.A., 1990 and M.Ed., 1991, East Tennessee State University.

Sherlin, Erin (2008) Clinical Instructor Human Development and Learning
 B.S., 1993, University of Tennessee;
 M.Ed., 1997, Xavier University.

Snider, J. Blake (2002) Associate Professor Human Development and Learning
 B.A., 1994, Lee University;
 M.S., 1999, and Ph.D., 2002, Auburn University.

Sobol, Joseph D. (2000) Professor Curriculum and Instruction
 B.A., 1976, Sarah Lawrence College;
 M.A., 1987, University of North Carolina;
 Ph.D., 1994, Northwestern University.

Soloman, Regina (2006) Instructor University School
 B.A., 2000, Mills College.

Squibb, Sharon L. (2000) Instructor University School
 B.F.A., 1978, University of Tennessee;
 M.F.A., 1983, University of Cincinnati;
 M.A., 1988, East Tennessee State University.

Steele, Linda (2004) Assistant Professor ... Curriculum and Instruction
 B.S., 983, University of North Alabama;
 M.L.S., 1985, Vanderbilt University.

Stone, John E. (1972) Professor Human Development and Learning
 B.Ed., 1966 and M.A.Ed., 1968, University of Kentucky;
 Ed.D., 1972, University of Florida.

Stone, Michael H. (2005) Associate Professor Kinesiology, Leisure and Sport Sciences
 B.S., 1970, Florida Technological University;
 M.S., 1974, Tennessee Technological University;
 Ph.D., 1977, Florida State University.

Watson, Alma (2008) Assistant Professor Human Development and Learning
 A.B., Lenoir Rhyne College;
 M.A., Ed.S., Appalachian State University;
 Ed.D, Virginia Polytechnic Institute & State University.

Wells, Lee (2007) Instructor University School
 B.S., 1987, B.A., 1987, and M.A.Ed., 1994, Virginia Polytechnic Institute and State University.

Williams, Starlet (1988) Instructor University School
 B.S., 1984 and M.Ed., 1990, East Tennessee State University.

SCHOOL OF GRADUATE STUDIES

McIntosh, Cecilia A. (1993) Associate Professor Biological Sciences
Dean, School of Graduate Studies
 B.A., 1977, M.A., 1981, and Ph.D., 1990, University of South Florida.

COLLEGE OF MEDICINE

Abdel-Wahab, Ayman M. (2001) Assistant Professor Pediatrics
 M.D., 1988, Zagazig University, Zagazig, Egypt.

Acuff, Robert V. (1995) Professor Adjunct Faculty, Home Economics/Internal Medicine/Biochemistry
Director, Eastman Center for Nutrition Research
 B.S., 1974, Louisiana State University;
 M.S., 1977 and Ph.D., 1982, University of Tennessee-Knoxville.

Adler, Christine M. (1991) Assistant Professor Psychiatry and Behavioral Sciences
 B.S., 1984, University of Santa Clara;
 Ph.D., 1989, State University of New York-Albany.

Agrawal, Alok (2002) Associate Professor Pharmacology
 B.S., 1981 and M.S., 1984, Banaras Hindu University, India;
 Ph.D., 1989, Visva Bharati University, India.

Airhart, Mark J. (1984) Associate Professor Anatomy and Cell Biology
 B.S., 1966, State University of New York- Cortland;
 M.S., 1969, University of Connecticut;
 Ph.D., 1981, University of Vermont.

Alison, Juduan (1994) Associate Professor Surgery
 B.A., 1980, University of Tennessee-Knoxville;
 B.S.N., 1984, St. Louis University, St. Louis, Missouri;
 M.D., 1989, East Tennessee State University, Quillen College of Medicine.

Anand, Rajani (1991) Assistant Professor Pediatrics
 M.D., 1983, University of Mysore, India.

Aneas, Beth A. (2003) Assistant Professor Family Medicine
 B.S., 1978, and M.P.H.A., 1991, University of Tennessee-Knoxville;
 M.D., 1998, East Tennessee State University, Quillen College of Medicine

Ardell, Jeffrey L. (1998) Professor Pharmacology
 B.A., 1975, Colorado College;
 Ph.D., 1980, University of Washington.

Armstrong, Stephen C. (1991) Assistant Professor Pathology
 B.S., 1979, University of Florida;
 Ph.D., 1986, University of Pennsylvania School of Medicine.

Assad, Norman (2005) Associate Professor Obstetrics/Gynecology
 M.D., 1996, University of Western Ontario.

Auerbach, John S. (1996) Professor Psychiatry and Behavioral Sciences
 B.A., 1980, Brown University;
 Ph.D., 1988, State University of New York- Buffalo.

Bagnell, Philip C. (1991) Professor Pediatrics
Adjunct Faculty, Internal Medicine
Dean, College of Medicine
 M.D., 1968, Dalhousie University, Nova Scotia.

Bailey, Beth (2003) Assistant Professor Family Medicine
 B.S., 1988, University of Michigan, Flint;
 M.A., 1995, and Ph.D., 2001, Wayne State University, Detroit, Michigan.

Baisden, Ronald H. (1978) Professor Anatomy and Cell Biology
 B.S., 1968 and Ph.D., 1973, University of Florida.

Baltazar, Ulises (2003) Assistant Professor Surgery
 M.D., 1985, La Salle University College of Medicine.

Banks, Jerry B. (2000) Assistant Professor Family Medicine
 B.A., 1985, Wake Forest University;
 M.A., 1988, Western Carolina University;
 M.D., 1992, Eastern Carolina University School of Medicine.

Bayard, Max (1999) Assistant Professor Family Medicine
Program Director, Johnson City
 B.A., 1976, Baptist Bible College;
 B.S., 1987-Memphis State University;
 M.D., 1991, East Tennessee State University, Quillen College of Medicine.

Behringer, Bruce A. (1992) Associate Professor Family Medicine
Adjunct Faculty, Health Education
Executive Director, Office of Rural and Community Health
 B.S., 1972, Pennsylvania State University;
 M.P.H., 1978, University of North Carolina.

Bennard, Bruce C. (1990) Associate Professor Family Medicine
 B.A., 1967, University of Massachusetts;
 M.Ed., 1972 and Ph.D., 1989, University of North Carolina, Chapel Hill.

Bharti, Des R. (1990) Associate Professor Pediatrics
 M.B.B.S., 1972, J.N. Medical College, India.

Blackwelder, Reid B. (1992) Associate Professor Family Medicine
Program Director, Kingsport
 B.S., 1980, Haverford College;
 M.D., 1984, Emory University School of Medicine.

Bochis, Melania (2002) Assistant Professor Internal Medicine
 M.D., 1999, East Tennessee State University, Quillen College of Medicine.

Bonta, Bedford W. (1993) Associate Professor Pediatrics
 A.B., 1965, Wesleyan University;
 M.D., 1969, University of Pennsylvania School of Medicine.

- Brahmbhatt, Hetal K. (2002) Assistant Professor Psychiatry/
Internal Medicine**
Associate Program Director, Med-Psych Residency
M.B.B.S., 1990, N.H.L. Municipal Medical College, India;
M.D., 1992, Sheth K.M. School.
- Breuel, Kevin F. (1992) Associate Professor Obstetrics/Gynecology
Adjunct Faculty, Physiology/Biological Science/
Anatomy and Cell Biology**
B.S., 1982, Western Illinois University;
M.S., 1985, Clemson University;
Ph.D., 1991, West Virginia University.
- Browder, I. William (1990) Professor Chair, Surgery
Associate Dean for Clinical Affairs**
B.S., 1967, Tulane University;
M.D., 1971, Tulane University School of Medicine.
- Brown, Earl J. (1987) Professor Pathology**
B.S., 1977, McNeese State University;
M.D., 1981, Louisiana State University School of Medicine.
- Brown, George (1994) Professor Associate Chair, Psychiatry
and Behavioral Science**
M.D., 1983, University of Rochester School of Medicine.
- Byrd, Ryland P. Jr. (1995) Professor Internal Medicine**
B.A., 1978, Wake Forest University;
M.D., 1985, University of Louisville.
- Cabello, Olga A. (2005) Associate Professor Biochemistry and
Molecular Biology**
B.S., 1985, University Iberoamericana;
M.S., 1987, Nacional Autonoma;
Ph.D., 1994, Baylor College of Medicine.
- Cancellaro, Louis A. (1979) Professor Psychiatry and Behavioral
Sciences/Anatomy and Cell Biology**
Adjunct Faculty, Professional Roles/ Mental Health Nursing
Associate Dean, Veterans Affairs
B.S., 1955, Manhattan College;
Ph.D., 1960, New York University Graduate School of Arts & Science;
M.D., 1965, Duke University School of Medicine.
- Castellino, Sharon M. (1998) Associate Professor Pediatrics**
B.A., 1988, Mount Holyoke College;
M.D., 1992, Duke University.
- Chamberlin, Marian (1982) Associate Professor Internal Medicine**
B.S., 1974 and M.D., 1978, Michigan State University.
- Champney, W. Scott (1982) Professor Biochemistry and
Molecular Biology**
Adjunct Faculty, Biological Sciences
A.B., 1965, University of Rochester;
Ph.D., 1970, State University of New York- Buffalo.
ETSU Distinguished Faculty Award, 2000.
- Chastain, David O. (2001) Associate Professor Pediatrics**
B.A., 1973, University of Mississippi, Oxford;
M.D., University of Mississippi, Jackson.
- Chi, David S. (1980) Professor Internal Medicine**
Adjunct Faculty, Microbiology/Pathology/Pharmacology
Chief, Division of Biomedical Research
B.S., 1965, National Chung-Hsing University, China;
M.A., 1974 and Ph.D., 1977, University of Texas Medical Branch.
- Chua, Balvin H.L. (1994) Professor Biomedical Science**
B.S., 1969, National Taiwan University,
M.S., 1971, and Ph.D., 1975, University of Wisconsin.
- Clarity, Gregory E. (1995) Associate Professor Family Medicine
Medical Director, Bristol**
B.E., 1982, The Cooper Union;
M.D., 1993, East Tennessee State University, Quillen College of
Medicine.
- Clark, Terrence P. (2001) Assistant Professor Psychiatry and
Behavioral Sciences**
B.S., 1968, Saint John's University;
M.D., 1973, Baylor College of Medicine.
- Cobble, Anita Diane (1998) Associate Professor Surgery**
B.S., 1989, East Tennessee State University;
M.D., 1993, East Tennessee State University, Quillen College of
Medicine.
- Copeland, Rebecca J. (1993) Assistant Professor ... Internal Medicine**
B.S., 1976 and M.A., 1978, East Tennessee State University;
M.D., 1982, University of Tennessee College of Medicine.
- Culp, John S. (1986) Associate Professor Family Medicine
Associate Program Director, Bristol**
B.S., 1976, East Tennessee State University;
M.D., 1980, University of Alabama School of Medicine.
- D'Aprille, Joann W. (2000) Assistant Professor Family Medicine**
B.S., 1980, Molloy College;
M.A., 1986, Stony Brook;
D.O., 1997, Nova-Southeastern University of the Health Sciences.
- David, Daniel J. (1985) Professor Family Medicine**
Adjunct Faculty, Family/Community Nursing/Psychiatry
B.S., 1974, Washington and Lee University;
M.D., 1978, University of Virginia School of Medicine.
- Defoe, Dennis M. (1996) Associate Professor Anatomy and
Cell Biology**
B.A., 1974, University of Colorado;
Ph.D., 1981, University of California.
- DeLucia, Anthony J. (1977) Professor Surgery
Adjunct Faculty, Environmental Health**
B.A., 1970, University of California;
Ph.D., 1974, University of California, Davis.
ETSU Foundation Research Award, 1983.
- DeMay, Jessica (2004) Assistant Professor Obstetrics/Gynecology**
B.S., 1990 and M.D., 1994, University of Illinois.
- DeVoe, William M. (1992) Professor Vice Chair, Pediatrics**
B.A., 1974, Miami University;
M.D., 1977, Ohio State University College of Medicine.
- Dessus-Babus, Sophie (2003) Assistant Professor Microbiology**
B.S., 1993, M.S., 1994, and Ph.D., 1998, University of Bordeaux.
- Drake, Janet (1999) Associate Professor Obstetrics/Gynecology**
B.S., 1988 and M.D., 1992, University of Florida.
- Duffourc, Michelle M. (1998) Assistant Professor Pharmacology**
B.S., 1985 and Ph.D., 1993, University of South Alabama.
- Dunn, Julie (1998) Assistant Professor Surgery**
B.S., 1984, University of California, Davis;
M.S., 1987, University of Tennessee-Knoxville;
M.D., 1991, East Tennessee State University, Quillen College of
Medicine.
- Dyer, Allen R. (1992) Professor Psychiatry and
Behavioral Sciences**
A.B., 1967, and M.M.Sc., 1970, Brown University;
M.D., 1972, Duke University School of Medicine;
Ph.D., 1980, Duke University.
- Eason, Martin P. (2003) Assistant Professor Section of
Medical Education**
M.D., 1987, University of Arizona;
J.D., 2002 University of Louisville Brandeis School of Law.
- Eberhart, Anne (2003) Assistant Professor Surgery**
B.A., 1985, Converse College;
M.D., 1999, East Tennessee State University, Quillen College of
Medicine.
- Ecay, Tom W. (1995) Associate Professor Physiology**
B.S., 1980 and Ph.D., 1986, Boston College.
- Ernst-Fonberg, M. Lou (1978) Professor Biochemistry and
Molecular Biology**
Adjunct Faculty, Biological Sciences
A.B., 1958, Susquehanna University;
M.D., 1962, Temple University School of Medicine;
Ph.D., 1967, Yale University.
- Fahrig, Stephen A. (2000) Associate Professor Internal Medicine**
B.S., 1983, University of Notre Dame;
M.D., 1987, Ohio State University.
- Feierabend, Raymond Jr. (1982) Professor Family Medicine
Program Director, Bristol**
B.A., 1971, Amherst College;
M.D., 1975, Tulane University School of Medicine.

- Ferguson, Donald A. Jr. (1978) Associate Professor Microbiology**
 A.B., 1967, Clark University;
 Ph.D., 1974, Syracuse University.
- Ferslew, Kenneth E. (1982) Professor Pharmacology**
 B.S., 1975 and M.S., 1976, University of Florida;
 Ph.D., 1982, Louisiana State University School of Medicine.
- Fields-Ossorio, Cheryl (1998) Associate Professor Internal Medicine**
 B.S., 1979, Northern Kentucky University;
 M.D., 1984, University of Louisville.
- Finger, William W. (1997) Associate Professor Psychiatry and Behavioral Sciences**
 B.A., 1983, University of Virginia;
 M.A., 1987 and Ph.D., 1989, University of Missouri-Columbia.
- Florence IV, Joseph A. (2002) Associate Professor ... Family Medicine**
 B.A., 1974, Duke University;
 M.D., 1980, Medical College of Virginia.
- Floresguerra, Carlos A. (1994) Associate Professor Surgery**
 B.S., 1975, Colegio Americano, Quito, Ecuador;
 M.D., 1982, Universidad Del Salvador Medical School, Buenos Aires, Argentina.
- Floyd, Michael R. (1989) Associate Professor Family Medicine Adjunct Faculty, Psychiatry**
 B.S., 1970, University of Georgia;
 M.Ed., 1972 and Ed.D., 1982, Auburn University.
- Frizzell, Peter G. (2001) Assistant Professor Psychiatry**
 B.S., 1977, Milligan College;
 M.D., 1991, East Tennessee State University, Quillen College of Medicine.
- Gallemore, Gail H. (1980) Professor Pediatrics**
 B.A., 1962, Emory University;
 M.A.T., 1966, University of North Carolina, Chapel Hill;
 M.D., 1977, Duke University School of Medicine.
- Ganote, Charles E. (1989) Professor Pathology**
 B.S., 1960, University of Cincinnati;
 M.D., 1965, Vanderbilt University School of Medicine.
- Gebka, Ann (2004) Assistant Professor Obstetrics/Gynecology**
 B.S., 1996 and M.D., 2000, University of Miami.
- Ginn, David R. (1982) Associate Professor Internal Medicine**
 B.A., 1975, University of Minnesota;
 M.D., 1979, University of Minnesota Medical School.
- Goulding, Clarence E. Jr. (1990) Associate Professor Surgery Coordinator, Anesthesiology**
 M.D., 1954, University of Tennessee College of Medicine.
- Green, John A. (1981) Professor Internal Medicine**
 B.S., 1971, University of Richmond;
 M.D., 1975, Medical College of Virginia.
- Guha, Bhuvana (1996) Assistant Professor Internal Medicine**
 M.B.B.S., 1989, Taniore Medical College, India.
- Haaser, Richard C. (1998) Assistant Professor Psychiatry and Behavioral Sciences**
 B.S., 1980, University of Notre Dame;
 M.D., 1984, Tufts University School of Medicine.
- Hall, John R. (1996) Professor Surgery Director of Trauma Service, HVMC**
 B.S., 1974, Stanford University;
 M.D., 1977, University of Arizona College of Medicine.
- Han, Zhihua (2003) Assistant Professor Biochemistry and Molecular Biology**
 B.S., Peking University, China
 M.S., 1997, Peking University, China
 Ph.D., 1997, University of California, San Diego.
- Hancock, John C. (1977) Professor Pharmacology**
 B.S., 1962, University of Missouri-Kansas City;
 M.S., 1965 and Ph.D., 1967, University of Texas.
 ETSU Distinguished Faculty Award, 2001.
- Hanley, Gregory Alan (2005) Assistant Professor Pharmacology Director, DLAR**
 B.S., 1987, State University of New York;
 D.V.M., 1993 and Ph.D., 1998, University of Florida.
- Hansen, Dianne (1995) Assistant Professor Psychiatry and Behavioral Sciences**
 B.A., 1981, University of California, L.A.;
 M.D., 1986, University of California, San Diego.
- Hayman, J. Russell (2002) Assistant Professor Microbiology**
 B.S., 1987, Mississippi College;
 Ph.D., 1995, University of Mississippi Medical Center.
- Haynes, Daniel F. (1994) Associate Professor Surgery Director, Plastic and Reconstructive Surgery**
 B.A., 1981, University of Dallas;
 M.D., 1985, Tulane University, New Orleans.
- Herrell, Howard (2008) Assistant Professor Obstetrics/Gynecology**
 B.S., 2000, University of Tennessee;
 M.D., 2004, East Tennessee State University.
- Holler, Matthew B. (2003) Assistant Professor Internal Medicine**
 B.S., 1993, University of Memphis;
 M.D., 2000, East Tennessee State University, Quillen College of Medicine.
- Holmes, Sheri (2005) Assistant Professor Obstetrics/Gynecology**
 B.S.N., 1989 and M.D., 2001, East Tennessee State University.
- Holt, James D. (2001) Assistant Professor Family Medicine Medical Director, Johnson City**
 A.B., 1978, Princeton University;
 M.D., 1982, University of Maryland School of Medicine.
- Hooks, Mary A. (1996) Associate Professor Surgery Director, Division of Surgical Oncology**
 B.S., 1980, University of Michigan;
 M.D., 1989, University of Pennsylvania.
- Hoover, Donald B. (1978) Professor Pharmacology**
 B.S., 1972, Grove City College;
 Ph.D., 1976, West Virginia University.
 ETSU Distinguished Faculty Award for Research, 2002.
- Hoskere, Girendra V. (2003) Assistant Professor Internal Medicine**
 M.B.B.S., 1993, Kasturba Medical College;
 M.D., 1999, East Tennessee State University, Quillen College of Medicine.
- Hossler, Fred E. (1981) Professor Anatomy and Cell Biology**
 B.S., 1963, Muhlenberg College;
 M.S., 1965, Pennsylvania State University;
 Ph.D., 1971, University of Colorado.
- Hougland, Margaret W. (1977) Associate Professor Anatomy and Cell Biology**
 B.S., 1961, Brigham Young University;
 Ph.D., 1977, University of South Dakota.
- Hubbs, Doris T. (1991) Associate Professor Internal Medicine**
 B.S., 1973 and M.S., 1975, Massachusetts Institute of Technology;
 M.D., 1988, East Tennessee State University, Quillen College of Medicine.
- Hudgins, Larry (1992) Professor Internal Medicine**
 B.S., 1968, University of Tennessee-Knoxville;
 M.D., 1971, University of Tennessee-Memphis.
- Ismail, Hassam M. (2002) Assistant Professor Internal Medicine**
 M.D., 1988, Damascus University Medical School.
- Johnson, David A. (1978) Professor Biochemistry and Molecular Biology Adjunct Faculty, Biological Sciences**
 B.S., 1967 and Ph.D., 1973-Memphis State University.
 ETSU Foundation Research Award, 1987.
- Jordan, Richard M. (1987) Professor Internal Medicine Chief, Division of Endocrinology Residency Program Director**
 A.B., 1967, DePauw University;
 M.D., 1971, Indiana University School of Medicine.

- Joshi, Piyush N. (1985) Professor** **Surgery**
Adjunct Faculty, Obstetrics/Gynecology
Director, Division of Urology/Division of Transplant Surgery
M.D., 1975, Medical College, Baroda, India.
- Joyner, William L. (1989) Professor** **Chair, Physiology,**
Adjunct Faculty, Internal Medicine
B.S., 1965, Davidson College;
M.S.P.H., 1967 and Ph.D., 1971, University of North Carolina, Chapel Hill.
- Kalbfleisch, John H. (1988) Professor** **Medical Education**
Director, Division of Biometry and Medical Computing
B.S., 1965 and M.A., 1966, Western Michigan University;
Ph.D., 1970, University of Oklahoma.
- Kalwinsky, David K. (1990) Professor** **Chair, Pediatrics**
Adjunct Faculty, Internal Medicine
B.A., 1969, Temple University;
M.D., 1973, University of Pennsylvania School of Medicine.
- Kao, Race L. (1992) Professor** **Surgery**
Adjunct Faculty, Physiology
Chairholder, Carroll H. Long Chair in Surgical Research
B.S., 1965, National Taiwan University, Taiwan;
M.S., 1971 and Ph.D., 1972, University of Illinois.
- Kaplon, Michael K. (1992) Professor** **Internal Medicine**
B.S., 1977, University of the South;
M.D., 1981, Vanderbilt University School of Medicine.
- Karnad, Anand B. (1989) Associate Professor** **Internal Medicine**
Chief, Div. of Hematology/Oncology
M.D., 1980, University of Madras Medical College, India.
- Katras, Tony (1996) Professor** **Surgery**
B.A., 1976, East Tennessee State University;
D.D., 1979, Harding University;
M.D., 1984, East Tennessee State University, Quillen College of Medicine.
- Kauzlarich, Michael P. (2002) Assistant Professor** **Family Medicine**
B.A., 1991, University of Iowa;
D.O., 1996, University of Osteopathic Medicine and Health Sciences.
- Kayser, Allen (2001) Associate Professor** **Psychiatry**
Director, Residency Training
B.G.S., 1972, University of Nebraska, Omaha;
M.D., 1979, West Virginia University.
- Kelley, Jim (1996) Professor** **Internal Medicine**
B.S., 1969, Southern Nazarene University, Bethany, Oklahoma;
Ph.D., 1973, University of Oklahoma, Norman.
- Kemp, Evelyn C. (2001) Assistant Professor** **Family Medicine**
B.S., 1995, and Psy.D., 1999, Wright State University.
- Khaja, Nizamuddin (1998) Assistant Professor** **Psychiatry and**
Behavioral Sciences
M.D., 1986, Siddharatha Medical College, Nagarjuna University, India.
- Kimbrough, Barbara O. (1980) Professor** **Surgery**
Director, Division of Ophthalmology
B.S., 1972, Iowa State University;
M.D., 1976, Mayo Medical School.
- Kirsche, David (2003) Assistant Professor** **Internal Medicine**
M.D., University of Florida, Gainesville.
- Knight, T. T. (1997) Professor** **Surgery**
B.A., 1955, University of Louisville;
M.D., 1959, University of Louisville, College of Medicine.
- Kostrzewa, Richard M. (1978) Professor** **Pharmacology**
B.S., 1965 and M.S., 1967, Philadelphia College of Pharmacy and Science;
Ph.D., 1971, University of Pennsylvania.
ETSU Foundation Award, 1981.
- Krishnan, Koyamangalath (1998) Associate Professor** **Internal**
Medicine
P.U.C., 1974, St. Joseph's College, India;
M.B.B.S., 1980, University of Madras, India;
M.D., 1987, Institute of Medical Education, India.
- Krishnaswamy, Guha (1992) Professor** **Internal Medicine**
Chief, Division of Allergy
Adjunct Faculty, Physiology
M.B.B.S., 1983, University of Madras Medical College, India.
- Krozser-Hamati, Agnes K. (1991) Associate Professor** **Internal**
Medicine
B.S., 1979, John Carroll University;
M.D., 1986, American University of the Caribbean, West Indies.
- Kukulka, Gary (2003) Assistant Professor** **Family Medicine**
B.S., 1977, Central Michigan University, Mount Pleasant;
M.A., 1978, Ball State University, Muncie, Illinois;
Ph.D., 1981, Southern Illinois University, Carbondale.
- Kumar, P. Lucy (1993) Assistant Professor** **Pediatrics**
M.D., 1964, Andhra Medical College, India.
- Kwasigroch, Thomas E. (1979) Professor** **Anatomy and Cell Biology**
Assistant Dean for Curriculum and Director,
Anatomical Gift Program
B.S., 1967, Niagara University;
Ph.D., 1976, University of Virginia.
- Laffan, John J. (1992) Associate Professor** **Microbiology**
B.A., 1982, Hamilton College;
Ph.D., 1988, Wesleyan University.
- Laird, Kimberly J. (1992) Assistant Professor** **Learning Resources**
B.A., 1984, Bethel College;
M.I.L.S., 1987, University of Michigan.
- Lang, Forrest (1984) Professor** **Family Medicine**
Adjunct Faculty, Adult Nursing
Director, Medical Education
B.A., 1967, University of Pennsylvania;
M.D., 1971, Hahnemann University School of Medicine.
- Lee, Prescott P. (2001) Assistant Professor** **Internal Medicine**
B.S., 1988, University of California, Los Angeles;
M.D., 1993, Tufts University School of Medicine.
- Leicht, Stuart (1984) Professor** **Internal Medicine**
Chief, Division of Dermatology
B.A., 1974, State University of New York;
M.D., 1978, Emory University School of Medicine.
- Li, Chuanfu (1996) Associate Professor** **Surgery**
Adjunct Faculty, Pharmacology
M.S., 1986 and M.D., 1978, Nanjing Medical University of China.
- Linville, M. David, Jr. (2002) Instructor** . **Section of Medical Education**
Adjunct Faculty, Anatomy and Cell Biology
B.S., 1995, University of Tennessee;
M.D., 2000, East Tennessee State University, Quillen College of Medicine.
- Lockett, Mark (2001) Assistant Professor** **Surgery**
B.A., 1990, Furman University;
M.D., 1994, Medical University of South Carolina.
- Lowe, Charles E., III (2003) Instructor** **Pediatrics**
B.S., 1996, University of Kentucky;
M.D., 2000, University of Louisville, School of Medicine.
- Loyd, Stephen D. (2001) Assistant Professor** **Internal Medicine**
B.S., 1994, University of Tennessee-Knoxville
M.D., 1998, East Tennessee State University, Quillen College of Medicine.
- McGowen, K. Ramsey (1985) Professor** **Psychiatry and**
Behavioral Sciences
B.S., 1975, M.S., 1977 and Ph.D., 1981, Auburn University.
ETSU Distinguished Faculty Award, 2003.
- Mehta, Jayantilal B. (1977) Professor** **Internal Medicine**
Chief, Division of Preventive Medicine and Epidemiology
M.D., 1969, Government Medical College, India.
- Messerschmidt, William H. (1988) Professor** **Surgery**
Director, Division of Cardiovascular and Thoracic Surgery
B.S., 1977, The Pennsylvania State University;
M.D., 1979, Jefferson Medical College.

- Miller, Barney (1997) Associate Professor** **Psychiatry and Behavioral Sciences**
Adjunct, Anatomy and Cell Biology
 B.A., 1975, University of Tennessee-Chattanooga;
 Ph.D., 1983, University of Tennessee-Memphis.
- Miller, Merry N. (1995) Professor** **Chair, Psychiatry and Behavioral Sciences**
 B.S., 1975, Southwestern-Memphis;
 M.S., 1983, University of Tennessee;
 M.D., 1983, Duke University.
- Mills, Debra Quarles (2000) Assistant Professor** **Pediatrics**
 B.A., 1988, University of Tennessee;
 M.D., 1993, East Tennessee State University, Quillen College of Medicine.
- Miyamoto, Michael D. (1978) Professor** **Pharmacology**
 B.A., 1966 and Ph.D., 1971, Northwestern University.
- Modica, Louis A. (1984) Professor** **Surgery**
Director, Division of Otolaryngology
 B.A., 1974, Columbia College;
 M.D., 1980, State University of New York Downstate College of Medicine.
- Mohon, Ricky T. (1992) Assistant Professor** **Pediatrics**
Adjunct Faculty, Internal Medicine
 B.S., 1977, University of Tennessee-Martin;
 M.D., 1981, University of Tennessee College of Medicine.
- Monaco, Paul J. (1987) Professor** **Anatomy and Cell Biology**
 B.A., 1974, Merrimack College;
 M.S., 1977 and Ph.D., 1982, Marquette University.
- Moore, Jason B. (2002) Assistant Professor** **Family Medicine**
 B.A., 1995, Miami University of Ohio, Oxford;
 M.D., 1999, Ohio State University College of Medicine.
- Moorman, Jonathan P. (2000) Associate Professor** **Internal Medicine**
 B.S., 1987, Loyola College;
 M.D., 1991, University of Virginia School of Medicine.
- Morgan, Calvin V. (1996) Professor** **Surgery**
 B.S., 1958, Davidson College;
 M.D., 1962, Duke University.
- Moser, Michele R. (2002) Assistant Professor** **Psychiatry and Behavioral Sciences**
 B.A., 1983, Augustana College;
 M.A., 1995, Jefferson Medical College of Thomas Jefferson University.
- Mullersman, Jerald (2000) Associate Professor** **Pathology**
 M.D., and Ph.D., 1986, University of Florida.
- Musich, Phillip R. (1980) Professor** **Biochemistry and Molecular Biology**
Adjunct Faculty, Biological Science
 B.S., 1968, Creighton University;
 Ph.D., 1973, University of Chicago.
- Myers, James W. (1994) Associate Professor** **Internal Medicine**
 B.S., 1981, East Tennessee State University;
 M.D., 1985, Wake Forest University.
- Newell, Christine L. (2006) Instructor** **Psychiatry and Behavioral Science**
 B.A., 1982, East Tennessee State University;
 Ph.D., 1994, University of Texas System, Graduate School of Biomedical Sciences;
 M.Ed., 1999, East Tennessee State University.
- Nunley-Gorman, Diana L. (1987) Associate Professor** **Internal Medicine**
 B.A., 1979, Carson-Newman College;
 M.D., 1983, East Tennessee State University, Quillen College of Medicine.
- Nwosu, Uchenna C. (2003) Professor** **Obstetrics/Gynecology**
 A.B., 1964, Harvard University;
 M.D., 1968, Boston University School of Medicine.
- Olive, Kenneth (1989) Professor** **Vice Chair, Internal Medicine**
Associate Chair for Clinical Affairs
 B.S., 1977, Duke University;
 M.D., 1982, East Carolina University School of Medicine.
- Olsen, Martin E. (1992) Professor** **Chair, Obstetrics/Gynecology**
Adjunct Faculty, Pediatrics
 B.S., 1981, Muskingum College;
 M.D., 1985, Medical School of Ohio.
- Ordway, Gregory A. (2005) Professor** **Chair, Pharmacology**
 B.S., 1980, Ohio State University;
 Ph.D., 1985, Ohio State University, College of Pharmacy.
- Ossorio, Miquel A. (1996) Associate Professor** **Internal Medicine**
 M.D., 1979, University Centro Occidental, Venezuela.
- Pandian, Shantha (2001) Assistant Professor** **Psychiatry and Behavioral Sciences**
 M.D., 1994, Kasturba Medical College, India.
- Panini, Aruna S. (1996) Assistant Professor** **Family Medicine**
 B.S., 1974, University of Bagalore, India;
 M.S., 1976, University of Madras, India;
 M.S., 1979, University of Cincinnati;
 M.D., 1992, University of Colorado.
- Panini, Sankhavaram, R. (1996) Associate Professor** **Biochemistry and Molecular Biology**
 B.S., 1968, Andhra University, Waltair, India;
 M.S., 1970, University of Baroda, India; D.I.I.Sc., 1971;
 Ph.D., 1975, Indian Institute of Science, Bangalore, India.
- Peiris, Alan N. (1993) Professor** **Internal Medicine**
 M.B.B.S., 1977 and M.D., 1990, University of London.
- Pennington, Glenn (2000) Professor** **Surgery**
 B.A., 1962, University of Mississippi, Jackson;
 M.D., 1966, University of Mississippi, Oxford.
- Pillinger, Lynn (1981) Professor** **Internal Medicine**
 B.S., 1972, Duke University;
 M.D., 1977, Medical University of South Carolina.
- Pollitte, Jonathan (2001) Assistant Professor** **Internal Medicine**
 B.S., 1990, Kentucky Wesleyan College;
 M.D., 1999, East Tennessee State University, Quillen College of Medicine.
- Ponnappa, Biddanda (Suresh) P. (1999) Professor** **Assistant Dean, Learning Resources, Director of Library and Biomedical Communications**
 B.Sc., 1970, University of Agricultural Sciences, Bangalore, India;
 M.S.L.S., 1984, University of Tennessee-Knoxville.
- Pop, Anca (2000) Clinical Associate Professor** **Internal Medicine**
 B.S., 1985, St. Save College, Bucharest, Romania;
 M.S., 1991, Medical and Pharmaceutical University, Bucharest, Romania.
- Powers, Ruby R. (2001) Assistant Professor** **Pediatrics**
 B.S., 1991, Oklahoma City University;
 M.D., 1997, University of Oklahoma College of Medicine.
- Price, David T. (1997) Assistant Professor** **Residency Program Director, Pediatrics**
 B.S., 1978 and M.D., 1982, University of South Carolina.
- Procter, Carol (2003) Assistant Professor** **Internal Medicine**
 M.D., East Tennessee State University, Quillen College of Medicine
- Punyasavatsut, Natavut (2003) Assistant Professor** **Pediatrics**
 M.D., 1994, Chulalongkorn University.
- Ramu, Vijay (1999) Clinical Assistant Professor** **Internal Medicine**
 B.S., 1994, Bangalore Medical College, Bangalore, India;
 M.D., 1999, East Tennessee State University, Quillen College of Medicine.
- Rary, Jack M. (1988) Professor** **Pediatrics**
Adjunct Faculty, Obstetrics/Gynecology
 B.S., 1962, Western Carolina University;
 M.S., 1964 and Ph.D., 1968, University of Tennessee-Knoxville.
- Rice, Peter J. (1986) Associate Professor** **Pharmacology**
 B.S., 1976, Northeastern University;
 Ph.D., 1983, Ohio State University College of Pharmacy.

- Robinson, Mitchell E. (1985) Professor** **Biochemistry and Molecular Biology**
Assistant Dean for Graduate Studies
Adjunct Faculty, Biological Sciences
 B.S., 1976, University of North Carolina, Chapel Hill;
 M.S., 1978, Western Carolina University;
 Ph.D., 1983, Wake Forest University, Bowman Gray School of Medicine.
- Rose, Douglas J. (2002) Assistant Professor** **Family Medicine**
Medical Director, Kingsport
 B.S., 1990, Saint Francis University
 M.D., 1995, Jefferson Medical College of Thomas Jefferson University.
- Rowe, Brian P. (1981) Professor** **Physiology**
 B.Sc., 1974 and Ph.D., 1977, University of Southampton, England.
- Roy, Thomas M. (1994) Professor** **Internal Medicine**
Chief, Division of Pulmonary Diseases
Associate Chair for Faculty/ Resident Development and Research
 B.A., 1969, University of Louisville;
 M.D., 1973, University of Louisville School of Medicine.
- Rush, Daniel S. (1997) Professor** **Surgery**
Director, Division of Vascular Surgery
 B.A., 1971, Centre College;
 M.D., 1976, University of Kentucky College of Medicine.
- Rusinol, Antonio E. (1996) Assistant Professor** **Biochemistry and Molecular Biology**
 B.Sc., 1983 and Ph.D., 1990, National University of Tucuman, Tucuman, Argentina.
- Sarkodie, Olga (2008) Assistant Professor** **Obstetrics/Gynecology**
 M.D., 1990, Minsk State Medical Institute.
- Sarubbi, Felix A. (1987) Professor** **Internal Medicine**
Chief, Division of Infectious Diseases
Assistant Dean/Director of Medical Education-VAMC
 B.S., 1965, Manhattan College;
 M.D., 1969, New York University School of Medicine.
- Schacht, Thomas E. (1985) Professor** **Psychiatry and Behavioral Sciences**
 B.A., 1973, Connecticut College;
 Psy. D., 1980, Rutgers University.
- Schambra, Uta B. (1993) Assistant Professor** **Anatomy and Cell Biology**
 B.S., 1960, Apothekerkammer, Kassel, Germany;
 M.S., 1965, Niedersachsischer Sozialminister, Hanover, Germany;
 Ph.D., 1988, University of North Carolina, Chapel Hill.
- Schetzina, Karen E. (2003) Assistant Professor** **Pediatrics**
 B.A., 1993, University of North Carolina, Chapel Hill;
 M.D., 1997, University of North Carolina School of Medicine, Chapel Hill;
 M.P.H., 1998, University of North Carolina School of Public Health, Chapel Hill.
- Schoborg, Robert V. (1994) Associate Professor** **Microbiology**
 B.S., 1985, Oklahoma State University;
 Ph.D., 1991, University of Missouri, Columbia.
- Schweitzer, Janice B. (2000) Assistant Professor** **Family Medicine**
 B.A., 1978 and M.D., 1979, University of Missouri, Kansas City.
- Schweitzer, John B. (1999) Professor** **Chair, Pathology**
 B.S., 1974, Washington University;
 M.D., 1978, Washington University School of Medicine.
- Selman, Bruce (2005) Assistant Professor** **Obstetrics/Gynecology**
 B.S., 1969, Cornell University;
 M.S., 1972 and Ph.D., 1973, University of Rochester;
 M.D., 1995, University of Wisconsin.
- Shah, Pramod A. (1985) Professor** **Psychiatry and Behavioral Sciences**
 M.B.B.S., 1971, University of Bombay, India.
- Shaikh, Mohammed A. (2003) Assistant Professor** .. **Internal Medicine**
 M.B.B.S., 1994, B.J. Medical College;
 M.D., 2002, East Tennessee State University, Quillen College of Medicine.
- Shepard, F. Mike (1977) Professor Emeritus** **Pediatrics**
 B.S., 1956, Vanderbilt University;
 M.D., 1959, Vanderbilt University School of Medicine.
- Shurbaji, Muhammad S. (1990) Associate Professor** **Pathology**
 B.S., 1979, M.S., 1981 and M.D., 1984,
 American University of Beirut, Lebanon.
- Singh, Krishna (2002) Associate Professor** **Physiology**
 B.S., 1980, Maharishi Dayanand University, Rohtak, India;
 M.S., 1983, and Ph.D., 1987, Haryana Agril University, Hisar, India.
- Singh, Mahipal (2002) Associate Professor** **Physiology**
 B.S., 1977, Kurukshetra University, India;
 Ph.D., 1993, McGill University, Montreal, Canada.
- Skalko, Richard G. (1977) Professor** **Chair, Anatomy and Cell Biology**
Assistant Dean, College of Medicine Graduate Studies
 A.B., 1957, Providence College;
 M.S., 1959, St. John's University;
 Ph.D., 1963, University of Florida.
- Sloan, Patrick (1979) Professor** **Psychiatry and Behavioral Sciences**
 B.A., 1969, Fairmont State College;
 M.S., 1976 and Ph.D., 1978, Ohio University.
- Sloan, Susan P. (2002) Assistant Professor** **Internal Medicine**
Associate Residency Program Director
 B.S., 1972, Middle Tennessee State University;
 M.D., 1998, University of Minnesota School of Medicine.
- Smith, Stephen J. (2002) Assistant Professor** **Internal Medicine**
 B.S., 1982, Louisiana State University;
 M.D., 1986, Louisiana State University Medical College.
- Smith, Steven M. (1998) Assistant Professor** **Internal Medicine**
 B.S., 1980, East Tennessee State University;
 M.D., 1985, East Tennessee State University, Quillen College of Medicine.
- Stanton, Paul E. Jr. (1985) Professor** **Surgery**
University President
Adjunct Faculty, Adult Nursing
 B.A., 1965, Emory University;
 M.D., 1969, Medical College of Georgia.
- Stephens, Gretel C. (1998) Assistant Professor** **Forensic Pathology**
 M.D., 1974, University of Tennessee-Memphis.
- Stephens, Mary M. (2003) Assistant Professor** **Family Medicine**
 A.B., 1990, Duke University;
 M.D., 1994, Jefferson Medical College, Philadelphia, Pennsylvania.
- Stern, Patrick (1999) Professor** **Pediatrics**
Adjunct Faculty, Psychiatry
 B.S., 1970, University of Notre Dame;
 M.D., 1974, Case Western Reserve University.
- Stone, William L. (1989) Professor** **Pediatrics**
Adjunct Faculty, Anatomy and Cell Biology/ Physiology/Biochemistry
 B.S., 1966, State University of New York-Stony Brook;
 M.S., 1968, Marshall University;
 Ph.D., 1972, State University of New York-Stony Brook.
- Stuart, Charles A. (2000) Professor** **Chair, Internal Medicine**
 B.S., 1967 and M.D., 1971, State University of New York.
- Summers, Jeffrey A. (2000) Associate Professor** **Internal Medicine**
 B.S., 1979, Hobart College;
 M.D., 1982, Ohio State University College of Medicine.
- Tarugu, Vikram (2003) Assistant Professor** **Internal Medicine**
 M.B.B.S., 1995, University of Mysore, India;
 M.D., 2003, New York Medical College.
- Testerman, George (1999) Associate Professor** **Surgery**
 B.S., 1975, Vanderbilt University;
 M.D., 1978, University of Tennessee.
- Thewke, Douglas P. (1996) Assistant Professor** **Biochemistry and Molecular Biology**
 M.Sc., 1990, Central University of Pondicherry;
 M.Phil., 1992 and Ph.D., 1995, Central University of Hyderabad.

- Townsend, Thomas (1991) Associate Professor Family Medicine**
 B.S., 1969, Hendrix College;
 M.D., 1973, University of Arkansas School of Medicine.
- Trent, Stephen (2002) Assistant Professor Microbiology**
 B.A., 1994, University of Virginia;
 Ph.D., 1998, East Tennessee State University, Quillen College of Medicine.
- Tudiver, Fraser G. (2001) Professor Family Medicine**
Director of Primary Care Research
 B.S., 1968, McGill University;
 B.Med.Sc., 1971, and M.D., 1973, Memorial University of Newfoundland.
- Turner, Barbara B. (1982) Professor Physiology**
Adjunct Faculty, Psychiatry
 B.A., 1967 and M.A., 1970, Immaculate Heart College;
 Ph.D., 1974, University of California, Los Angeles.
- Turner, Kevin L. (2003) Assistant Professor Family Medicine**
 B.S., 1996, Maryville College, Maryville, Tennessee;
 M.D., 2000, East Tennessee State University, Quillen College of Medicine.
- Votaw, May L. (1978) Professor Emerita Internal Medicine**
 A.B., 1952, Hope College;
 M.D., 1956, University of Michigan Medical School.
- Walker, Elaine (1991) Clinical Assistant Professor .. Internal Medicine**
 B.S., 1979 North Dakota State University;
 Ph.D., 1988, University of North Carolina, Chapel Hill.
- Wallace, Richard L. (2000) Assistant Professor Learning**
Resources Coordinator,
Interlibrary Services and Outreach Services
 B.Ed., 1980, Graham Bible College;
 M.A., 1982, Columbia Biblical Seminary;
 M.Div., 1990, Mid-America Baptist Theological Seminary;
 M.S.L.S., 1994, University of Tennessee;
 M.A., 1998, Tusculum College.
- Wallen, Ellen B. (1999) Assistant Professor Forensic Pathology**
 M.D., 1989, East Tennessee State University, Quillen College of Medicine.
- Walters, David N. (1989) Professor Surgery**
 B.S., 1973, University of Wyoming;
 M.D., 1977, Medical College of Georgia.
- Wattad, Ahmad A. (1990) Professor Pediatrics**
 M.D., 1977, Padova University, Italy.
- Watkins, Donna J. (1995) Assistant Professor Assistant Director,**
Learning Resources
 B.S., 1982, University of Wisconsin;
 M.Lib., 1989, University of Washington.
- Whaley, Martha Garland (2000) Assistant Professor Learning**
Resources Coordinator,
Technical Services and History of Medicine
 B.S., 1973 and M.L.S., 1973, Emory University.
- Whitaker, Jack H. (1995) Assistant Professor Internal Medicine**
 B.S., 1975 and M.S., 1982, East Tennessee State University;
 M.D., 1989, East Tennessee State University, Quillen College of Medicine.
- Williams, Carole A. (1980) Professor Physiology**
 A.B., 1969, Albertus Magnus College;
 Ph.D., 1977, St. Louis University.
- Williams, David L. (1991) Professor Surgery**
Adjunct Faculty, Pharmacology
 B.S., 1974, Kentucky Wesleyan College;
 Ph.D., 1985, Tulane University.
 ETSU Distinguished Faculty Award, 1997.
- Williams, Marcus G. (1989) Professor Surgery**
 B.S., 1974, Harvard University;
 M.D., 1979, Howard University College of Medicine.
- Wundergem, Robert (1978) Professor Physiology**
 B.S., 1972, Calvin College;
 Ph.D., 1977, The Medical College of Wisconsin.
- Woodside, Jack R. Jr. (1992) Associate Professor Family Medicine**
Associate Program Director
 B.A., 1973, University of Virginia;
 M.D., 1977, Jefferson Medical College.
- Wooten, Daniel J. (1995) Professor Surgery**
 B.S., Lafayette College, Pennsylvania;
 M.D., 1965, Meharry Medical College.
- Wu, Tiejian (2002) Assistant Professor Family Medicine**
 M.D., 1983, and M.S., 1986, Shandong Medical University, China;
 Ph.D., 1999, State University of New York- Buffalo.
- Wyrick, Priscilla B. (2000) Professor Chair, Microbiology**
 B.S., 1963, M.S., 1967 and Ph.D., 1971, University of North Carolina.
- Yin, Deling (2003) Assistant Professor Internal Medicine**
 M.D., 1987, Taishan Medical University, China;
 Ph.D., 1995, Shanghai Medical University, China.
- York, Jackie R. (2002) Assistant Professor Pediatrics**
 B.S., 1992, East Tennessee State University;
 M.D., 1996, East Tennessee State University, Quillen College of Medicine.
- Young, Mark F. (1992) Professor Internal Medicine**
 B.S., 1981, East Tennessee State University;
 M.D., 1985, East Tennessee State University, Quillen College of Medicine.
- Youngberg, George A. (1980) Professor Pathology**
Adjunct Faculty, Internal Medicine
 B.A., 1973, Lake Forest College;
 M.D., 1977, Northwestern University Medical School.
- Zakaria, Wael N. (1994) Assistant Professor Internal Medicine**
 M.D., 1983, University of Jordan School of Medicine, Jordan.
- Zou, Yue (2001) Professor Biochemistry and Molecular Biology**
 B.S., 1982, Chengdu University of Science and Technology, China;
 M.S., 1985, Dalian Institute of Chemical Physics, Chinese Academy of Sciences;
 Ph.D., 1991, Clark University, Worcester, Massachusetts.
 ETSU Distinguished Faculty Award, 2009.

COLLEGE OF NURSING

- Alley, Nancy M. (1972) Professor Family/Community Nursing**
Executive Associate Dean
 B.S.N., 1968, Medical College of Virginia;
 M.S., 1972, Virginia Commonwealth University;
 Ph.D., 1987, University of Tennessee-Knoxville.
- Anderson, Judith R. (2005) Associate Professor ... Chair, Professional**
Roles/Mental Health Nursing
 B.S.N., 1971 and M.Ed., 1967, University of Virginia;
 M.S.N., 1972, University of Texas at Arlington;
 Ph.D., 1988, University of Pennsylvania;
 APRN Certificate, 1997, Boston College.
- Baharestani, Mona M. (2007) Associate Professor Professional**
Roles/Mental Health Nursing
 B.S.N., 1984, East Tennessee State University;
 M.S.N., 1986, Hunter College;
 Ph.D., 1993, Adelphi University.
- Barnett, Sherri L. (2008) Instructor Adult Nursing**
 B.S.N., 1997 and M.S.N., 2006, East Tennessee State University.
- Blowers, Sally S. (1995) Associate Professor Adult Nursing**
 B.S.N., 1966, Columbia University;
 M.S., 1969, University of Rochester;
 Ph.D., 1996, University of Tennessee-Knoxville.
- Bringhurst, Martha H. (2007) Assistant Professor Adult Nursing**
 B.S.N., 1974, Medical College of Georgia;
 M.N., 1986, Louisiana State University.
- Brodrick, Rhonda L. (2001) Assistant Professor Adult Nursing**
 B.S.N., 1986, East Tennessee State University;
 M.S.N., 1990, Vanderbilt University.
- Calhoun, Sandra K. (2004) Assistant Professor Professional Roles/**
Mental Health Nursing
 A.D.N., 1979, Mountain Empire Community College;
 B.S.N., 2002, and M.S.N., 2003, East Tennessee State University.
 M.S., 1980, University of Houston.

- Churchill, Sandra D. (2008) Instructor Family/Community Nursing**
B.S.N., 1991 and M.S.N., 2000, East Tennessee State University.
- Crowe, Gayle (2007) Instructor Family/Community Nursing**
B.S.N., 1986 and M.S.N., 1991, California State University.
- Davenport, Lisa A. (2007) Instructor Professional Roles/
Mental Health Nursing**
B.S.N., 1990 and M.S.N., 2007, University of Tennessee.
- Drummond, Ellen W. (1994) Assistant Professor Adult Nursing**
B.S.N., 1975, Jacksonville State University;
M.S.N., 1986, Whitworth College.
- Dunham-Taylor, Janne (1998) Professor Professional Roles/
Mental Health Nursing**
B.S., 1968, Michigan State University;
M.S., 1975 and Ph.D., 1982, University of Michigan.
- Edwards, Joellen B. (1989) Professor Family/Community Nursing**
B.S.N., 1979, Ohio University;
M.S.N., 1982, West Virginia University;
Ph.D., 1988, Ohio University.
- Freeman, Charlene H. (2007) Assistant Professor Family/
Community Nursing**
B.S.N., 1976 and M.S.N., 2006, East Tennessee State University.
- Garrett, Linda H. (2002) Assistant Professor Family/
Community Nursing**
B.S., 1986, M.S.N., 1999, and Ph.D., 2005, East Tennessee State University.
- Ghaffari, Masoud (2002) Associate Professor Adult Nursing**
B.Sc., 1978, Institute of Paramedical Sciences;
M.Ed., 1996, Cleveland State University;
M.S.N./B.S.N., 1999, University of Akron;
Ph.D., 2001, Cleveland State University.
- Glenn, Loyd Lee (1992) Professor Professional Roles/
Mental Health Nursing**
B.A., 1974, University of California;
Ph.D., 1979, Stanford University.
- Goins, Larry W. (2008) Assistant Professor Professional Roles/
Mental Health Nursing**
B.S.N., 1990, Tennessee Technological University;
M.S.N., 1994, Andrews University;
Ed.D., 2007, Argosy University – Atlanta.
- Granberry, Nancy C. (2005) Assistant Professor ... Professional Roles/
Mental Health Nursing**
B.S., 1981, University of South Alabama;
M.S., 1986, Florida International University;
M.S.N., 1991, Troy State University;
N.D., 2004, Rush University.
- Greenwell, Audry M. (2004), Assistant Professor Family/
Community Nursing**
B.S.N., 1981, Spalding University;
M.S.N., 2003, University of North Carolina—Charlotte.
- Grover, Susan M. (1979) Professor Chair, Family/
Community Nursing**
B.S.N., 1969, Alfred University;
M.S.N., 1979, University of Rochester;
Ph.D., 1993, University of Tennessee-Knoxville.
- Hayes, Patricia A. (1999) Associate Professor Professional Roles/
Mental Health Nursing**
B.S.N., 1981, Grand View College;
M.S., 1985, University of Minnesota;
Ph.D., 1997, Georgia State University.
- Hossler, Susan M. (2001) Assistant Professor Family/Community
Nursing**
B.S.N., 1989, East Tennessee State University;
M.S.N., 1997, University of Tennessee—Knoxville.
- Hunter, Rebecca D. (2004) Assistant Professor Family/Community
Nursing**
B.S.N., 1976, and M.S.N., 1985, University of Tennessee—Memphis.
- Jackson, Frances A. (2000) Associate Professor Professional
Roles/Mental Health Nursing**
B.A., 1972, Vanderbilt University;
B.S.N., 1990, East Tennessee State University;
M.S.N., 2000, University of Virginia.
- Kaplan, Amy I. (2004) Assistant Professor Professional Roles/
Mental Health Nursing**
B.A., 1964 and M.A., 1966, New York University;
B.S.N., 1991, Wilmington College;
M.S.N., 1994, East Tennessee State University.
- Lauzon, Catherine M. (2007) Instructor Adult Nursing**
B.S.N., 1996 and M.S.N., 1998, Florida International University.
- Loury, Sharon D. (2008) Assistant Professor Family/
Community Nursing**
B.S.N. and M.S.N., 1994, California State University – Los Angeles;
Ph.D., 2003, University of Virginia.
- Magee, Debra (2008) Instructor Adult Nursing**
B.S.N., 2002, Virginia Commonwealth University;
M.S.N., 2006, Mountain State University.
- Marrs, Jo-Ann S. (2002) Professor Professional Roles/
Mental Health Nursing**
B.S., 1972, M.S., 1977, M.S.N., 1987, and Ed.D., 1985, University of Tennessee-Knoxville.
- Martin, Kathy L. (2007) Associate Professor Chair, Adult Nursing**
B.S.N., 1976, University of Central Arkansas;
M.S.N., 1977, University of Alabama, Birmingham;
Ph.D., 1995, Vanderbilt University.
- McConnell, Peggy R. (1974) Associate Professor Adult Nursing**
B.S.N., 1970, East Tennessee State University;
M.S.N., 1971, Emory University.
- McCook, Judy G. (1997) Associate Professor Family/
Community Nursing**
B.S.N., 1976, Medical College of Georgia;
M.S.N., 1979, University of Alabama, Birmingham.
Ph.D., 2002, University of Michigan-Ann Arbor.
- McNeer, Gina S. (2005) Assistant Professor Adult Nursing**
B.S.N., 1999 and M.S.N., 2002, East Tennessee State University.
- Merriman, Carolyn S. (1985) Associate Professor Family/
Community Nursing**
B.S.N., 1979, University of Evansville;
M.S.N., 1983, Texas Woman's University.
- Moore, Patricia A. (2004) Assistant Professor Adult Nursing**
B.S.N., 1997, East Tennessee State University;
M.S.N., 2001, University of Tennessee—Knoxville.
- Nehring, Wendy M. (2009) Professor Dean, College of Nursing
Family/Community Nursing**
B.S.N., 1979, Illinois Wesleyan University School of Nursing;
M.S., 1983, University of Wisconsin – Madison;
Ph.D., 1989, University of Illinois at Chicago.
- Pearson, Tamera L. (2004) Assistant Professor Adult Nursing**
B.S.N., 1985, Southern College;
M.S.N., 1990, Vanderbilt University;
Ph.D., 1997, University of Southern Carolina.
- Rayman, Kathleen M. (1999) Associate Professor Professional
Roles/Mental Health Nursing**
B.S.N., 1978, University of Pittsburgh;
M.S.N., 1987 and Ph.D., 1994, University of Virginia.
- Rice, Judith A. (1997) Assistant Professor Family/
Community Nursing**
B.S., 1988, B.S.N., 1994 and M.S.N., 1996, East Tennessee State University.
- Sell, Kimberly A. (2005) Assistant Professor Adult Nursing**
B.S.N., 1989, Auburn University;
M.S.N., 1999, University of Phoenix.
- Schreiner, Terri E. (2001) Assistant Professor Professional Roles,
Mental Health Nursing**
B.S.N., 1984, East Tennessee State University;
M.S.N., 2000, University of North Carolina, Charlotte.

**Stewart-Glen, Jennifer D. (2004) Assistant Professor Family/
Community Nursing**

B.S.N., 1977, Radford University;
M.S.N., 2000, George Washington University.

**Swango-Wilson, Amy L. (2008) Associate Professor Family/
Community Nursing**

B.S.N., 1978, Berea College;
M.S.N., 1983, University of Kentucky;
Ph.D., 2007, Walden University.

**Trumbley, Sharon G. (1993) Assistant Professor Family/
Community Nursing**

B.S.N., 1971, Columbia University;
M.S.N., 1977, Boston College.

**Ume-Nwagbo, Pearl N. (1997) Assistant Professor Family/
Community Nursing**

B.S.N., 1981, A&T State University;
M.S.N., 1994 and Ph.D., 2008, East Tennessee State University.

**Vanhook, Patricia M. (2007) Assistant Professor Professional
Roles/Mental Health Nursing**

B.S.N., 1991, M.S.N., 1994, and Ph.D., 2007, East Tennessee State University.

Vertein, Daren W. (2007) Instructor Adult Nursing

B.S.N., 1995, University of Wisconsin, Madison;
M.S.N., 2006, Concordia University.

Wachs, Joy E. (1993) Professor Family/Community Nursing

B.S.N., 1976 and M.S., 1980, University of Wisconsin;
Ph.D., 1986, University of Illinois-Chicago.
ETSU Distinguished Faculty Award, 2000.

**Walls, Jennie L. (1993) Associate Professor Family/
Community Nursing**

B.S.N., 1972, East Tennessee State University;
M.S.N., 1976, University of Tennessee-Memphis.

Wexler, Teresa M. (2005) Instructor Adult Nursing

B.S.N., 2004, East Tennessee State University;
M.S.N., 2006, University of Phoenix.

COLLEGE OF PHARMACY

**Brown, Stacey D. (2007) Assistant Professor Pharmaceutical
Sciences**

B.S., 1998, University of Tennessee at Chattanooga;
Ph.D., 2002, University of Georgia, College of Pharmacy.

**Calhoun, Larry D. (2005) Professor Pharmacy Practice
Dean, College of Pharmacy**

B.S., 1972 and Pharm.D., 1973, University of Tennessee – Memphis.

**Collins, Charles C. (2006) Professor Pharmaceutical Sciences
Associate Dean, Academic Affairs, College of Pharmacy**

B.S., 1977 and Ph.D., 1984, West Virginia University.

**Creekmore, Jr., Freddy M. (2007) Associate Professor Vice Chair,
Pharmacy Practice**

B.S., 1989 and Pharm.D., 1990, University of Kentucky, College of Pharmacy.

**Creekmore, Kathryn A. (2007) Assistant Professor Pharmacy
Practice**

B.S., 1989 and Pharm.D., 1990, University of Minnesota, College of Pharmacy.

**Dumond, Julie B. (2007) Assistant Professor Pharmacy
Practice**

B.S., 2000, Michigan State University;
Pharm.D., 2004, University of Michigan.

**Garcia, Loni T. (2006) Associate Dean Student Affairs,
College of Pharmacy**

B.S., 1978 and M.S., 1984, University of North Carolina at Chapel Hill.

**Harirforoosh, Saeidreza (2007) Assistant Professor ... Pharmaceutical
Sciences**

Pharm.D., 1991, Tehran University;
Ph.D., 2005, University of Alberta.

**Henry, Robin M. (2007) Director Experiential Education
M.B.A., 1997, East Tennessee State University;
Pharm.D., 1991, Mercer University Southern School of Pharmacy.**

**Hess, Jr., Richard A., (2007) Assistant Professor Pharmacy
Practice**

B.S., 1992, University of South Florida;
Pharm.D., 1998, Mercer University Southern School of Pharmacy.

**Hurley, David L. (2007) Associate Professor Vice Chair,
Pharmaceutical Sciences**

B.S., 1979, Guilford College;
M.S., 1982 and Ph.D., 1986, Pennsylvania State University.

Lugo, Ralph A. (2006) Professor Chair, Pharmacy Practice

B.S., 1988, Rutgers University;
Pharm.D., 1991, University of North Carolina at Chapel Hill.

Odle, Brian L. (2007) Assistant Professor Pharmacy Practice

B.S., 1990, Middle Tennessee State University;
Pharm.D., 1994, University of Tennessee – Memphis.

**Panus, Peter C. (2007) Associate Professor Pharmaceutical
Sciences**

B.A., 1979, Huntingdon College;
B.S., 1981, B.S., 1994. and Ph.D., 1985, University of South Alabama.

**Ramsauer, Victoria Palau (2007) Assistant
Professor Pharmaceutical Sciences**

B.A., 1979, Pontificia Universidad Javeriana;
Ph.D., 1999, Florida International University.

Roane, David S. (2006) Professor Chair, Pharmaceutical Sciences

B.A., 1979, Drake University;
B.S., 1984, Louisiana Tech University;
Ph.D., 1987, Louisiana State University Medical Center.

**Stewart, David W. (2007) Assistant Professor Pharmacy Practice
Pharm.D., 2003, Campbell University School of Pharmacy.**

COLLEGE OF PUBLIC HEALTH

**Aldrich, Timothy (2005) Associate Professor Biostatistics/
Epidemiology**

B.S., 1972 and M.P.H., 1979, University of Alabama, Birmingham;
Ph.D., 1985, University of Texas.

**Anderson, James L. (2002) Assistant Professor Interim Chair,
Biostatistics/Epidemiology**

B.S., 1974, Walla Walla College;
M.D., 1977, and M.P.H., 1989, Loma Linda University;
Ph.D., 2002, University of Texas.

**Baylor, Tim (2007) Instructor Assistant Dean for
Public Health Practice,
Health Services Administration**

B.S., 1968, Virginia Polytechnic Institute;
M.S., 1989, University of Houston-Clear Lake.

**Bishop, Wilsie S. (1978) Professor Health Services Administration
Vice President for Health Affairs and
University Chief Operating Officer**

B.S.N., 1970, Medical College of Virginia;
M.S.Ed., 1976, University of Southern California;
M.S.N., 1978, Virginia Commonwealth University;
D.P.A., 1989, University of Southern California.

**Bounds, Toni H. (2008) Assistant Professor Biostatistics/
Epidemiology**

B.A., 1975 and M.P.H., 1983, University of Tennessee, Knoxville;
Ph.D., 1992, University of South Carolina.

Bowers, Julie L. (1993) Assistant Professor Health Sciences

B.S., 1984, East Tennessee State University;
M.S., 1987, University of Tennessee-Knoxville.

Burrow, Troy E. (2000) Instructor Environmental Health

B.S.E.H., 1965, Henderson State University;
M.S.E.H., 1974, East Tennessee State University.

**Chakraborty, Ranjan N. (2001) Associate Professor Health
Sciences**

B.S., 1979, Gujarat University;
M.S., 1981, University of Baroda;
Ph.D., 1993, Sardar Patel University.

- Currie, William D. (1993) Associate Professor** Health Sciences
B.S., 1982, University of Guelph;
M.S., 1986 and Ph.D., 1989, University of Saskatchewan.
- Drane, J. Wanzer (2006) Associate Professor** Biostatistics/
Epidemiology
B.S., 1955, Northwestern State University of Louisiana;
M.S., 1957, University of Florida;
Ph.D., 1967, Emory University.
- Eloia, Robin (2008) Assistant Professor** Biostatistics/
Epidemiology
B.A., 1977, York University, Toronto;
MHSc., 1993, University of Toronto.
- Florence, James E. (1995) Associate Professor** Interim Chair,
Community Health
B.S., 1974, California Baptist College;
M.A., 1978, Dr. P.H., 1981 and M.P.H., 1982, Loma Linda University.
- Forsman, Allan D. (1998) Associate Professor** Health Sciences
B.S., 1984, University of North Dakota;
M.S., 1988 and Ph.D., 1991, University of North Dakota
School of Medicine.
- Gallagher, Michael T. (1989) Professor** Health Sciences
B.S., 1966, University of Houston;
M.S., 1970, Northwestern University;
Ph.D., 1974, Baylor College of Medicine.
- Hillhouse, Joel (1990) Professor** Community Health
B.S., 1981, Valparaiso University;
Ph.D., 1989, State University of New York – Albany.
- Khoury, Amal J. (2007) Associate Professor** Interim Chair, Health
Services Administration
B.S., 1991 and M.P.H., 1993, American University of Beirut;
Ph.D., 1998, Johns Hopkins University Bloomberg School of Public
Health.
- Lampson, Bert C. (1998) Associate Professor** Health Sciences
B.S., 1977, Delaware Valley College;
M.S., 1981 and Ph.D., 1986, University of Missouri-Columbia,
School of Medicine.
- Lancaster, Terry Elisabeth (2005) Assistant Professor** Health
Sciences
B.S., 1991, Clemson University;
M.A., 1998, Louisiana State University.
- Littleton, Mary Ann (2002) Associate Professor** Community Health
B.A., 1985, University of California-Santa Cruz;
Ph.D., 2001, University of Alabama-Birmingham.
- Liu, Xuefeng (2008) Assistant Professor** Biostatistics/Epidemiology
M.S., 1993, Yangzhou University, China;
M.S., 2002 and Ph.D., 2006, University of Florida.
- Maier, Kurt J. (2000) Associate Professor** Environmental Health
B.A., 1978, University of California-Berkeley;
M.S., 1982, California State-Hayward;
Ph.D., 1990, University of California-Davis.
- Mamudu, Hadii M. (2009) Assistant Professor** Health Services
Administration
B.A., 1997, University of Ghana;
M.P.A., 2001, Indiana University of Pennsylvania;
M.A., 2004 and Ph.D., 2005, West Virginia University.
- Martin, Brian C. (1996) Assistant Professor** Health Services
Administration
B.S., 1988, M.B.A., 1993, and Ph.D., 1966, University of South
Carolina.
- McCoy, Gene F. (1966) Associate Professor** Health Sciences
B.S., 1964 and M.A., 1966, East Tennessee State University;
M.S.P.H., 1969, University of North Carolina.
- McKamey, Michael I. (2007) Instructor** Biostatistics/Epidemiology
B.A., 1981 and 1982, University of Tennessee – Knoxville;
M.Ed., Milligan College.
- Metts, Tricia (2006) Assistant Professor** Environmental Health
B.S., 1989 and M.S., 1991, University of Wisconsin;
Ph.D., 2004, University of Michigan.
- Mustain, Eric L. (1990) Associate Professor** Health Sciences
B.A., 1974, University of Missouri-Columbia;
Ph.D., 1984, University of Colorado Health Sciences Center.
- Pack, Rob (2008) Associate Professor** Associate Dean,
College of Public Health
B.S., 1991, University of Alabama, Birmingham;
M.P.H., 1994 and Ph.D., 1998, University of Alabama at Birmingham
School of Public Health.
- Powers, C. Laraine (1995) Associate Professor** Health Sciences
B.S., 1983-Memphis State University;
M.S., 1987, University of Tennessee-Knoxville;
Ph.D., 1994, University of Tennessee-Memphis.
- Rengasamy, Padmanabhan (2007) Associate Professor** Health
Sciences
B.S., 1970 and M.S., 1973, Madurai University;
Ph.D., 1980, Banaras Hindu University.
- Roh, Chul-Young (2003) Associate Professor** Health Services
Administration
B.A., 1987 and M.A., 1989, InHa University;
M.P.A., 1992, New York University;
Ph.D., 2002, University of Colorado-Denver.
- Rowe, Aimee (2008) Instructor** Community Health
B.S., 1999 and M.P.H., 2001, East Tennessee State University.
- Scheurman, Phillip R. (1986) Professor** Chair, Environmental
Health
B.S., 1975, M.S., 1978 and Ph.D., 1984, University of Florida.
- Silver, Kenneth Z. (2003) Assistant Professor** Environmental
Health
B.S., 1982, University of Massachusetts-Amherst;
M.S., 1990, Harvard University;
D.Sc., 2003, Boston University.
- Stoots, J. Michael (1998) Assistant Professor** Community Health
B.S., 1987 and M.P.H., 1990, East Tennessee State University;
Ed.D., 2001, University of Tennessee.
- Wang, Kesheng (2008) Assistant Professor** Biostatistics/
Epidemiology
B.S., 1989, Henan Normal University, China;
M.S., 1992, China Agricultural University;
Ph.D., 2006, The Hospital for Sick Children, University of Toronto.
- Williams, Burl R. Jr. (1994) Associate Professor** Health Sciences
B.S., 1969, Northeastern State College;
M.S., 1972, Kent State University;
Ph.D., 1991, University of Montana.
- Wu, Tiejian (2002) Associate Professor** Biostatistics/
Epidemiology
M.D., 1983 and M.S., 1986, Shandong University;
Ph.D., 1999, State University of New York- Buffalo.
- Wykoff, Randolph F. (2006) Professor** Dean, College of
Public Health
B.S., 1977, B.A., 1977, M.P.H.-T.M., 1981, M.D., 1981, Tulane
University.

UNIVERSITY LIBRARIES

- Adebonojo, Leslie (2008) Assistant Professor** Undergraduate
Student Services Librarian
B.A., 1974, University of Rochester;
M.S.L.S., 1975, Case Western Reserve University;
M.Ed., 2008, East Tennessee State University.
- Arnold, Amy (2008) Assistant Professor** Graduate Programs
Librarian
B.A., 1995, East Tennessee State University;
M.L.I.S., 1998, Florida State University.
- Campbell, Kathy (2001) Assistant Professor** Information/
Reference Librarian
B.A., 1976, University of South Carolina;
M.S.L.S., 1979, University of Tennessee.
- Ellis, Mark (1988) Assistant Professor** Head of Reference
B.A., 1976, Wake Forest University;
M.A., 1978 and Ph.D., 1984, University of Illinois, Urbana-
Champaign;
M.S.L.S., 1985, University of Kentucky.

Flanigan, Jean Culp (1977) Professor Interim Dean
 B.S., 1964 and M.S., 1973, Auburn University;
 Ed.D., 1979, East Tennessee State University.

Hensley, Kelly (1996) Professor Interlibrary Loan
 B.A., 1988 and M.S.L.S., 1989, University of Kentucky.

Jones, Marie F. (2000) Associate Professor Assistant Dean
 B.A., 1986, Capital University;
 M.L.S., 1990, Kent State;
 Ed.D., 2008, East Tennessee State University.

Libby, Katherine A. (1995) Associate Professor Catalog Librarian
 B.A., 1984, Knox College;
 M.L.I.S., 1991, University of Texas-Austin.

O'Brien, Deborah (1998) Associate Professor Resource
 Services Librarian
 B.S., 1982, Kent State University;
 M.L.S., 1993, University of South Florida.

Shuttle, Jerry F. (2000) Associate Professor Resource
 Services Librarian
 B.S., 1969 and M.A., 1974 East Tennessee State University;
 M.B.A., 1980, Indiana University;
 M.L.I.S., 1997, University of Tennessee.

Szarejko, Celia (1991) Professor Systems Librarian
 B.A., 1977, Cornell University;
 M.L.S., 1981, Syracuse University;
 M.B.A., 1988, University of Maryland.

Tolley-Stokes, Rebecca (2000) Associate Professor Reference
 Librarian
 B.S., 1994, East Tennessee State University;
 M.L.I.S., 1996, University of North Carolina-Greensboro;
 M.A., 2005, East Tennessee State University.

The School of Continuing Studies and Academic Outreach draws
 faculty for its programs from throughout the university.

FACULTY EMERITUS

Adebonojo, Festus O. (1988) Professor Pediatrics
 B.S., 1956 and M.D., 1960, Yale University.

Bailey, Roger C. (1973) Professor Psychology
 B.A., 1964, Concord College;
 M.A., 1966, West Virginia University;
 Ph.D., 1973, Oklahoma State University.

Baxter, Colin F. (1971) Professor History
 B.S., 1961, East Tennessee State University;
 M.A., 1963 and Ph.D., 1965, University of Georgia.
 Distinguished Faculty Award, 1995.

Bishop, Creg S. (1977) Professor Environmental Health
 Associate Dean, College of Public and Allied Health
 B.S.E.H., 1969 and M.S.E.H., 1973, East Tennessee State University;
 Ph.D., 1977, University of Kansas.

Blaustein, Richard J. (1970) Professor Sociology and Anthropology
 B.A., 1966, Brooklyn College;
 M.A., 1969 and Ph.D., 1975, Indiana University.

Braswell, Michael C. (1977) Professor Criminal Justice
 and Criminology
 B.A., 1969, Mercer University;
 M.A., 1970, West Georgia College;
 Ed.S., 1973, University of Georgia;
 Ph.D., 1975, University of Southern Mississippi.
 ETSU Distinguished Faculty Award, 2003.

Brown, Wesley C. (1980) Professor Human Development
 and Learning
 B.A., 1969, Florida State University;
 M.A. 1971, University of South Florida;
 Ph.D., 1975, Kent State University.
 ETSU Distinguished Faculty Award, 1991 and 1994.

Burnley, Cynthia S. (1969) Associate Professor Sociology and
 Anthropology
 B.S., 1968, Tennessee Technological University;
 M.A., 1970 and Ph.D., 1979, University of Tennessee.

Coogan, Philip S. (1978) Professor Pathology
 M.D., 1962, St. Louis University School of Medicine.

Coutinho, Martha J. (1995) Professor Human Development
 and Learning
 B.A., 1974 and M.A., 1976, University of Colorado;
 Ph.D., 1981, University of Connecticut.
 ETSU Distinguished Faculty Award, 1999.

Daigneault, Ernest A. (1977) Professor Pharmacology
 B.S., 1952, Massachusetts College of Pharmacy;
 M.S., 1954, University of Missouri, Kansas City;
 Ph.D., 1957, University of Tennessee-Memphis.

Douglas, John E. (1980) Professor Internal Medicine
 B.A., 1959, Oberlin College;
 M.D., 1963, Johns Hopkins University School of Medicine.

Day, Ronnie M. (1968) Professor History
 B.A., 1963, Cumberland College;
 M.A., 1965 and Ph.D., 1971, Texas Christian University.

Gardberg, Leonard J. (2000) Assistant Professor Internal Medicine
 B.S., 1960 and M.D., 1977, University of Illinois.

Gotterbarn, Donald W. (1990) Professor Computer and
 Information Sciences
 B.A., 1964, Hofstra University;
 M.A., 1970 and Ph.D., 1971, University of Rochester.

Hammond, Judith A. (1975) Professor Sociology and Anthropology
 Assistant Vice President for Community
 Outreach and Family Services
 A.A., 1970, St. Petersburg Junior College;
 B.S., 1972, M.A., 1973 and Ph.D., 1975, Florida State University.

Herd, J. Kenneth (1978) Professor Pediatrics
 B.S., 1950, Rutgers University;
 M.D., 1954, Cornell University Medical College.

Hilliard, Jerry L. (1984) Professor Communication
 B.A., 1962 and M.A., 1969, Kent State University;
 Ph.D., 1978, University of Tennessee.

Huang, Janice (1995) Associate Professor Mathematics and Statistics
 A.B., 1963, Brown University;
 M.A. 1965 and Ph.D., 1992, University of Illinois.

Huang, Thomas T. (1971) Professor Chemistry
 B.S., 1961, National Taiwan University;
 M.A., 1964, East Tennessee State University;
 Ph.D., 1969, University of Illinois.
 ETSU Distinguished Faculty Award, 1988.

Hurd, Mary G. (1966) Associate Professor English
 Director, Film Studies Minor
 B.S., 1962 and M.A., 1965, East Tennessee State University.

Isbell, Rebecca T. (1975) Professor Human Development
 and Learning
 Director, Center for Early Childhood Learning and Development
 B.S., 1964, University of Tennessee;
 M.A., 1973, East Tennessee State University;
 Ed.D., 1979, University of Tennessee.
 ETSU Distinguished Faculty Award, 1994.

Jablonski, T. Henry, Jr. (1966) Associate Professor.. Mathematics and
 Statistics
 B.S., 1961, Maryville College;
 M.A., 1965, George Peabody College for Teachers;
 M.P.H., 1966, University of North Carolina.

Kasmai, Hamid S. (1987) Professor Chemistry
 B.S., 1961, Teacher's College, Tehran, Iran;
 Ph.D., 1969, University of Wisconsin.

Kerley, Linda J. (1981) Associate Professor Adult Nursing
 B.S., 1964 and M.A., 1965, Appalachian State University;
 B.S.N., 1978, East Tennessee State University;
 M.S.N., 1983, University of North Carolina-Greensboro;
 Ph.D., 1993, University of Texas-Austin.

Kerley, Lyndell M. (1967) Professor Mathematics and Statistics
 B.S., 1964 and M.A., 1965, Appalachian State University;
 Ph.D., 1977, University of Tennessee.

- King, Marjorie S. (1993) Associate Professor** Professional Roles/
Mental Health Nursing
B.S.N., 1970, Duquesne University;
M.N.Ed., 1976, University of Pittsburgh;
Ed.D., 1998, East Tennessee State University.
- Koehler, Anne (1990) Assistant Professor** English
B.A., 1963, East Tennessee State University;
M.A., 1966, Georgetown University.
- Kopp, Richard W. (1971) Associate Professor** Chemistry
B.S., 1960, Rutgers University;
M.S., 1963, University of California;
Ph.D., 1966, University of Michigan.
- Lawson, Linda M. (1987) Professor** Mathematics and Statistics
B.S., 1964, M.S., 1969 and Ph.D., 1973, University of Tennessee.
- Logan, David G. (1979) Professor** Art and Design
B.S., 1963, University of Wisconsin;
M.A., 1967, University of Illinois;
M.F.A., 1968, University of Wisconsin.
- Lowry, Lois W. (1999) Professor** Professional Roles/
Mental Health Nursing
B.S.N., 1955, Cornell University;
M.N., 1977, University of Florida;
D.N.Sc., 1987, University of Pennsylvania.
- MacKay, Louise (1993) Associate Professor** .. Educational Leadership
and Policy Analysis
B.A., 1957, Transylvania University, Lexington Kentucky;
M.A., 1969 and Ph.D., 1983, George Peabody College for Teachers,
Vanderbilt University.
- McKinstry, Sam W. (1974) Associate Professor** Political Science,
International Affairs, and Public Administration
B.A., 1962, Westminster College;
M.A., 1969 and Ph.D., 1974, University of Missouri - Columbia.
- Melendez, Jane E. (2000) Professor** Curriculum and Instruction
B.S., 1961, Eastern Michigan University;
M.S., 1981 and Ph.D., 1991, Indiana University.
- Mills, James C. (1971) Professor** Art and Design
A.A., 1960, Spartanburg Methodist College;
B.A., 1963, Berea College;
M.A.T., 1964, Oberlin College;
Ph.D., 1972, University of Kansas.
- Moynihan, Patricia C. (1991) Professor** Surgery
Adjunct Faculty, Pediatrics
Director, Division of Pediatrics Surgery
B.S., 1959, University of Southern Mississippi;
M.D., 1965, University of Mississippi School of Medicine.
- Nelson, Diane (1968) Professor** Biological Sciences
B.S., 1966, M.S., 1968, and Ph.D., 1973, University of Tennessee.
- Odom, James L. (1971) Professor** History
B.A., 1963, Birmingham Southern College;
M.A., 1965 and Ph.D., 1968, University of Georgia.
Distinguished Faculty Award, 1997.
- Peplies, Robert W. (1966) Professor** Geosciences
B.S., 1956 and M.A., 1960, Northern Illinois University;
Ph.D., 1965, University of Georgia.
- Phillips, Laurelle B. (2000) Associate Professor** Human
Development and Learning
B.A., 1964, Emory University;
M.Ed., 1992, East Tennessee State University;
Ph.D., 1999, University of Tennessee.
- Pleasant, James C. (1966) Professor** Computer and
Information Sciences
B.S., 1958 and M.A., 1960, East Carolina University;
Ph.D., 1965, University of South Carolina.
- Ramsey, Priscilla W. (1990) Professor** Adult Nursing
B.S., 1976 and M.S., 1979, Clemson University;
Ph.D., 1990, University of Virginia.
ETSU Distinguished Faculty Award. 2003.
- Rasch, Ellen M. (1978) Professor** Anatomy and Cell Biology
Ph.B., 1945, B.S., 1947, M.S., 1948 and Ph.D., 1950,
The University of Chicago.
ETSU Distinguished Faculty Award, 1989.
- Ridgeway, Nathan A. (1979) Professor** Internal Medicine
Chief, Division of General Internal Medicine
Residency Program Director, Kingsport
B.S., 1953, Furman University;
M.D., 1957, Duke University School of Medicine.
- Riser, Robert Richard (1977) Professor** Computer and
Information Sciences
B.S., 1961, Tusculum College;
M.S., 1965, Stevens Institute of Technology.
- Royalty, Dale M. (1971) Associate Professor** History
B.A., 1964, Kenyon College;
M.A., 1967 and Ph.D., 1971, University of Kentucky.
- Rushing, Clarence A., Jr. (1969) Associate Professor** History
B.A., 1963 and M.A., 1965, Tennessee Technological University.
- Seymour, Rosalee J. (1993) Associate Professor** Professional
Roles/Mental Health Nursing
B.S.N., 1971, West Chester University;
M.S., 1980 and Ed.D., 1991, University of Delaware.
- Sherrill, Anne (1982) Professor** English
B.A., 1960 and M.A., 1969, University of Texas-Austin;
Ph.D., 1981, University of Iowa.
- Sinensky, Michael (1995) Professor** Chair, Biochemistry and
Molecular Biology
Adjunct Faculty, Internal Medicine
B.A., 1966, Columbia College;
Ph.D., 1972, Harvard University.
- Story, Charles H. (1965) Professor** Technology and Geomatics
B.S., 1961, Murray State University;
M.S.Ed., 1965, Southern Illinois University;
Ed.D., 1970, Texas A&M University.
- Smith, J. Kelly (1979) Professor** Internal Medicine
B.A., 1957, Cornell University;
M.D., 1960, Cornell University Medical College.
- Stanley, Isabel Bonnyman (1983) Professor** English
B.A., 1977 and M.A., 1982, East Tennessee State University;
Ph.D., 1990, University of Tennessee.
- Tober-Meyer, Brunhilde K. (1978) Associate Professor** Physiology
Adjunct Faculty, Microbiology
Director, Division of Laboratory Animal Resources
D.V.M., 1964, Tierärztliche Hochschule, Hannover, Germany;
M.S., 1973, State University of New York- Buffalo.
- Tollefson, Terry (1993) Professor** Educational Leadership
and Policy Analysis
A.B., 1961, University of Michigan;
M.B.A., 1963, Michigan State University;
Ph.D., 1975, University of Michigan.
- Tottle, Jack (1994) Associate Professor** Appalachian Studies
B.A., 1963, Dartmouth College.
- Turkett, Shirley M. (1983) Assistant Professor** Professional Roles/
Mental Health Nursing
B.S.N., 1955, Texas Christian University;
M.A., 1974, East Tennessee State University;
M.S.N., 1983, University of Tennessee.
- Wilson, Jim L. (1995) Professor** Chair, Family Medicine
A.B., 1966, Washington University, St. Louis;
M.D., 1970, University of Missouri.
- Wolfe, Margaret Ripley (1969) Professor** History
B.S., 1967 and M.A., 1969, East Tennessee State University;
Ph.D., 1974, University of Kentucky.
ETSU Distinguished Faculty Award, 1977.
ETSU Foundation Research Award, 1979.
- Woodruff, Michael L. (1979) Professor** Anatomy and Cell Biology
B.A., 1969, University of Michigan;
M.S., 1971 and Ph.D., 1973, University of Florida.
ETSU Foundation Research Award, 1990.
- Zinser, Otto (1970) Professor** Psychology
B.S., 1964, Trinity College;
M.A., 1968 and Ph.D., 1970, Texas Christian University.

Administrative Officers

President	Paul E. Stanton, Jr., M.D.
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Academic Deans

College of Arts and Sciences	Gordon K. Anderson, Ph.D.
College of Business and Technology	Linda R. Garceau, D.B.A.
College of Clinical and Rehabilitative Health Sciences	Nancy Scherer, Ph.D.
School of Continuing Studies and Academic Outreach	Rick E. Osborn, Ph.D.
Claudius G. Clemmer College of Education	W. Hal Knight, Ph.D.
Honors College	Rebecca A. Pyles, Ph.D.
School of Graduate Studies	Cecilia A. McIntosh, Ph.D.
James H. Quillen College of Medicine	Philip C. Bagnell, M.D.
College of Nursing	Wendy M. Nehring, Ph.D.
Bill Gatton College of Pharmacy	Larry D. Calhoun, Pharm.D.
College of Public Health	Randolph F. Wykoff, M.D.

Chairs of Excellence – Chairholders

Cecile Cox Quillen Chair of Medicine in Geriatrics and Gerontology	Ronald C. Hamdy, M.D.
AFG Industries Chair of Excellence in Business and Technology	Andrew J. Czuchry, Ph.D.
Allen and Ruth Harris Chair of Excellence in Business	Allan D. Spritzer, Ph.D.
Carroll H. Long Chair of Surgical Research	Race L. Kao, Ph.D.
Paul Dishner Chair of Excellence in Medicine	K. Krishnan, M.D.
James H. Quillen Chair of Excellence in Teaching and Learning	James E. McLean, Ph.D.
Wayne G. Basler Chair of Excellence for the Integration of the Arts, Rhetoric, and Science	John Bowers (Fall 1996)
	Dr. Gustavo Perez Firmat (Fall 1997)
	Patrick Cronin (Spring 1999)
	Lisa Alther (Fall 1999)
	Dr. George Gale (Fall 2000)
	Dr. Anne LaBastille (Fall 2001)
	Dr. John Shelton Reed (Fall 2002)
	John Blake, Jr. (Spring 2004)
	Mel Chin (Fall 2004)
	Dr. Martin Hendry (2005)
	Dr. George Kampis (Spring 2007)
	Ivan Peterson (Spring 2008)
	Dr. Phillip Rhodes (Fall 2009)

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Kenny Dunn, Faculty Regent	Memphis
Pamela Fansler	Knoxville
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Fran E. Marcum	Tulahoma
Paul W. Montgomery	Kingsport
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