**Spring Term 2011**

**Complete Session, May 17 - Aug. 13**

- Jan. 13 ......................................................... Classes begin
- Jan. 17 ..................................................... Martin Luther King holiday
- Jan. 19 ...................................................... Last day to drop a course
- Jan. 26 ...................................................... Last day to late register or late add a course
- March 7-11 ................................................ Spring Break
- March 9 ...................................................... Last day to drop a course
- April 22 ..................................................... 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**

- June 24 ...................................................... Last day to drop a course (Session 1)
- July 4 ........................................................ Independence Day Holiday
- July 6 ....................................................... Last day to drop a course (Session 1)
- July 8 ....................................................... Last day of classes (Session 1)

**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

**Academic Calendar 2010-2011**

**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
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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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2010-2011 Undergraduate Catalog
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.
East Tennessee State University

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

December 1998

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.
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.

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 geometry as a major component .................................. 1
Natural/Physical Sciences, including at least one unit, with lab, of biology, chemistry, or physics ........ 2
Social Studies, including world history, world geography, ancient history, European history, or modern history .......................................................... 1
United States History ........................................ 1
A single Foreign Language .................................. 2
Visual or Performing Arts, including theatre arts, visual arts, music theory, music history, vocal music, art history, or general music .................................................. 1

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 and/or science 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 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
   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
   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:

   1. 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.
   2. Provide the appropriate application fee at the time of application.
   3. 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.
   4. Provide official transcripts* as well from all previously attended colleges and universities 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 admission to the university or complete transfer credit analysis. Late applications may be reviewed at the discretion of the Vice Provost for Enrollment Services.

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 examination, 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.

Credit for 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.

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.I.S.I.])

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.

East Tennessee State University
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/Emmanuel/ETSU Agreement

Full-time students (12 credits or more) may take courses at Milligan College and Emmanuel 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 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 complete an English placement exam when they arrive on campus. Students who cannot demonstrate satisfactory proficiency in English may be required to complete an English placement exam when they arrive on campus.

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 according to this or a similar provision at any institution of higher education.

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.

Approved Programs in Undergraduate Studies

<table>
<thead>
<tr>
<th>State</th>
<th>Approved Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>Bachelor of Science in Surveying and Mapping</td>
</tr>
<tr>
<td>Arkansas</td>
<td>Bachelor of Science in Dental Hygiene (on-site and online)</td>
</tr>
<tr>
<td>Delaware</td>
<td>Bachelor of Arts in Bluegrass, Old Time, and Country Music</td>
</tr>
<tr>
<td>Georgia</td>
<td>Bachelor of Science in Engineering Technology (Biomedical Engineering Technology only)</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Bachelor of Science in Dental Hygiene (online only)</td>
</tr>
<tr>
<td>Louisiana</td>
<td>Bachelor of Science in Digital Media</td>
</tr>
<tr>
<td>Mississippi</td>
<td>Bachelor of Science in Surveying and Mapping</td>
</tr>
<tr>
<td>Missouri</td>
<td>Bachelor of Science in Digital Media</td>
</tr>
<tr>
<td>North Carolina</td>
<td>Bachelor of Science in Allied Health (Cardiovascular Science, Allied Health Leadership, and Radiography)</td>
</tr>
<tr>
<td>Ohio</td>
<td>Bachelor of Science in Dental Hygiene (online or onsite)</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>Bachelor of Science in Surveying and Mapping</td>
</tr>
<tr>
<td>Oregon</td>
<td>Bachelor of Science in Allied Health (Construction Option Only)</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>Bachelor of Science in Engineering Technology (Manufacturing, Construction, and Biomedical options only)</td>
</tr>
<tr>
<td>Tennessee</td>
<td>Bachelor of Science in Environmental Health</td>
</tr>
<tr>
<td>Texas</td>
<td>Bachelor of Science in Environment Technology (Cardiovascular Science and Allied Health Leadership)</td>
</tr>
<tr>
<td>Virginia</td>
<td>Bachelor of Science in Dental Hygiene</td>
</tr>
<tr>
<td>West Virginia</td>
<td>Bachelor of Science in Engineering Technology (Construction Option Only)</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>Bachelor of Science in Engineering Technology (Civil Engineering Technology only)</td>
</tr>
<tr>
<td>Wyoming</td>
<td>Bachelor of Science in Engineering Technology (Electrical Engineering Technology only)</td>
</tr>
</tbody>
</table>

Approved Programs in Graduate Studies

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<thead>
<tr>
<th>State</th>
<th>Approved Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>Master of Science in Allied Health (Cardiovascular Science, Allied Health Leadership, and Radiography)</td>
</tr>
<tr>
<td>Florida</td>
<td>Master of Science in Environmental Health</td>
</tr>
<tr>
<td>Georgia</td>
<td>Master of Science in Clinical Nutrition</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Master of Arts in Reading (Storytelling Option)</td>
</tr>
<tr>
<td>Louisiana</td>
<td>Bachelor of Science in Surveying and Mapping</td>
</tr>
<tr>
<td>Maryland</td>
<td>Bachelor of Science in Business Administration (Storytelling Option)</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>Master of Science in Clinical Nutrition</td>
</tr>
<tr>
<td>South Carolina</td>
<td>Master of Arts in Reading (Storytelling Option) cont.</td>
</tr>
<tr>
<td>Texas</td>
<td>Master of Science in Environmental Health</td>
</tr>
</tbody>
</table>

* Note: Programs subject to change by the university, state, or Southern Regional Education Board without notice.
East Tennessee State University

Doctorate of Audiology .................................................... Georgia
Master of Science in Technology ................................. North Carolina (Geoscience Option)

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. 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, 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/d2l/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

*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 Village 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

Family and Graduate Housing

Deposit ...................................................................................................$150.00

Buccaneer Village Apartments
Efficiencies ..............................................................................$1,955/semester
One bedroom ...........................................................................$2,125/semester
Two bedroom ...........................................................................$2,355/semester

Buccaneer Village 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 Village 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 assignment 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;
Withdrawal of title IV aid;
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, steppchild, 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/dormitory 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 course 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 Proceduress, 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

2010-2011 Undergraduate Catalog
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 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.

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/fafirms/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.etsu.edu/persens/Loans. 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 60% 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, 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 “I”, “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%) will 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**
  - **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/ga-handbook.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 37641-1710 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.
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.
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 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 Connoisseurs
- 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

### Organizations and Activities
- 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
- 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
- Alternative Spring Break
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
Dossett-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 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, referrals 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) 439-4785—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/uac/tutoring.

- **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 BUCs 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 Minutah 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,
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 class. 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
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 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.

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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.
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 for 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 Slate 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.
ETSU and Walters State Community College. during the day and evening through an articulation agreement between for Higher Education building, 215 North College Street in downtown is 392-8000. The selection is sufficient to meet most degree offers day, evening and weekend classes, including lower and upper division available in the Public Safety Building or at window #10 on the second hours a day for assistance. The emergency telephone number is 911. The of the university on University Parkway and has personnel on duty 24 this 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, letterheads, 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) 439-4840. 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 Bargin 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.
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 (VA), 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 US/C]
- 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]
- Survivor’s & Dependent’s Educational Assistance (DEA) Program [Authority: Chapter 35, Title 38 US/C]
- 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
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 veteran’s “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-verification of enrollment can be accomplished securely online at http://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 “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 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

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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 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.
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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit Hours</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>B</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1030</td>
<td>A</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>C</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>MATH 1530</td>
<td>C</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>CSCI 1100</td>
<td>A</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

Total 16 49

49 divided by 16 = 3.06

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 dean's office, 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/pf.htm](http://www.etsu.edu/students/spectrum/pf.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 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 above, 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:


2. If a course in which the student has a ‘C+’, ‘C’, ‘C-’, ‘D+’, ‘D’, ‘D-’, or ‘I’ 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.

Withdrawal 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.

<table>
<thead>
<tr>
<th>GPA Hours Attempted</th>
<th>Semester Credit</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 29</td>
<td></td>
<td>1.4</td>
</tr>
<tr>
<td>29.1 – 45</td>
<td></td>
<td>1.7</td>
</tr>
<tr>
<td>45.1 – 59.9</td>
<td></td>
<td>1.9</td>
</tr>
<tr>
<td>60+</td>
<td></td>
<td>2.0</td>
</tr>
</tbody>
</table>

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. 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

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.*

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>Critical Reading and Expository Writing</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Oral Communication. Complete one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 1300</td>
<td>General Speech</td>
<td>3 credits</td>
</tr>
<tr>
<td>SPCH 2300</td>
<td>Public Speaking</td>
<td>3 credits</td>
</tr>
<tr>
<td>SPCH 2320</td>
<td>Argumentation and Debate</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2030</td>
<td>Literary Heritage</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2110</td>
<td>American Literature I</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>American Literature II</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2210</td>
<td>British Literature I</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2220</td>
<td>British Literature II</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2330</td>
<td>World Literature</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 2430</td>
<td>European Literature</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Fine Arts. Complete one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTA 2128*</td>
<td>Artistic Experience II</td>
<td>3 credits</td>
</tr>
<tr>
<td>ARTH 2010</td>
<td>Art History Survey I</td>
<td>3 credits</td>
</tr>
<tr>
<td>ARTH 2020</td>
<td>Art History Survey II</td>
<td>3 credits</td>
</tr>
<tr>
<td>HUMT 2310</td>
<td>Arts and Ideas I</td>
<td>3 credits</td>
</tr>
<tr>
<td>HUMT 2320</td>
<td>Arts and Ideas II</td>
<td>3 credits</td>
</tr>
<tr>
<td>MUSC 1030</td>
<td>Introduction to Music</td>
<td>3 credits</td>
</tr>
<tr>
<td>MUSC 1035</td>
<td>History of Jazz</td>
<td>3 credits</td>
</tr>
<tr>
<td>DANC 3500</td>
<td>Dance as Human Experience</td>
<td>3 credits</td>
</tr>
<tr>
<td>THEA 1030</td>
<td>Introduction to Theatre</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Humanities Electives. Complete one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3150</td>
<td>Literature, Ethics, and Values</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENGL 3280</td>
<td>Mythology</td>
<td>3 credits</td>
</tr>
<tr>
<td>ENTC 3020</td>
<td>Technology and Society</td>
<td>3 credits</td>
</tr>
<tr>
<td>HIST 1110</td>
<td>World History and Civilization to 1500</td>
<td>3 credits</td>
</tr>
<tr>
<td>HIST 1120</td>
<td>World History and Civilization Since 1500</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHIL 1030</td>
<td>Introduction to Philosophy</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHIL 2020</td>
<td>Introduction to Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHIL 2040</td>
<td>Philosophy as Conversation</td>
<td>3 credits</td>
</tr>
<tr>
<td>RELI 2210</td>
<td>Introduction to the Study of Religion</td>
<td>3 credits</td>
</tr>
<tr>
<td>PHIL 2640</td>
<td>Science and the Modern World</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
SOCIAL AND BEHAVIORAL SCIENCES

6 credits, consisting of two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1240</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 1050</td>
<td>Economics and Society or</td>
<td></td>
</tr>
<tr>
<td>ECON 2210</td>
<td>Principles of Economics I</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1012</td>
<td>Introduction to Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIDL 2310</td>
<td>Developmental Lifespan Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HIDL 2340</td>
<td>Cultural Diversity</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 1110</td>
<td>Political Life</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 1120</td>
<td>Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1310</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 1020</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 2020</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SVRL 1020</td>
<td>Introduction to Service-Learning</td>
<td>3</td>
</tr>
<tr>
<td>WMST 2010</td>
<td>Introduction to Women's Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

HISTORY

6 credits, consisting of both of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2010</td>
<td>The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1010</td>
<td>Astronomy I</td>
<td>4</td>
</tr>
<tr>
<td>ASTR 1020</td>
<td>Astronomy II</td>
<td>4</td>
</tr>
<tr>
<td>ASTR 1035</td>
<td>The Universe</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1110/11</td>
<td>Biology for Science Majors I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1120/21</td>
<td>Biology for Science Majors II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1130/31</td>
<td>Biology for Science Majors III</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1110/11</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 1110</td>
<td>Earth Science: Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 1120</td>
<td>Earth Science: Landforms and Processes</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 1100</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 1050</td>
<td>Historical Geology</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 2010/11</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 2020/21</td>
<td>Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>

Open to nonscience majors only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1010/11</td>
<td>Biology for Non-majors I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1020/21</td>
<td>Biology for Non-majors II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1310/11</td>
<td>Concepts in Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1000</td>
<td>Chemistry and Well Being</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1030</td>
<td>Introduction to Chemistry Survey</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1030</td>
<td>Introduction to Physics Survey</td>
<td>4</td>
</tr>
</tbody>
</table>

MATHEMATICS

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics-Non-Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1840</td>
<td>Analytic Geometry and Differential Calculus</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1910</td>
<td>Calculus I</td>
<td>4</td>
</tr>
</tbody>
</table>

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 Study 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBMS 1100</td>
<td>Integrative Biology and Statistics</td>
<td>6</td>
</tr>
<tr>
<td>IBMS 1110</td>
<td>Integrative Biology and Statistics</td>
<td>6</td>
</tr>
</tbody>
</table>

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 degree 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

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>DEGREE</th>
<th>ETSU MAJOR NAME</th>
<th>CONCENTRATION (CON) NAME</th>
<th>MAJOR &amp; CON DEPT</th>
<th>CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCOUNTING</td>
<td>Bachelor of Business</td>
<td>Accounting</td>
<td>Master’s</td>
<td>ACCT</td>
<td>ACCT</td>
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2010-2011 Undergraduate Catalog
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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) 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 Scholars Programs

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-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 March 15 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) 439-7507 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. Completion of an honors thesis is required.

Admission to the Midway Scholars Program requires 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) 439-7507 or 439-6076.

**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.
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 2010/21, 2020/21
- Physics (8 hrs.) PHYS 1010/10, 1020/21
- 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 2010/10, 2020/21
- Physics (8 hrs.) PHYS 1010/10, 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 1210/21, 3150/51, or 4140/41
- General Chemistry (8 hrs.)
  - CHEM 2010/11, 2020/21 or 3020.
- 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/pmmm.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.)
  - BIOL 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 may apply to some podiatry schools 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
- Communication (3 hrs.)
  - SPCH 1300, 2300, or 2320
- 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 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.

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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/](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.

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

* 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](http://www.etsu.edu/cas/language/students/placement.aspx), and in the listing for Foreign Languages in this catalog.
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 and new interdisciplinary courses and activities that reflects the diversity and richness of African and African American cultures and the importance of these cultures in the present-day world.

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.

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.

**AFAM 3999** Cooperative Education .......................... 3
**AFAM 4900** Special Studies .................................... 3
**AFAM 4950** Senior Seminar .................................... 3
**ARTA 4957** Special Topics on Survey of the Arts ...... 3

The 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 and 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

Approved Upper-Division Coursework* ............................................9

* The additional (9) upper-division upper-division coursework must be approved by an advisor. At least (5) upper credit hours must be in African studies and (3) upper 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.

**Art** ................................................................. 3 Credit Hours

**ARTA 4957** Special Topics on Survey of the Arts ...... 3

Appalachian Studies Minor (APST)

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 group 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 Appalachian 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 (when the topic is Geography of Southern Appalachia) 3

**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:**

1. No more than six hours can be counted toward a major.

2. No more than six hours can be counted toward the Appalachian Studies minor.

Other seminars, independent studies, topics courses, and problems courses, including 4950 summer offerings, may be counted toward the minor when the topic is Appalachian (must have approval of the director of the APST advisor).
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 metalsmithing.

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

**Semester I** ................................................................. 6 Credit Hours
ARTA 1110 2-D Design .................................................. 3
ARTA 1201 Drawing .......................................................... 3
ARTH 2010 Art History Survey I ........................................... 3

**Semester II** ................................................................. 6 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication*</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3-4</td>
</tr>
<tr>
<td>Natural Science*</td>
<td>8</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Literature*</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2010 Art History I</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2020 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences*</td>
<td>6</td>
</tr>
</tbody>
</table>

*Satisfies TBR General Education Core Requirement.

Art Major Requirements ................................... 15 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 1201 Drawing Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 1110 2-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 1204 Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 1140 3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2010 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2020 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>BFA Requirements</td>
<td>64 Credit Hours</td>
</tr>
</tbody>
</table>

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

Studio courses:
Six courses at the 2000-level ........................................... 18
Six courses at the 3000-level .......................................... 15
Six courses at the 4000-level .......................................... 18
One ARTH studio elective .............................................. 3

Art History:
Three 4000-level courses, including either
ARTH 4067 or ARTH 4077 ................................................... 9

Works in Progress Review, ARTH 2916
(to be taken after completing 36 and before completing 45 ARTH credits) .... 0
Portfolio & Exhibit, ARTH 4916 ........................................... 3

Total Credit Hours Required for Degree .......... 120 Credit Hours

Suggested Course Sequence

**Freshman Year**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 1201 Drawing Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 1110 2-D Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 2010 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Semester Total</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second</td>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 1204 Color Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 1140 3-D Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ARTH 2020 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Semester Total</td>
<td>15</td>
</tr>
</tbody>
</table>
Each area of specialization has a list of required classes to be taken. The students must take 4916, “Portfolios 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 a 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 College of Arts and Sciences B.A. degree requirements.) French or German is recommended for art history students.

<table>
<thead>
<tr>
<th>Bachelor of Arts Degree (B.A.)</th>
<th>Art Major (ARTA)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Art History Concentration (HIST)</strong></td>
<td></td>
</tr>
</tbody>
</table>

**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**

- **Credit Hours:** 41-42
- **ENGL 1010 Critical Reading & Expository Writing**
- **ENGL 1020 Critical Thinking & Argumentation**
- **Communication: Oral Communication**
- **Mathematics**
- **Natural Sciences**
- **HIST 2010 The United States to 1877**
- **HIST 2020 The United States Since 1877**
- **Literature**
- **ARTH 2010 Art History I**
- **ARTH 2020 Art History II**
- **Humanities**
- **Social/Behavioral Sciences**

**Bachelor of Arts Degree Requirements**

- **Credit Hours:** 6
- **Foreign Language**
- **Mathematics**
- **Humanities/Fine Arts Elective**

**Art History Major Requirements**

- **Credit Hours:** 9
- **ARTH 1110 2-D Design**
- **ARTH 1140 3-D Design**
- **ARTH 2010 Art History I**
- **ARTH 2020 Art History II**

**Art History Concentration Requirements**

- **Credit Hours:** 27
- **One studio course at 3000 or above**
- **ARTH 2401 recommended to fulfill UIT**
- **Eight 4000-level Art History courses**

**Minor Requirements**

- **Credit Hours:** 18-24
- **Electives**

**Suggested Course Sequence**

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>ARTA 1110</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2010 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>Semester Total</td>
<td>15-16</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1020</td>
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<tr>
<td>Humanities/Fine Arts Elective</td>
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<tr>
<td>Minor or Elective</td>
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<tr>
<td>ARTA 1140</td>
<td>3</td>
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<tr>
<td>ARTH 2020 Art History Survey II</td>
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<tr>
<td>Semester Total</td>
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</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Language Requirement 2300 or above</td>
<td>3</td>
</tr>
<tr>
<td>2000-Level or above Studio Course</td>
<td>3</td>
</tr>
<tr>
<td>4000-Level Art History Courses</td>
<td>3</td>
</tr>
<tr>
<td>Minor or Elective</td>
<td>3</td>
</tr>
<tr>
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<td>Art Major (ARTA)</td>
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<td>Suggested Course Sequence</td>
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<tr>
<td>Freshman Year</td>
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<td>Second Semester</td>
<td>15-16</td>
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<td>Sophomore Year</td>
<td>16</td>
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<tr>
<td>Junior Year</td>
<td>16</td>
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</tbody>
</table>

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

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
Humans* .................................................................................. 3
Social/Behavioral Sciences* .......................................................... 6

*See the General Education Core Requirements for details.

Bachelor of Arts Degree Requirements* .......... 6 Credit Hours

Foreign Language ............................................................................. 3
Non-United States History ............................................................... 3

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 ............................................................... 3
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
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</tr>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>ARTA 1201 Drawing Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>ARTA 1110 2-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2010 Art History Survey II</td>
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<tr>
<td>Semester Total</td>
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Second Semester

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 1020 Critical Thinking and Argumentation</td>
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<tr>
<td>HIST 2020 The United States Since 1877</td>
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</tr>
<tr>
<td>ARTA 1204 Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>ARTA 1140 3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 2020 Art History Survey II</td>
<td>3</td>
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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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Communication: Oral Communication</td>
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</tr>
<tr>
<td>Humanities/Literature</td>
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<tr>
<td>2000-Level Art History Courses</td>
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Second Semester

<table>
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<tr>
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<tr>
<td>Natural Science</td>
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<tr>
<td>2000-Level Art History Courses</td>
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<tr>
<td>Social/Behavioral Sciences</td>
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Junior Year

First Semester

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>3000- and 4000-Level Studio Art Courses</td>
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<tr>
<td>Language Requirement in Same Language 2XXX or above</td>
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<tr>
<td>Mathematics*</td>
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<td>Semester Total</td>
<td>15-16</td>
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Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Social/Behavioral Sciences</td>
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</tr>
<tr>
<td>ARTH 4067 Twentieth Century Art</td>
<td>3</td>
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<tr>
<td>or ARTH 4077 Contemporary Art</td>
<td>3</td>
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<tr>
<td>3000- and 4000-Level Studio Art Courses</td>
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<tr>
<td>Non-United States History</td>
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<td>Semester Total</td>
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Senior Year

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<th>Course</th>
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</table>

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
Humans* ........................................................... 3
Social/Behavioral Sciences* ................................................. 6

*See the General Education Core Requirements for details.

Bachelor of Arts Degree Requirements* .......... 6 Credit Hours

Foreign Language .......................................................... 3
Non-United States History ................................................. 3

Mathematics* ..................................................... 3-4

*The Mathematics requirement is fulfilled with the General Education Mathematics.

Non-United States History ................................................. 3

Senior Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>3000- and 4000-Level Studio Art Courses</td>
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<tr>
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<td>Mathematics*</td>
<td>3-4</td>
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Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Social/Behavioral Sciences</td>
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<tr>
<td>ARTH 4067 Twentieth Century Art</td>
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East Tennessee State University
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
ENGL 1010 Critical Reading and Expository Writing ... 3
HIST 2020 The United States to 1877 .................. 3
ARTA 1201 Drawing Fundamentals .................. 3
ARTA 1204 Color Theory .................................... 3
ARTA 1110 2-D Design ..................................... 3
ARTH 2010 Art History Survey I ....................... 3
Semester Total ...................................................15

Second Semester
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
Communication: Oral Communication ............. 3
Social/Behavioral Sciences ............................... 3
2000-Level Studio Art Courses ....................... 6
Non-art Minor course ....................................... 3
Semester Total ...................................................15

Second Semester
Natural Science ................................................. 4
2000-Level Studio Art Course ......................... 3
Social/Behavioral Sciences ............................... 3
Non-art Minor course ....................................... 3
Arts Elective ..................................................... 3
Semester Total ...................................................16

Junior Year

First Semester
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
ARTH 4067 Twentieth Art ................................ 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
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
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 2-D Design .................................... 3
- ARTA 1140 3-D 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
- ARTH 2051 Foundations in Painting ............... 3
- ARTH 2071 Basic Weaving ................................ 3
- ARTH 2081 Beginning Jewelry Design & Metalsmithing ... 3
- ARTH 2091 Introduction to Ceramics ............... 3
- ARTH 2120 Basic Figure Drawing .................... 3
- ARTH 2200 Basic Photo ..................................... 3
- ARTH 2210 Introduction to Print ..................... 3
- ARTH 2401 Commercial Art/Graphic Design I .... 3
- ARTH 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 courses 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. ................. Lev Yampolsky

Biology Honors Program ................ J. Leonard Robertson

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

B.S. Requirements ............................................. 6 credit hours

MATH 1910 Calculus I .......... 4
PHIL 2640 Science and the Modern World .......... 4
SPCH 2320 Argumentation and Debate .......... 4

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

Advanced Biology Requirements

One course from each of the four menus listed below:

Molecular Menu:

- 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 .......... 4
- BIOL 4647 Molecular Biology .......... 6
- BIOL 4747 *Population Genetics .......... 4

Organismal Menu:

- BIOL 3220 Comparative Anatomy .......... 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

Population Menu:

- BIOL 3460 *Invertebrate Zoology .......... 4
- BIOL 3460 *Vertebrate Embryology .......... 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

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 2020/11 Organic Chemistry II Lecture/Lab .......... 5

Two courses in Physics required:

- PHYS 2010/11 General Physics I – Noncalculus .......... 8
- 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.
East Tennessee State University

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

Additional Requirements ....................................... 4 credit hours
TBR General Education Requirements .............. 42 Credit Hours
ENGL 1010 Critical Reading and Expository Writing .......... 3
ENGL 2000 Critical Thinking and Argumentation .............. 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
PHIL 2640 Science and the Modern World ...................... 3
MA TH 1910 Calculus I .................................................... 4
SPCH 2320 Argumentation and Debate ............................ 3
PHIL 2640 Science and the Modern World ...................... 3

Other courses for General Education Core Requirements for selection.

Bachelor of Science Degree (B.S.)
Biological 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.

B.S. Requirements ..................................................... 6 credit hours
MATH 1910 Calculus I .................................................... 4
PHIL 2640 Science and the Modern World ...................... 3

Social/Behavioral Sciences* ......................................... 6

Additional Requirements ........................................ 4 credit hours
MATH 1920 Calculus II .................................................... 4

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 ........................................

Two courses in Physics required:
PHYS 2010/11 General Physics I-Noncalculus and ........................ 8
PHYS 2020/21 General Physics II-Noncalculus or ....................

Technical Physics-Calculus Based ..............................

*Satisfy TBR General Education Core Requirement.

Core Requirements

(first 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

Suggested Course Sequence
Freshman Year

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Sophomore Year

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Junior Year

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Senior Year

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* The number of General Electives depends on Math and Physics course selected.
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 ........................................... 4
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):

Organismal Menu:
BIOL 3220 Comparative Anatomy ...................................... 4
BIOL 3230 Vertebrate Embryology ........................................ 4
BIOL 3260 Animal Physiology ............................................ 4
BIOL 3860 * 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 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
BIOL 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

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<th>First Semester</th>
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Sophomore Year

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Junior Year

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<td>BIOL 4167/77</td>
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Senior Year

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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 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 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 each 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

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<td>ENGL 1020</td>
<td>Critical Thinking &amp; Argumentation</td>
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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
(See Catalog of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department placement policy at http://www.etsu.edu/departments/foreignlanguage/ for placement in the appropriate language.

Non-United States History ................................................. 3

Students must take 4 credit hours from the following:
BLUE 4230 Songwriting .................................................... 3
BLUE 4610 Individual Instruction Voice I ................. 1

Additional Optional Electives* ............................................. 3-10
A minor is required .......................................................... 18-24
* 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

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 I ................................................. 1
BLUE 3540 Celtic Band I ....................................................... 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 ....................... 9 Credit Hours
BLUE 2720 Bluegrass and Country Music Theory II ............ 2

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

Vocal Performance Track ........................................... 9 Credit Hours
BLUE 2220 Bluegrass Harmony Singing ............................ 2

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 3810 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 4140 Guitar/Acoustic I .............................................. 1
BLUE 4140 Guitar/Acoustic II ............................................. 1
BLUE 4140 Guitar/Acoustic III ............................................. 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 ................................. 6 Credit Hours
BLUE 2150 American Folk Music ......................................... 3
BLUE 3110 Introduction to Bluegrass Music ....................... 3
BLUE 4120 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 .......................................................... 3 Credit Hours
BLUE 4210* Music Theory for Acoustic Players ................. 3
BLUE 4220* Bluegrass Harmony Part Singing ..................... 3
MUSC 1410 Theory I ......................................................... 2
MUSC 111* Aural Skills I ...................................................... 1

Practical Skills II ......................................................... 3 Credit Hours
BLUE 2240 Seminar I ......................................................... 1
BLUE 3240 Seminar II ......................................................... 1
BLUE 4230* Songwriting .................................................... 1
BLUE 4240 Seminar III ......................................................... 1

* The Mathematics requirement is fulfilled with the General Education Mathematics. See ETSU Academic Proficiency Requirements for details.
## Instrumental Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE 2310 Guitar I</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 3320 Guitar II</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 2400, 3400, 4400 Bluegrass Instrument Series</td>
<td>1</td>
</tr>
</tbody>
</table>

## Performing Groups

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE 2500, 3500, 4500 Band Class Series</td>
<td>1</td>
</tr>
</tbody>
</table>

## Prerequisites and Corequisites

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 review; students should see a bluegrass advisor before registering for classes.

### Suggested Course Sequence

#### First Semester — Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE 1710 Introduction to Bluegrass and Country Music Theory</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 2240 Seminar I (may be taken first or second semester)</td>
<td>0-1</td>
</tr>
<tr>
<td>BLUE 2xx Individual Instruction I</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 2xx Band Class I</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>3</td>
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<tr>
<td>SPCH 2300 Public Speaking</td>
<td>3</td>
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#### Second Semester — Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BLUE 2240 Seminar I (may be taken first or second semester)</td>
<td>0-1</td>
</tr>
<tr>
<td>BLUE 2xx Individual Instruction I</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 2xx Band Class I</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 2710 Bluegrass and Country Music Theory I</td>
<td>2</td>
</tr>
<tr>
<td>ENGL 1020 Critical Thinking and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>Non-U.S. History</td>
<td>3</td>
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<tr>
<td>Humanities and Fine Arts*</td>
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</table>

#### Third Semester — Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE 2240 Bluegrass Harmony Singing or</td>
<td>3</td>
</tr>
<tr>
<td>BLUE 2720 Bluegrass and Country Music Theory II</td>
<td>2</td>
</tr>
<tr>
<td>BLUE 3110 Bluegrass History I</td>
<td>3</td>
</tr>
<tr>
<td>BLUE 3240 Seminar II (taken either third or fourth semester)</td>
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<tr>
<td>BLUE 3ox Individual Instruction II</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 3xx Band Class II</td>
<td>1</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>3-4</td>
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<tr>
<td>Foreign Language course, 2020 or above</td>
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#### Fourth Semester — Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BLUE 1910 Introduction to Sound Equipment and the Recording Studio</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 3240 Seminar II (taken either third or fourth semester)</td>
<td>0-1</td>
</tr>
<tr>
<td>BLUE 3ox Individual Instruction II</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 3xx Band Class II</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 3710 Chart Writing and Application</td>
<td>2</td>
</tr>
<tr>
<td>HIST 2030 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts*</td>
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</table>

#### Fifth Semester — Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BLUE 2910 Sound Reinforcement (see catalog)</td>
<td>0-2</td>
</tr>
<tr>
<td>BLUE 3140 Bluegrass History II</td>
<td>2</td>
</tr>
<tr>
<td>BLUE 4240 Seminar III (taken either fifth or sixth semester)</td>
<td>0-1</td>
</tr>
<tr>
<td>BLUE 4xx Individual Instruction III</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 4xx Band Class III</td>
<td>1</td>
</tr>
<tr>
<td>Natural Sciences*</td>
<td>4</td>
</tr>
<tr>
<td>Social and Behavioral Sciences*</td>
<td>3</td>
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</tbody>
</table>

#### Sixth Semester — Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUE 3810 Recording Engineering for Musicians (see catalog)</td>
<td>0-2</td>
</tr>
<tr>
<td>BLUE 4240 Seminar III (taken either fifth or sixth semester)</td>
<td>0-1</td>
</tr>
<tr>
<td>BLUE 4xx Individual Instruction III</td>
<td>1</td>
</tr>
<tr>
<td>BLUE 4xx Band Class III</td>
<td>1</td>
</tr>
<tr>
<td>Natural Sciences*</td>
<td>4</td>
</tr>
<tr>
<td>Social and Behavioral Sciences*</td>
<td>3</td>
</tr>
</tbody>
</table>

### Department of Chemistry (CHEM)

**Box 70695**

**Phone:** (423) 439-4367

**Web Address:** www.etsu.edu/chemistry

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:** Students may be subject to reduced number of intensives. See ETSU Academic Proficiency Requirements for details.

**TBR General Education Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
<td>3</td>
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<tr>
<td>SPCH 2320 Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1910 Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1100/11 General Chemistry I Lecture/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1120/21 General Chemistry II Lecture/Lab</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Literature*</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>3</td>
</tr>
<tr>
<td>PHL 2640 Science and the Modern World</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences*</td>
<td>6</td>
</tr>
</tbody>
</table>

* 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 ................................................. 4
PHIL 2640 Science and the Modern World ......................... 3
SPCH 2320 Argumentation and Debate ......................... 3

Chemistry Concentration Requirements ............ 25 Credit Hours
CHEM 1101/11 General Chemistry I Lecture/Lab .................. 4
CHEM 1120/21 General Chemistry II Lecture/Lab ................. 4
CHEM 2010/21 Quantitative Analysis ....................... 3
CHEM 2011/21 Organic Chemistry I Lecture/Lab .................. 5
CHEM 2020/21 Organic Chemistry II Lecture/Lab .................. 5
CHEM 3710 Principles of Physical Chemistry Lecture or Lab .... 3
CHEM 3750 Physical Chemistry .................................. 3
CHEM 3611 Introduction to Integrated Lab ....................... 2

Additional Required Courses ................................. 8 Credit Hours
General Chemistry I Non-Calculus I ....................... 4
and
PHYS 2010/11 General Physics Non-Calculus I ....................... 4

Minor Requirements ................................. 18-27 Credit Hours
Electives ................................................................. 12 Credit Hours

Suggested Course Sequence

First Semester
CHEM 1101/11 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
CHEM 1120/21 General Chemistry II Lecture/Lab .................. 4
ENGL 1020 Critical Thinking and Argumentation ................. 3
HIST 2020 The United States Since 1877 ......................... 3
SPCH 2320 Argumentation and Debate ......................... 3
Electives ................................................................. 3
Semester Total .......................................................... 16

Sophomore Year

First Semester
CHEM 2010/21 Organic Chemistry I Lecture/Lab .................. 5
PHYS 2010/11 General Physics Non-Calculus I Lecture/Lab ....... 4
Literature ................................................................. 3
Minor Requirement ..................................................... 3
Semester Total .......................................................... 15

Second Semester
CHEM 2020/21 Quantitative Analysis Lecture/Lab .................. 5
PHYS 2020/21 General Physics Non-Calculus II Lecture/Lab ....... 4
PHIL 2640 Science and the Modern World ......................... 3
Semester Total .......................................................... 16

Junior Year

First Semester
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
Upper Division Courses in Chemistry ....................... 6
Social/Behavioral Sciences Elective ......................... 3
Minor Requirement ..................................................... 3
Electives ................................................................. 3
Semester Total .......................................................... 15

Senior Year

First Semester
Minor Requirement ..................................................... 3
Social/Behavioral Sciences ........................................... 3
Minor Requirement ..................................................... 3
Electives ................................................................. 6
Semester Total .......................................................... 15

Second Semester
Minor Requirement ..................................................... 3
Electives ................................................................. 8
Semester Total .......................................................... 11
Total ................................................................. 120

ETSU Academic Proficiency Requirements

ETSU Academic Proficiency Requirements

Bachelor of Science Degree (B.S.)
Chemistry Major (CHEM)
Chemical Physics Concentration

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 CSCL 1100, “Using Information Technology,” during their first semester 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 & Expos. Writing .................. 3
ENGL 1020 Critical Thinking & Argumentation ................. 3
SPCH 2320 Argumentation and Debate ......................... 3
MATH 1910 Calculus I ................................................. 4
CHEM 1101/11 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 ................................................. 4
PHIL 2640 Science and the Modern World ......................... 3

Chemical Physics Requirements (ACS) ............ 47 Credit Hours
CHEM 1101/11 General Chemistry I Lecture/Lab .................. 4
CHEM 1120/21 General Chemistry II Lecture/Lab .................. 4
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 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 Instrumental Analysis .................... 2
CHEM 4621 Advanced Instrumental Analysis - Structure .......... 2
CHEM 4631 Adv. Integrated Lab-Analytical Techniques .......... 2
CHEM 4147/57 Biochemistry of Macromolecules Lab .................. 5
CHEM 4167/77 Biochemistry of Metabolism 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.
### 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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<td>ENGL 1020</td>
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<td>SPCH 2320</td>
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<td>MATH 1910</td>
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<td>CHEM 1110/11</td>
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<td>CHEM 1120/21</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>3</td>
</tr>
<tr>
<td>Literature*</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>3</td>
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<td>PHIL 2640</td>
<td>3</td>
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<tr>
<td>Social/Behavioral Sciences*</td>
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*See the General Education Core Requirements for options.

### B.S. Requirements

<table>
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<td>MATH 1910</td>
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<td>MATH 1920</td>
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<td>PHYS 2110</td>
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<tr>
<td>CHEM 1110/11</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1120/21</td>
<td>3</td>
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<tr>
<td>CHEM 2220/21</td>
<td>3</td>
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<tr>
<td>CHEM 3110</td>
<td>3</td>
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<td>CHEM 2010/11</td>
<td>3</td>
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<td>CHEM 2020/21</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 3750</td>
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### Chemistry Professional Requirements

<table>
<thead>
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<tbody>
<tr>
<td>CHEM 3760</td>
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<tr>
<td>CHEM 3611</td>
<td>2</td>
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<td>CHEM 4010</td>
<td>2</td>
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<tr>
<td>CHEM 4110</td>
<td>3</td>
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<tr>
<td>CHEM 4200</td>
<td>3</td>
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### Two Labs, taken in any order, from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CHEM 4611</td>
<td>2</td>
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<tr>
<td>CHEM 4621</td>
<td>2</td>
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<td>CHEM 4631</td>
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### Also required:

<table>
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<th>Course</th>
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<tr>
<td>CHEM 3611</td>
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<td>PHYS 2101/21</td>
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<tr>
<td>PHYS 2120</td>
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<td>Electives</td>
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Total Credit Hours Required: 14-15

### Electives (Student Choice)

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PHYS 4617</td>
<td>4</td>
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### Suggested Course Sequence

#### Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CHEM 110/11</td>
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</tr>
<tr>
<td>Fall</td>
<td>MATH 1910</td>
<td>4</td>
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<tr>
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<td>SPCH 2320</td>
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<tr>
<td>Spring</td>
<td>CHEM 1110/11</td>
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<td>MATH 1920</td>
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<td>Spring</td>
<td>ENGL 1020</td>
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#### Sophomore Year

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<tr>
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#### Junior Year

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#### Senior Year

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<td>CHEM 4621</td>
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<tr>
<td>Spring</td>
<td>CHEM 3611</td>
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### Additional Information

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.
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 .......................... *
CHEM 1120/21 General Chemistry II Lecture/Lab .......................... *
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

*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

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

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<td>ENGL 1010</td>
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<td>Argumentation and Debate</td>
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<td>First Semester</td>
<td>HIST 2010</td>
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<td>General Chemistry II Lecture/Lab</td>
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Sophomore Year

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<td>Second Semester</td>
<td>ENGL 1020</td>
<td>Critical Thinking &amp; Argumentation</td>
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<tr>
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Junior Year

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<td>First Semester</td>
<td>CHEM 2200/21</td>
<td>Quantitative Analysis</td>
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Senior Year

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<td>Advanced Integrated Lab-Structure</td>
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<td>First Semester</td>
<td>SPCH 2320</td>
<td>Argumentation and Debate</td>
<td>3</td>
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<td>Second Semester</td>
<td>BIOL 4147/57</td>
<td>Biochemistry of Macromolecules Lecture/Lab</td>
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</tr>
<tr>
<td>Second Semester</td>
<td>BIOL 4167/77</td>
<td>Biochemistry of Metabolism Lecture/Lab</td>
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</table>

Total | Semester Total | 120 Credit Hours |

East Tennessee State University

2010-2011 Undergraduate Catalog

69
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 Biology (Quillen College of Medicine). Students 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 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

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<td>Critical Thinking &amp; Argumentation</td>
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<td>Argumentation and Debate</td>
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<td>MATH 1910</td>
<td>Calculus I</td>
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<tr>
<td>CHEM 1110/11</td>
<td>General Chemistry I Lecture/Lab</td>
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<td>CHEM 1120/21</td>
<td>General Chemistry II Lecture/Lab</td>
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<td>HIST 2010</td>
<td>The United States to 1877</td>
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<td>HIST 2020</td>
<td>The United States Since 1877</td>
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<td>Literature*</td>
<td>Fine Arts*</td>
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<td>PHIL 2640</td>
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*B.S. Requirements .............................................. 6 credit hours

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<td>Science and the Modern World</td>
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<td>SPOH 2320</td>
<td>Argumentation and Debate</td>
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Biochemistry Requirements ................................ 74-78 Credit Hours

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<td>Biology for Science Majors I/Lab</td>
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<td>Biology for Science Majors II/Lab</td>
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<td>Biology for Science Majors III/Lab</td>
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<td>BIOL 3100</td>
<td>General Genetics</td>
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<td>BIOL 3141</td>
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<td>BIOL 4597</td>
<td>Recombinant DNA</td>
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<td>BIOL 4147/57</td>
<td>Biochemistry of Macromolecules and Lab</td>
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<td>General Chemistry II/Lab</td>
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<td>Organic Chemistry I/Lab</td>
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<td>CHEM 3110</td>
<td>Descriptive Inorganic Chemistry</td>
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<td>CHEM 3611</td>
<td>Introduction to Integrated Lab</td>
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<td>CHEM 3750</td>
<td>Physical Chemistry I</td>
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<td>Advanced Integrated Lab-Dynamics</td>
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<td>Advanced Integrated Lab-Structure</td>
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CHEM 4631   Adv. Integrated Lab-Analytical Techniques ** .... 2
MATH 1910   Calculus I .......................................... * 4
MATH 1920   Calculus II ......................................... 4
PHYS 2010/11 General Physics Non-Calculus I and | 4
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.

The chemistry major with a biochemistry concentration must select one (1) non-duplicated course from the following:

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<td>BIOL 4597</td>
<td>Recombinant DNA Lab</td>
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<td>HSCI 3320/21</td>
<td>General Microbiology</td>
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<td>HSCI 3540</td>
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<td>Biophysics</td>
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Electives .................................................................................. 0-4 Credit Hours

Total Hours Required for Degree ................ 120 Credit Hours

Suggested Course Sequence

Freshman Year

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<td>CHEM 1110/11</td>
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<td>Calculus I</td>
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<td>ENGL 1010</td>
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<td>BIOL 1120/21</td>
<td>Biology for Science Major II</td>
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<td>CHEM 1120/21</td>
<td>General Chemistry II/Lab</td>
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<td>Critical Thinking and Argumentation</td>
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<td>Sophomore Year</td>
<td>BIOL 2000</td>
<td>General Organic I</td>
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<td>PHYS 2020/21</td>
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<td>Junior Year</td>
<td>BIOL 3780</td>
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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:

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<td>Molecular Immunology</td>
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<td>BIIOC 5600</td>
<td>Genetics and Molecular Biology</td>
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<tr>
<td>BIIOC 5700</td>
<td>Macromolecular Interactions</td>
<td>3</td>
</tr>
</tbody>
</table>

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A research experience is strongly advised for students with good academic records, especially those planning advanced study. The student should consult with an advisor concerning research opportunities. The following courses are recommended:

- **Biol 3992 Research Orientation** ........................................... 2
- **BIOC 4900 Spec. Problems in Biochemistry** ......................... 1-5
- **Biol 4900 Independent Study** .................................................. 1-4
- **Chem 4900 Research in Chemistry** ........................................ 1-3

**Minor**—The Chemistry Minor consists of a minimum of 26 credit hours of study: “General Chemistry” (1110-11 and 1120-21) for a total of eight hours; plus an 18-hour selection of basic courses (other than 1000 and 1030) offered by the Department of Chemistry.

**Teacher Education**—Students interested in pursuing a teacher education program for certification as a teacher are asked to see the area advisor in the Department of Chemistry AND the professional advisor in the Office of Student Services, 321 War-Pickel, College of Education. Please refer to the section on “Admission to Teacher Education” for basic admission requirements in the College of Education section of this catalog.

**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 War-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 for Secondary and K-12 Students**—The professional education requirements for secondary and K-12 students are met by completing the minor in education (refer to the Education Minor section in this catalog for a list of required courses) and the professional semester (CUAI 4580), “Student Teaching”). Students are required to submit a professional portfolio for admission to teacher education.

**Cooperative Education**—The Department of Chemistry actively participates in the university’s cooperative education program. Positions are normally available for chemistry majors each semester at a number of industrial and government locations.

**Graduate Study**—The Department of Chemistry offers a major and minor in graduate study. Further information on graduate programs is contained in the Graduate Catalog.

**China Studies Minor**

- **Box 70561**
- **Phone: (423) 439-6632**
- **Web Address: http://www.etsu.edu/cas/language/programs/chinese/minor.aspx**

Weixing Chen, Ph.D.
email: chen@etsu.edu

The purpose of the minor in China Studies is to provide students with a multidisciplinary approach to acquiring knowledge of China. The objectives to achieve this goal are to provide students a multidisciplinary understanding of Chinese culture, art, politics, history, economics, and language; engage students in critical thinking about Chinese choices of economic development, political strategies, and social aspirations; to enhance understanding of the diversity of life-ethnically, politically, historically, socially, and economically in China and expose students to China’s vision of itself and the pursuit of its place internationally through the impact of its history on the contemporary world and through needs of international cooperation in the global economy.

At the conclusion of the minor, the student will be expected to analyze in a multidisciplinary fashion Chinese culture, politics, history, economics, and language; to judge critically Chinese options in economic development, political strategies, and social goals; navigate through the diversity of the Chinese experience to interpret its ethnic, political, historical, social, and economic problems; and to evaluate China’s changing visions of itself historically, its place in the global economy, and its role in the contemporary world order.
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 on the Foreign Language Department 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 4690 Radio/TV Reporting and Editing ........... 3
RTVF 4690 Broadcast Management .................... 3
MCOM Electives approved by advisor ................ 9

OR

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 Bavin
Public Relations John King and Lise Cutshaw
Speech Wesley Bueltke
Theatre Pat Cronin
Undecided Dan Brown
Women's Studies Karen Calka

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* ................................................. 6
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.
Broadcast Production/Performance Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 1030</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 2600</td>
<td>Survey of Broadcasting</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 2604/4604</td>
<td>Radio/TV Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 2630</td>
<td>Writing for Radio/TV</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 3602</td>
<td>Video/Film Techniques</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 3640</td>
<td>Broadcast Performance</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 3651</td>
<td>Radio Production</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 3661</td>
<td>Television Production</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4037</td>
<td>Communications Law</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 4690</td>
<td>Broadcast Management</td>
<td>3</td>
</tr>
<tr>
<td>MCOM</td>
<td>Elective approved by advisor</td>
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</table>

**Journalism Concentration** ............................................. 36 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 1030</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2050</td>
<td>History and Issues of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2120</td>
<td>Writing for Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2130</td>
<td>Writing for Print Media II</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3130</td>
<td>In-Depth Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3150</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3160</td>
<td>Newspaper Design</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3301</td>
<td>Photojournalism</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4037</td>
<td>Communications Law</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 4107</td>
<td>Reporting Public Affairs</td>
<td>3</td>
</tr>
</tbody>
</table>

**One of the following craft courses** .................................. 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOUR 3120</td>
<td>Opinion Writing</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3350</td>
<td>Advanced Photojournalism</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 4080</td>
<td>Journalism Internship</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 4957</td>
<td>Topics in Journalism</td>
<td>3</td>
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</tbody>
</table>

**One of the following conceptual courses** .................................. 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 3070</td>
<td>Mass Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4040</td>
<td>Seminar in Mass Communications</td>
<td>3</td>
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</tbody>
</table>

**Minor — Journalism Concentration** ........................................... 24 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOUR 2050</td>
<td>History and Issues of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2120</td>
<td>Writing for Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2130</td>
<td>Writing for Print Media II</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3150</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3160</td>
<td>Newspaper Design</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4037</td>
<td>Communications Law</td>
<td>3</td>
</tr>
</tbody>
</table>

**Two of the following** ............................................. 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOUR 3120</td>
<td>Opinion Writing</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3130</td>
<td>In-Depth Reporting</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3301</td>
<td>Photojournalism</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 4107</td>
<td>Reporting Public Affairs</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 4957</td>
<td>Topics in Journalism</td>
<td>3</td>
</tr>
</tbody>
</table>

**Public Relations Concentration** ............................................. 42 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 1030</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>PUBR 2700</td>
<td>Introduction to Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 2120</td>
<td>Writing for Print Media I</td>
<td>3</td>
</tr>
<tr>
<td>PUBR 2770</td>
<td>Writing for Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 2630</td>
<td>Writing for Radio/TV</td>
<td>3</td>
</tr>
<tr>
<td>JOUR 3150</td>
<td>Copy Editing</td>
<td>3</td>
</tr>
<tr>
<td>ADVR 3240</td>
<td>Advertising Principles</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 3602</td>
<td>Video/Film Techniques</td>
<td>3</td>
</tr>
<tr>
<td>PUBR 3770</td>
<td>Public Relations Publications</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4037</td>
<td>Communications Law</td>
<td>3</td>
</tr>
<tr>
<td>PUBR 4730</td>
<td>Public Relations Practices</td>
<td>3</td>
</tr>
<tr>
<td>PUBR 4080</td>
<td>Public Relations Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Additional courses required:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SPCH 3390</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 2830</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 4357</td>
<td>Communication in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 4346</td>
<td>Business &amp; Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

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 electives. 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

**Social/Behavioral Sciences* ** .......... 6

Note: Communication-intensive courses. At least one of these courses must be in the major field of study.

**Speech Major Requirements** .......... 36-38 Credit Hours

**Allied Requirements** .......... 6 credit hours

**Social Sciences** (PSYC 3100, CJCR 3000, or SOAA 3350) .......... 3

**Research Design for Social Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 3300, ANTH 4627, CJCR 2000, GEOG 2310, GEOG 4807, PSYC 3100/01, or SOCI 3210</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**B.S. Requirements** .......... 6 credit hours

Select Math 1530 or MATH 1910 **

8 credit hours of single laboratory science .......... 3

**PHIL 2640** Science and the Modern World .......... 3

**Reasoning and Argumentation** (PHIL 2030 or SPCH 2320) .......... 3

Note: Select TBR General Education Core Requirements (subject to departmental restrictions)

**Minor Requirements** .......... 18-26 Credit Hours

**Electives** .......... 1-13 credit hours

**Total Hours Required for Degree** .......... 120 credit hours

**B.A. Requirements** .......... 6 credit hours

Select MATH 1530, 1840, or 1910 **

**Foreign Language** .......... 3

Note: Select College of Arts and Sciences B.A., and B.S. Degree Requirements; consult the Foreign Language Department’s placement policy at [http://www.easttexas.edu/academic/foreign_language.html](http://www.easttexas.edu/academic/foreign_language.html)

**Total Hours Required for Degree** .......... 120 Credit Hours

**Course Requirements for Speech Majors**

**Speech** .......... 36 Credit Hours

Take the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 2330</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

**One of the following research courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 3300</td>
<td>Analysis and Criticism: Qualitative</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 3380</td>
<td>Communication Research: Quantitative</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 3340</td>
<td>Rhetorical Criticism</td>
<td>3</td>
</tr>
</tbody>
</table>

**One of the following presentation courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 3346</td>
<td>Speaking for Social Change</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 3380</td>
<td>Dynamics of Group Leadership</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 4346</td>
<td>Business and Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**One of the following diversity courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 4290</td>
<td>Gender and Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 4356</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SPCH 2330</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 3346</td>
<td>Speaking for Social Change*</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 4346</td>
<td>Business and Professional Communication</td>
<td>3</td>
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</table>

Diversity Elective (choose one) ........................................... 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 3346</td>
<td>Business and Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

SPCH 4366 Intercultural Communication | 3 |

Speech Electives** .............................................................. 12

** SPCH 1300 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

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year</td>
<td>ENGL 1090</td>
<td>Critical Reading/Expository Writing</td>
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<td></td>
<td>MATH 1500</td>
<td>Probability &amp; Statistics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Major Course</td>
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<tr>
<td></td>
<td>Communication: Oral Communication</td>
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</tr>
<tr>
<td>Second Semester</td>
<td>ENGL 1090</td>
<td>Critical Thinking/Argumentation</td>
<td>3</td>
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<tr>
<td></td>
<td>Science</td>
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<td>4</td>
</tr>
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Bachelor of Arts Degree

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Suggested Curriculum Guide
Bachelor of Science Degree

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Bachelor of Arts Degree

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Semester Total .............................................................. 15

First Semester Credit Hours
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Second Semester Credit Hours
Elective ........................................................................... 3
Minor, Minor Electives ...................................................... 1
Semester Total .............................................................. 14

Senior Year
First Semester Credit Hours
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Elective ........................................................................... 3
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Major Course .................................................................. 3
Semester Total .............................................................. 15

Second Semester Credit Hours
Major, Minor, Electives ...................................................... 1
Semester Total .............................................................. 14
Total .......................................................... 120

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
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 ........................................ 3
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 https://www.easttexas.edu/programs/degree-program/)
1 course of Non-US History .................................................. 3
Minor .................................................................................. 18-24
Electives ................................................................................ 9-22
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 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.
MUSC 1040 Class Voice ....................................................... 3
DANC 2125 Jazz Dance ....................................................... 1
DANC 2150 Tap Dance ....................................................... 1
PHEED 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 ................................................ 3
THEA 3525 Theatre History II ............................................... 3
THEA 3535 Musical Theatre History ..................................... 3

Six credit hours chosen from: ........................................... 6
THEA 1800 Theatre Laboratory ............................................ 1
THEA 2605 Theatre Practicum ............................................... 1
THEA 2800 Theatre Laboratory ............................................ 1
THEA 4607 Theatre Practicum ............................................... 1
THEA 4800 Theatre Laboratory ............................................ 1
THEA 2500 Creative Drama .................................................. 1
THEA 2525 Stage Makeup ................................................... 1
THEA 2540 Theatre Design Basics .................................... 1
THEA 3330 Scenic Design ................................................... 1
THEA 3335 Lighting Design ................................................ 1
THEA 3345 Costume Design ................................................ 1
THEA 3400 Acting for the Camera I ..................................... 1
THEA 3530 Play Direction ................................................... 1
THEA 3435 Acting for the Camera II ............................. 1
THEA 3500 Voice and Diction .............................................. 1
THEA 3510 Acting II ............................................................. 1
THEA 3512 The Audition Process ......................................... 1
THEA 3515 Theatre Movement ............................................. 1
THEA 3625 Advanced Stage Makeup ................................... 1
THEA 4417 Teaching Theatre Grades K-12 ...................... 1
THEA 4527 Advanced Scenographic Design ...................... 1
THEA 4537 Advanced Play Direction .................................. 1
THEA 4557 Playwriting ....................................................... 1
THEA 4637 Theatre Management ....................................... 1
THEA 4647 Theatre Architecture and Design .................. 1
THEA 4707 Theatre Internship ............................................. 1
THEA 4857 Period Acting Styles ........................................ 1
THEA 4867 Summer Theatre Performance ...................... 1
THEA 4900 Independent Studies ...................................... 1
THEA 4957 Special Topics in Theatre ................................ 1
DANC 2125 Jazz Dance ....................................................... 1
DANC 2150 Tap Dance ....................................................... 1
PHEED 2230 Fencing ......................................................... 1
ENGL 3030 Drama ............................................................. 3
ENGL 4030 Modern Drama ................................................ 3

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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

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<td>ENGL 1010 Scientific Reading/Expository Writing</td>
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<td>MATH 1200 Probability &amp; Statistics</td>
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<td>Communication: Oral Communication</td>
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<tr>
<td>THEA 1020 Stagecraft</td>
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Second Semester

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<td>THEA 2500 Dramatic Structure (WI)</td>
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<td>THEA 2420 Theatre Design Basics (UIT)</td>
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Sophomore Year

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<tr>
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<td>THEA 2500 Dramatic Structure (WI)</td>
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<td>THEA 2420 Theatre Design Basics (UIT)</td>
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Second Semester

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Junior Year

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Second Semester

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<td>Minor/General Education Elective</td>
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<tr>
<td>THEA 3000 Theatre History Elective (WI)</td>
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<td>THEA 2050 Theatre Practicum</td>
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Senior Year

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<td>THEA 3000 Theatre History Elective</td>
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<td>THEA 3000 Theatre Practicum (WI)</td>
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<td>THEA 4000 Theatre Laboratory</td>
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<table>
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<tr>
<td>Minor/General Education Elective</td>
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<tr>
<td>Minor/General Education Elective</td>
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<td>THEA 3000 Theatre Practicum</td>
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<td>THEA 4000 Theatre Laboratory</td>
</tr>
<tr>
<td>Semester Total</td>
</tr>
</tbody>
</table>

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

Using Information Technology

Using Information Technology-intensive course

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 3
Eight hours of single laboratory science 3
PHIL 2640 Science and the Modern World 3
Reasoning and Argumentation (PHIL 2030 or SPCH 2320) 3

**B.A. Requirements** 9-10 Credit Hours

Select MATH 1530, 1840, or 1910 3-4

**Minor** 3

**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/arts/linguistics/placement_policy/)

**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:

   - CJSR 1100 Introduction to Criminal Justice 3
   - CJSR 2540 Criminal Law 3
   - CJSR 3000 Statistics for Criminal Justice and Criminology 3
   - CJSR 3010 Research Methods for CJCR 3
   - CJSR 3300 Criminal Justice Ethics 3
   - CJSR 3310 Criminology 3
   - CJSR 4680 Issues in Criminal Justice Policy and Criminology 3

   **Total** 21

3. Completion of 21 hours of 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 2.0 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.
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

<table>
<thead>
<tr>
<th>English Major Requirements</th>
<th>36 Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2110 or 2120 and 2210 or 2220* (3 hours satisfies Humanities/Literature) (or Honors Equivalent)</td>
<td>3</td>
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<tr>
<td>ENGL 2330 or 2430*</td>
<td>3</td>
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<tr>
<td>ENGL 3000-level courses (3)</td>
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<td>ENGL 4000-level courses (2)</td>
<td>6</td>
</tr>
<tr>
<td>ENGL Electives (4 at 3000/4000 level)</td>
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* 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.

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
  - ENGL 2430 European Literature
  - ENGL 3010 Poetry
  - ENGL 3020 Fiction
  - ENGL 3030 Drama
  - ENGL 3040 Literary Nonfiction
  - ENGL 3100 Introduction to Linguistics
  - ENGL 3200 History of the English Language
  - ENGL 4120 Descriptive Linguistics
  - ENGL 4130 Social and Psychological Aspects of Language
  - ENGL 4177 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:

- EDEN 2100 Orientation to the Profession of Teaching
- EDEN 2300 Foundations for Teaching
- EDEN 3301 Issues in Education
- EDEN 3310 Educational Psychology
- MEDA 3570 Instructional Technology
- SPED 2300 Exceptional Learners in School
- ENGL 4417 Teaching English in Secondary Schools
- CUAL 4417 Secondary Curriculum and Methods
- CUAL 4427 Secondary Curriculum and Methods Field Experience
- READ 4437 Reading Instruction in Middle/Secondary School

**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.

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<td>HIST 2010 The United States to 1877</td>
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<td>MATH 1030 Probability and Statistics</td>
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<td>Science</td>
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<td>Fine Arts</td>
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</table>

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.
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
ENVH 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

BIOL 1110/11 Biology/Lab for Science Majors ............................. 4
BIOL 4047 Ecological Field Trip ................................................... 3
BIOL 4247 Appalachian Flora ....................................................... 3
ENVH 3400 Introduction to Air Pollution ..................................... 3
ENVH 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 ...................... 3
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
ENGL 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 3130 Interpretation of Cultural & Natural Resources ....... 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.

Environmental Studies Minor (ENVS)
Box 70683
Web Address: http://www.etsu.edu/environmentalstudies/

Dr. Kevin O’Donnell, Director
313 Burleson 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.

Film Studies Minor

FILM

Box 70683
Phone: (423) 439-6678
Web Address: www.etsu.edu/English/filmsstudyminor

Jennifer Barker
email: Barkeri@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

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
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.

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 2010 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—I nternational 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 Warr-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 Warr-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

Natural Sciences* ....................................................... 8

HIST 2010 The United States to 1877 ............................... 3

Literature* ................................................................... 3

Fine Arts* .................................................................... 3

Humanities* ................................................................. 3

Social/Behavioral Sciences* ........................................... 6

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

French1010 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 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

GERMAN

Major and Minor Pre-requisites ....................... 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

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 ................. 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

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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

**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 ................................................................. 3

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 ................................................................................................... 3

ENGL 1010 Critical Reading and Expository Writing .............................. 3

SPAN 1010 Beginning Spanish I ............................................................. 3

HIST 2010 The United States to 1877 ................................................. 3

**Semester Total** .................................................................................. 16

**Second Semester** Credit Hours

ENGL 1000 Critical Thinking and Argumentation ................................... 3

SPAN 1010 Beginning Spanish II ............................................................. 3

NATH 1000 Probability and Statistics ..................................................... 3

HIST 2020 The United States Since 1877 ................................................. 3

**Semester Total** .................................................................................. 16

**Sophomore Year** 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** .................................................................................. 16

**Second Semester** Credit Hours

ENGL 3xxx/4xxx Elective ....................................................................... 3

SPAN 3xxx Basic Spanish Grammar .................................................... 3

SPAN 3113 Spanish Composition and Conversation ......................... 3

SPAN 3613 Survey of Spanish-American Literature ............................. 3

Elective .................................................................................................... 3

**Semester Total** .................................................................................. 15

**Junior Year**

**First Semester** Credit Hours

ENGL 3xxx/4xxx Elective ....................................................................... 3

ENGL 4xxx Elective ............................................................................... 3

SPAN 3113 Civilization of Spain ........................................................... 3

SPAN 3113 Spanish Composition and Conversation ......................... 3

ENGL 3113 Introduction to Linguistics .................................................. 3

**Semester Total** .................................................................................. 15

**Second Semester** Credit Hours

ENGL 4xxx Elective ............................................................................... 3

SPAN 4107 Cervantes ............................................................................ 3

Elective .................................................................................................... 3

**Semester Total** .................................................................................. 13

**Senior Year**

**First Semester** Credit Hours

ENGL 4xxx Elective ............................................................................... 3

SPAN 4107 Cervantes ............................................................................ 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 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.

Major—A student majoring in geography must complete a minimum of 30 credit hours in geography.

### TBR General Education Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication: Oral Communication*</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020 Critical Thinking and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1530 Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1110 Earth Science: Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 1120 Earth Science: Landforms and Processes</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Literature*</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>3</td>
</tr>
<tr>
<td>Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1012 Introduction to Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences*</td>
<td>3</td>
</tr>
</tbody>
</table>

*Excess TBR General Education Core Requirements.

### B.S. Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>MATH 1530 Probability and Statistics</td>
<td></td>
</tr>
<tr>
<td>PHIL 2640 Science and the Modern World</td>
<td>3</td>
</tr>
<tr>
<td>Reasoning and Argumentation (PHIL 2030 or SPCH 2320)</td>
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<tr>
<td>Single Laboratory Science*</td>
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### Geography Major Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>ENTC 1100 Student In University</td>
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<tr>
<td>ENGL 1110 Earth Science: Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication</td>
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### Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOG 1013 Intro. to World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2110 Modern Geographic Concepts</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3210 Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4007 Geography of the United States</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4217 Geographic Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

### Geography Major Requirements

<table>
<thead>
<tr>
<th>Select at least (15) fifteen hours from the following:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3010 Econ. Geography-Manuf. &amp; Svc. Industries</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3020 Economic Geo. Agri. &amp; Extractive Industries</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3040 Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3060 Geomorphology</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 3090 Meteorology &amp; Climatology</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 3120 Intro. to Geography of Southern App</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3300 Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4017 Advanced Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4077 Seminar in Geography of Southern App</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4107 Urban Geography and Planning</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4117 Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4227 Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4237 Advanced Remote Sensing</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4257 Geography of Soils</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 4267 Hydrology</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 4307 Regional Geography</td>
<td>3</td>
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<td>GEOG 4317 Advanced Geographic Information Systems</td>
<td>3</td>
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<tr>
<td>GEOG 4807 Advanced Field Methods</td>
<td></td>
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<td>GEOG 4907 Independent Study in Geography</td>
<td>1-3</td>
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*Excess TBR General Education Core Requirements.

### Minor Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Electives</td>
<td>18-27</td>
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### Total Hours Required for Degree

<table>
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<tr>
<th>Requirement</th>
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<tr>
<td>Required Courses</td>
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<tr>
<td>Electives</td>
<td>16-25</td>
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<table>
<thead>
<tr>
<th>Suggested Course Sequence</th>
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<tbody>
<tr>
<td>ENTC 1510 Student In University</td>
<td>3</td>
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<tr>
<td>ENGL 1110 Earth Science: Weather and Climate</td>
<td>4</td>
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<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication</td>
<td>3</td>
</tr>
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</table>

### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
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<tr>
<td>GEOG 1120 Earth Science: Weather and Climate</td>
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<tr>
<td>ENGL 1010 Critical Thinking and Argumentation</td>
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<td>MATH 1530 Probability &amp; Statistics-Non-Calculus</td>
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<tr>
<td>GEOG 1012 Introduction to Cultural Geography</td>
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### Semester Total

| Hours | 15 |

### Sophomore Year

<table>
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<tr>
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<tr>
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### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
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</table>

### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Total

| Hours | 15 |

### Junior Year

<table>
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<tr>
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### First Semester

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Electives</td>
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### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
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<td>Electives</td>
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</tr>
</tbody>
</table>

### Total

| Hours | 15 |

### Senior Year

<table>
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<tr>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>Electives</td>
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### First Semester

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
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</table>

### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

### Total

| Hours | 15 |

### Total Hours

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td>15</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
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</tbody>
</table>

### 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 must 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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
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</table>

### Upper-Division Geography Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENTC 1510 Student In University</td>
<td>3</td>
</tr>
<tr>
<td>ENTC 1100 Earth Science: Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>ENTC 1010 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Minor in Geographic Information Systems</td>
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</table>

### Geographic Information Systems Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3210 Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4217 Geographic Information System</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4317 Advanced GIS</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

*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.
**Geology Major Core Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GEOL 1040</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 1050</td>
<td>Historical Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 3001</td>
<td>Mineralogy</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 3391</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 3395</td>
<td>Vertebrate Paleontology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 4120</td>
<td>Petrography</td>
<td>4</td>
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<tr>
<td>GEOG 4217</td>
<td>GIS</td>
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</tr>
<tr>
<td>GEOL 4617</td>
<td>Structural Geology</td>
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</table>

**Geography Major Core Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOG 4217</td>
<td>GIS</td>
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</tr>
<tr>
<td>GEOG 4617</td>
<td>Structural Geology</td>
<td>4</td>
</tr>
</tbody>
</table>

**Additional Requirements**

- **Social/Behavioral Sciences:**
  - ENGL 1010 Critical Reading and Expository Writing: 3 credits
  - ENGL 1020 Critical Thinking and Argumentation: 3 credits
  - PSYCH 2320 Argumentation and Debate: 3 credits
  - MATH 1910 Calculus I: 4 credits
  - CHEM 1120/21 General Chemistry I and Lab: 4 credits

- **Natural Science:**
  - BIOL 1100 Biological Science I: 4 credits
  - CHEM 1110/11 General Chemistry I and Lab: 4 credits
  - PHYS 2010/21 General Physics I and Lab: 4 credits

- **Electives:**
  - 9 hours

**Electives:**

- Choose 9 hours from:
  - GEOL 4857 Principles of Hydrogeology: 4 credits
  - GEOL 4899 Senior Thesis: 3 credits
  - GEOL 4905 Independent Study: 4 credits

**Suggested Course Sequence**

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1010 Critical Reading and Expository Writing: 3 credits</td>
</tr>
<tr>
<td>GEOL 1040 Physical Geology: 4 credits</td>
</tr>
<tr>
<td>GEOL 1050 Historical Geology: 4 credits</td>
</tr>
<tr>
<td>HIS 1001 United States Since 1877: 3 credits</td>
</tr>
<tr>
<td>MATH 1910 Calculus I: 4 credits</td>
</tr>
<tr>
<td>CHEM 1120/21 General Chemistry I and Lab: 4 credits</td>
</tr>
<tr>
<td>Total Semester: 15 credits</td>
</tr>
</tbody>
</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Second Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 2040 Geohazards: 3 credits</td>
</tr>
<tr>
<td>BIOL 1000 Historical Geology: 4 credits</td>
</tr>
<tr>
<td>MATH 1920 Calculus II: 4 credits</td>
</tr>
<tr>
<td>CHEM 1120/21 General Chemistry I and Lab: 4 credits</td>
</tr>
<tr>
<td>Total Semester: 15 credits</td>
</tr>
</tbody>
</table>

**Junior Year**

<table>
<thead>
<tr>
<th>First Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 3001 Mineralogy: 4 credits</td>
</tr>
<tr>
<td>HIS 2010 The United States to 1877: 3 credits</td>
</tr>
<tr>
<td>PHYS 2000/21 General Physics I and Lab: 4 credits</td>
</tr>
<tr>
<td>PHIL 2640 Science and the Modern World: 3 credits</td>
</tr>
<tr>
<td>Total Semester: 14 credits</td>
</tr>
</tbody>
</table>

**Senior Year**

<table>
<thead>
<tr>
<th>Second Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 4899 Senior Thesis: 3 credits</td>
</tr>
<tr>
<td>GEOL 4905 Independent Study: 4 credits</td>
</tr>
<tr>
<td>Total Semester: 15 credits</td>
</tr>
</tbody>
</table>
TBR General Education Requirements ........... 41-42 Credit Hours

The preprofessional historian can find a rewarding career in teaching, in preparation for professional and graduate studies, such as law and religion. Throughout their lives, the study of history provides an appropriate perspective of the historical process that has shaped their personal lives. The Department 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.

<table>
<thead>
<tr>
<th>Bachelor of Arts (B.A.)</th>
<th>History Major (HIST)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ETSU Academic Proficiency Requirements</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Writing:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td><strong>Oral Communication:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td><strong>Using Information Technology:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td>Transfer students may be subject to reduced number of intensives.</td>
<td></td>
</tr>
<tr>
<td><strong>See ETSU Academic Proficiency Requirements for details.</strong></td>
<td></td>
</tr>
</tbody>
</table>

**TBR General Education Requirements** ........ 41-42 Credit Hours

<table>
<thead>
<tr>
<th>English</th>
<th>History Major Requirements .................................................. 33 Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
<td>HIST 1110 &amp; 1120 World Civilization ........................................ 6</td>
</tr>
<tr>
<td>ENGL 1020 Critical Thinking and Argumentation</td>
<td>HIST 3410 Intro. to Historical Study .......................................... 3</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>HIST 3000-level courses (2)** ........................................... 6</td>
</tr>
<tr>
<td>Communication: Oral Communication*</td>
<td>HIST 4000-level courses (5)** ............................................. 15</td>
</tr>
<tr>
<td>Natural Sciences*</td>
<td>One course at either the 3000 or 4000 level*** .................. 3</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td><strong>Satisfies TBR General Education Core Requirement.</strong></td>
</tr>
<tr>
<td>HIST 2020 The United States Since 1877</td>
<td><strong>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.</strong></td>
</tr>
<tr>
<td>Literature*</td>
<td><strong>B.A. Requirements</strong> .................................................. 3 Credit Hours</td>
</tr>
<tr>
<td>Fine Arts*</td>
<td>Select MATH 1530, 1840, or 1910 ........................................ *</td>
</tr>
<tr>
<td>Humanities*</td>
<td><strong>Foreign Language</strong> ....................................................... 3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences*</td>
<td>(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department’s placement policy at <a href="http://www.etsu.edu/ful/academic/english/placement">http://www.etsu.edu/ful/academic/english/placement</a> shooting).**</td>
</tr>
<tr>
<td>Electives</td>
<td><strong>Minor</strong> .................................................. 18-27 Credit Hours</td>
</tr>
<tr>
<td>Total</td>
<td><strong>Total Hours Required for Degree</strong> ........................................ 120 Credit Hours</td>
</tr>
</tbody>
</table>

**Bachelor of Science (B.S.)**

<table>
<thead>
<tr>
<th>English</th>
<th>History Major (HIST)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ETSU Academic Proficiency Requirements</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Writing:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td><strong>Oral Communication:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td><strong>Using Information Technology:</strong> 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.</td>
<td></td>
</tr>
<tr>
<td>Transfer students may be subject to reduced number of intensives.</td>
<td></td>
</tr>
<tr>
<td><strong>See ETSU Academic Proficiency Requirements for details.</strong></td>
<td></td>
</tr>
</tbody>
</table>

| History Major Requirements .................................................. 39 Credit Hours |
|-------------------------|----------------------|
| **English** | MATH 1530 Probability & Statistics—Noncalculus ................................. 8 |
| **History Major Requirements** .................................................. 6 Credit Hours |
| ENGL 1010 Critical Reading and Expository Writing | 8 credit hours of single laboratory science | |
| ENGL 1020 Critical Thinking and Argumentation | PHIL 2640 Science and the Modern World ................................. 3 |
| Mathematics* | Reasoning and Argumentation (PHIL 2030 or SPCH 2320) .......................... 3 |
| Communication: Oral Communication* | **Satisfies TBR General Education Core Requirement.** |
| Natural Sciences* | **B.S. Requirements** .................................................. 6 Credit Hours |
| HIST 2010 The United States to 1877 | MATH 1530 Probability & Statistics—Noncalculus ................................. 8 |
| HIST 2020 The United States Since 1877 | 8 credit hours of single laboratory science | |
| Literature* | PHIL 2640 Science and the Modern World ................................. 3 |
| Fine Arts* | Reasoning and Argumentation (PHIL 2030 or SPCH 2320) .......................... 3 |
| Humanities* | **Minor** .................................................. 18-27 Credit Hours |
| Social/Behavioral Sciences* | **Total Hours Required for Degree** ........................................ 120 Credit Hours |
| Electives | **B.S. Requirements** .................................................. 6 Credit Hours |

**B.S. Requirements** .................................................. 6 Credit Hours

| Mathematics* | MATH 1530 Probability & Statistics—Noncalculus ................................. 8 |
| **PHIL 2640 Science and the Modern World** | 8 credit hours of single laboratory science | |
| **Reasoning and Argumentation (PHIL 2030 or SPCH 2320)** | **Satisfies TBR General Education Core Requirement.** |

**Minor** .................................................. 18-27 Credit Hours

| **Total Hours Required for Degree** ........................................ 120 Credit Hours | **Minor** .................................................. 18-27 Credit Hours |

| **Total Hours Required for Degree** ........................................ 120 Credit Hours | **Electives** .................................................. 7-16 Credit Hours |

**Total Hours Required for Degree** ........................................ 120 Credit Hours

**Department of History (HIST)**

**Box 70672**

**Phone:** (423) 439-4222

**Web Address:** www.etsu.edu/cas/history/hist.htm
Humanities/Fine Arts 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1110 &amp; 1120</td>
<td>World Civilization</td>
<td>6</td>
</tr>
<tr>
<td>HIST 4000-level courses</td>
<td>(3)*</td>
<td>9</td>
</tr>
<tr>
<td>HIST 3000 or 4000 level courses</td>
<td>(2)*</td>
<td>6</td>
</tr>
</tbody>
</table>

* Of the 11 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

e-mail: 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMT 2310</td>
<td>Intro to the Study of Humanities/Fine Arts I</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 2320</td>
<td>Intro to the Study of Humanities/Fine Arts II</td>
<td>3</td>
</tr>
<tr>
<td>HUMT 4950</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

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### Legal Studies Minor

**Box 70651**

*Phone: (423) 439-4217*

*Web Address: www.etsu.edu/cas/philosophy/default.aspx*

Dr. David Briley, Director

e-mail: briley@etsu.edu

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI 3200</td>
<td>Law and Judicial Process</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 3230</td>
<td>American Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>CJCR 2540</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3310*</td>
<td>Legal Environment of Business or ENVH 4000</td>
<td>3</td>
</tr>
</tbody>
</table>

**Guided electives** ............................................................ 9 credit hours

Select any three courses from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI 3205</td>
<td>Constitution and Civil Liberties</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 3210</td>
<td>Due Process and Adjudication</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 3220</td>
<td>The Supreme Court</td>
<td>3</td>
</tr>
<tr>
<td>CJCR 3650</td>
<td>Criminal Procedure</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 4000</td>
<td>Public Health Law</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4037</td>
<td>Communication Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3310*</td>
<td>Legal Environment of Business or MGMT 3333</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3333</td>
<td>Law of Commercial Transactions</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 4600</td>
<td>Personnel Law</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 4957</td>
<td>Special Topics in Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

*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.

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### Department of Mathematics and Statistics

**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. 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, 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**

**ENGL 1010** Critical Reading and Expository Writing .......................... 3

**ENGL 1020** Critical Thinking and Argumentation ............................ 3

**SPOH 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**

**Natural Sciences: PHYS 2110/20 OR BiOL 1110/11, BiOL 1120/21**

8-10 Credit Hours

**Mathematics Core Requirements**

**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 2807** Numerical Linear Algebra .......................... 3

**Mathematical Sciences Track**

**MATH 3050** Applied Combinatorics & Problem Solving ............. 3

**MATH 4137** Modern Algebra II .................................................. 3

**MATH 4337** Complex Variables .................................................. 3

**MATH 4347** Introduction to Graph Theory/Applications ............... 3

**Quantitative Modeling Track**

**MATH 3050** Statistical Modeling ............................................... 3

**MATH 3150** Mathematical Modeling .......................................... 3

**MATH 4337** Complex Variables .................................................. 3

**MATH 4347** Intro. to Graph Theory/Applications .......................... 3
Mathematics Education Track ............................. 12 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3040</td>
<td>History of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3150</td>
<td>Mathematical Modeling</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3340</td>
<td>Applied Com. &amp; Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4157</td>
<td>Modern Geometry</td>
<td>3</td>
</tr>
</tbody>
</table>

In order to complete the requirements for teacher certification in the Mathematics Education Track, students 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**

<table>
<thead>
<tr>
<th>First Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
</tr>
<tr>
<td>MATH 1910 Calculus I</td>
</tr>
<tr>
<td>Natural Science</td>
</tr>
<tr>
<td>PHIL 2640 Science and the Modern World</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1020 Critical Reading &amp; Argumentation</td>
</tr>
<tr>
<td>MATH 2010 Linear Algebra</td>
</tr>
<tr>
<td>Natural Science</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2050 Fundamentals of Probability &amp; Statistics</td>
</tr>
<tr>
<td>MATH 2090 Mathematical Computing</td>
</tr>
<tr>
<td>MATH 2120 Differential Equations</td>
</tr>
<tr>
<td>HIST 2030 The United States Since 1877</td>
</tr>
<tr>
<td>Elective</td>
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Mathematical Sciences Track

**Junior Year**

<table>
<thead>
<tr>
<th>First Semester Credit Hours</th>
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<tbody>
<tr>
<td>MATH 3340 Applied Com. &amp; Problem Solving</td>
</tr>
<tr>
<td>PHYS 2100 Technical Physics I or BIOL 1110/11 Biology for Science Majors</td>
</tr>
<tr>
<td>SPCH 2200 Argumentation and Debate</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
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<tr>
<td>Literature</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>MATH 4347 Graph Theory with Applications</td>
</tr>
<tr>
<td>MATH 4397 Complex Variables</td>
</tr>
<tr>
<td>PHYS 2120 Technical Physics II or BIOL 1120/21 Biology for Science Majors</td>
</tr>
<tr>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>MATH 4127 Modern Algebra I</td>
</tr>
<tr>
<td>MATH 4217 Analysis I</td>
</tr>
<tr>
<td>MATH 4010 Undergraduate Research</td>
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<tr>
<td>Electives</td>
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Mathematical Statistics Track

**Junior Year**

<table>
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<tbody>
<tr>
<td>MATH 3060 Statistical Modeling</td>
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<tr>
<td>MATH 4127 Modern Algebra I</td>
</tr>
<tr>
<td>PHYS 2100 Technical Physics II or BIOL 1110/11 Biology for Science Majors</td>
</tr>
<tr>
<td>SPCH 2200 Argumentation and Debate</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
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<table>
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<tbody>
<tr>
<td>MATH 4267 Applications of Statistics</td>
</tr>
<tr>
<td>PHYS 2120 Technical Physics II or BIOL 1120/21 Biology for Science Majors</td>
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**Senior Year**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MATH 4217 Modern Algebra I</td>
</tr>
<tr>
<td>MATH 4217 Analysis I</td>
</tr>
<tr>
<td>MATH 4010 Undergraduate Research</td>
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<tr>
<td>Electives</td>
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**Quantitative Modeling Track**

**Junior Year**

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<tr>
<td>MATH 4337 Complex Variables</td>
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<tr>
<td>MATH 3060 Statistical Modeling</td>
</tr>
<tr>
<td>MATH 3150 Mathematical Modeling</td>
</tr>
<tr>
<td>PHYS 2100 Technical Physics I or BIOL 1110/11 Biology for Science Majors</td>
</tr>
<tr>
<td>SPCH 2200 Argumentation and Debate</td>
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<tr>
<td>Social/Behavioral Sciences</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2120 Technical Physics II or BIOL 1120/21 Biology for Science Majors</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
</tr>
<tr>
<td>Fine Arts</td>
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<tr>
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<td><strong>Semester Total</strong></td>
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<tr>
<td>MATH 4217 Analysis I</td>
</tr>
<tr>
<td>MATH 4010 Undergraduate Research</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
</tr>
</tbody>
</table>

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.
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](http://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**

Applicants for music scholarships must be admitted to the university, and the community.

Awards vary in size and include the following:

- Lamar Alexander Scholarship
- The Elsie Arzt 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](http://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 the applied music program 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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MUSC 1410</td>
<td>Theory I</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 1411</td>
<td>Aural Skills I</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 1420</td>
<td>Theory II</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 1421</td>
<td>Aural Skills II</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 2410</td>
<td>Theory III</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 2411</td>
<td>Aural Skills III</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 2420</td>
<td>Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 2421</td>
<td>Aural Skills IV</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 2540</td>
<td>Music History I</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 2550</td>
<td>Music History II</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3540</td>
<td>Music History III</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3550</td>
<td>Music History IV</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3570</td>
<td>Introduction to Conducting</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 4560</td>
<td>Orchestration &amp; Arranging</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 4600</td>
<td>Orchestration &amp; Arranging</td>
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| Total       | 28 Credit Hours                       |         |

#### Music Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MUSC 1040</td>
<td>Class Voice OR two semesters choir</td>
<td>1-2</td>
</tr>
<tr>
<td>MUSC 2010</td>
<td>Class Piano III</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 2020</td>
<td>Class Piano IV</td>
<td>1</td>
</tr>
<tr>
<td>MUSC 2600</td>
<td>String Methods</td>
<td>2</td>
</tr>
<tr>
<td>MUSC 2630</td>
<td>Woodwind Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 2660</td>
<td>Brass Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 2690</td>
<td>Percussion Methods</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 3590</td>
<td>Instrumental Conducting</td>
<td>2</td>
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<tr>
<td>MUSC 4560</td>
<td>Jazz Pedagogy</td>
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<tr>
<td>MUSC 4570</td>
<td>Marching Band Methods</td>
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<tr>
<td>MUSC 4571</td>
<td>Marching Band Internship</td>
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<tr>
<td>MUSC 4580</td>
<td>Organization and Administration</td>
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<tr>
<td>MUSC 4590</td>
<td>Beginning Band/General Music Methods</td>
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<tr>
<td>Applied Music</td>
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| Total       | 51 Credit Hours                       |         |

### Select One of the Following:

#### Music Education Instrumental

<table>
<thead>
<tr>
<th>K-12 Requirements</th>
<th>1-2 Credit Hours</th>
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<tbody>
<tr>
<td>MUSC 1040</td>
<td>Class Voice OR two semesters choir</td>
</tr>
<tr>
<td>MUSC 2010</td>
<td>Class Piano III</td>
</tr>
<tr>
<td>MUSC 2020</td>
<td>Class Piano IV</td>
</tr>
<tr>
<td>MUSC 2600</td>
<td>String Methods</td>
</tr>
<tr>
<td>MUSC 2630</td>
<td>Woodwind Methods</td>
</tr>
<tr>
<td>MUSC 2660</td>
<td>Brass Methods</td>
</tr>
<tr>
<td>MUSC 2690</td>
<td>Percussion Methods</td>
</tr>
<tr>
<td>MUSC 3590</td>
<td>Instrumental Conducting</td>
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<tr>
<td>MUSC 4560</td>
<td>Jazz Pedagogy</td>
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<tr>
<td>MUSC 4570</td>
<td>Marching Band Methods</td>
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<tr>
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<td>Marching Band Internship</td>
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<tr>
<td>MUSC 4580</td>
<td>Organization and Administration</td>
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<tr>
<td>MUSC 4590</td>
<td>Beginning Band/General Music Methods</td>
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<tr>
<td>Applied Music</td>
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### Music Education Vocal

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<td>MUSC 2010</td>
<td>Class Piano III</td>
</tr>
<tr>
<td>MUSC 2020</td>
<td>Class Piano IV</td>
</tr>
<tr>
<td>MUSC 2710</td>
<td>Diction I</td>
</tr>
<tr>
<td>MUSC 2720</td>
<td>Diction II</td>
</tr>
<tr>
<td>MUSC 3580</td>
<td>Choral Conducting</td>
</tr>
<tr>
<td>MUSC 4510</td>
<td>Music in Elementary School</td>
</tr>
<tr>
<td>MUSC 4520</td>
<td>Music in Secondary School</td>
</tr>
<tr>
<td>MUSC 4531</td>
<td>Vocal Pedagogy</td>
</tr>
<tr>
<td>MUSC 4730</td>
<td>Choral Literature</td>
</tr>
<tr>
<td>Applied Voice</td>
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<tr>
<td>Ensemble</td>
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</tr>
<tr>
<td>Applied Piano</td>
<td></td>
</tr>
<tr>
<td>Foreign Language (two semesters of French, German, or Italian)</td>
<td>6 Credit Hours</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Total</td>
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</tr>
</tbody>
</table>

*See ETSU Academic Proficiency Requirements for details.

Transfer students may be subject to reduced number of intensives.
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 Technical Writing .............................. 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

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 ...................................... 1
MUSC 2411 Aural Skills III ............................ 1
MUSC 2420 Theory IV ..................................... 1
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 ........................ 3
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

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 43 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.

Keyboard Specialty ........................................ 51 Credit Hours
MUSC 3420 Counterpoint ................................ 3
MUSC 3739 Piano Literature I ....................... 3
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 ..................................................... 3

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
MUSC 2550 Music History II ......................... 3
MUSC 3540 Music History III ....................... 3
MUSC 3550 Music History IV ......................... 3
MUSC 4600 Orchestration & Arranging ............ 2
Applied Music* ........................................ 6
Electives ................................................ 4

* Minimum 6, must include at least one semester at Level II.
** Elective may be any music course 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) 349-4425
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* ....................................................................................... 6

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 .............................. 45

**B.A. Requirements** .................................................. 6 Credit Hours

Select MATH 1530, 1820, 1840, or 1910 .................................. 3

**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)

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 ........................................................................ 3

PHIL 2640 Science and the Modern World .................................. 3

Reasoning and Argumentation (PHIL 2030 or SPCH 2320) ........ 3

Single Laboratory Science .......................................................... 3

*See the General Education Core Requirements for options.

**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)

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 ........................................ 4
** SAT/ACT Writing score minimum requirement.

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

Total General Education Hours: 26 Credit Hours

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 3510 Introduction toCosmology .................. 3
ASTR 3610 Introduction to Astronomy .................. 3
ASTR 3710 Electromagnetic Theory .................. 4
PHYS 3850 Seminar in Physics .................. 1
PHYS 4500 Special Topics in Physics .................. 1-3
PHYS 4600 Special Topics in Physics .................. 1-3

Total electives required: 6-12 credit hours

Total Hours Required for Degree .................. 120 Credit Hours

Suggested Course Sequence
Freshman Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
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<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
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<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
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<tr>
<td>MATH 1910 Calculus I</td>
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Second Semester

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<td>ENGL 1020 Critical Reading and Argumentation</td>
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<td>Natural Science</td>
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<tr>
<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
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<tr>
<td>MATH 1920 Calculus II</td>
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Sophomore Year

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<td>PHYS 2110 Technical Physics I</td>
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<tr>
<td>Literature</td>
<td>3</td>
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<td>Social/Behavioral Sciences</td>
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</tr>
<tr>
<td>MATH 2110 Calculus III</td>
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Second Semester

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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PHYS 2120 Technical Physics II</td>
<td>5</td>
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<tr>
<td>Minor Requirement</td>
<td>3</td>
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<td>Fine Arts</td>
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<tr>
<td>Social/Behavioral Sciences</td>
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<tr>
<td>MATH 2120 Differential Equations</td>
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Junior Year

<table>
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<th>First Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHYS 3010 Mechanics</td>
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<tr>
<td>PHYS 3610 Atomic and Nuclear Physics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2120 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>Physics lab-based course</td>
<td>2</td>
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<tr>
<td>Minor requirement</td>
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<tr>
<td>Semester Total</td>
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</table>
East Tennessee State University

Second Semester Credit Hours
PHYS 3710, Electricity and Magnetism 4
PHYS 4617, Quantum Physics 4
Minor Requirement 3
Humanities 3
Electives 3
Semester Total 17

Senior Year
First Semester Credit Hours
Minor requirement 6
Physics electives 5
Free Electives 3
Semester Total 14

Second Semester Credit Hours
Minor requirement 3
Electives 8
Humanities/Fine Arts Elective 3
Semester Total 14
Total 120 Credit Hours

Students are also strongly encouraged to take mathematics at least through ordinary differential equations and such additional elective courses in physics, mathematics, and chemistry as their curriculum will permit.

All major programs in physics must be approved by the chair of the department.

To complete university graduation requirements, students must complete a minor in another subject area.

Department of Physics and Astronomy offers a major in physics with the B.S. degree. The physics major must satisfy the General Education Core Requirements and B.S. requirements at the beginning of the College of Arts and Sciences section of this catalog.

Minor – A minor in physics at the bachelor's level requires a minimum of 20 credit hours of study in physics, distributed as follows:

Minor Requirements 20 Credit Hours
PHYS 2110, Technical Physics-Calculus based I 5
PHYS 2120, Technical Physics-Calculus based II 5
PHYS Electives chosen from 10

Transfer Students – Transfer students majoring in physics should contact the chair of the department for advising as soon as possible. This will ensure that the student's previous work will be coordinated efficiently with ETSU requirements.

Teacher Education – Students interested in pursuing a teacher education program for certification as a physics teacher in grades 7-12 are asked to see the department chair in the Department of Physics and Astronomy 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 36 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 – Students interested in graduate studies in physics may elect to participate in the mathematical sciences program. Further information is contained in the Graduate Catalog.

Department of Political Science, International Affairs, and Public Administration (PSCI) (ITAF) (PMGT)

Box 70651 Phone: (423) 439-4217
Web Address: www.etsu.edu/cas/PoliSci

Political Science (PSCI)

Political science is the study of government, politics, and public affairs in the United States and other countries, and of the relations among nations and states in the world community. The political science curriculum is designed to provide students with factual knowledge of these subjects and with the ability to analyze and evaluate critically competing ideologies, governmental systems, political practices, and policy proposals. The study of political science prepares students to be informed and engaged citizens as well as to pursue careers in law, public affairs, and many other fields.

Major – Students majoring in political science must complete requirements for the General Education Program, both the core curriculum requirements and the requirements reinforcing academic proficiencies (see General Education Program section of this catalog). Students must also complete the degree requirements of the College of Arts and Sciences, either for the Bachelor of Arts (B.A.) or the Bachelor of Science (B.S.). (See College of Arts and Sciences degree requirements in this catalog.) The political science major itself requires the completion of 36 semester credit hours.

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

Political Science Major Requirements 36 Credit Hours
PSCI 1110 Political Life 3
PSCI 1120 Intro. to American Government 3
PSCI 2100 Introduction to Comparative Politics or
PSCI 2220 Introduction to World Politics 3
PSCI 3350 Social Statistics or
SOCI 3444 Data Analysis 3

Research Design for Social Science (PSCI 2980/90, CJCR 3010,
PSCI 3210 or SOAA 4627, GEOG 2310 or 4807, or SPCH 3330) 3

Note: For the General Education Core Requirements for details.
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, 1640, or 1910 ........................................... 3
- Foreign Language ....................................................................... 3

(See College of Arts and Science B.A. and B.S. Degree Requirements; consult the Foreign Language Department’s placement policy at http://www.etsu.edu/cola/foreignlanguage/)

One course of Non-United States History ................................ 3

B.S. Requirements ................................................................. 6 credit hours
- MATH 1530 or 1910 ................................................................. 3
- PHIL 2640 Science and the Modern World ............................. 3
- Reasoning and Argumentation (PHIL 2030 or SPH 2320) ........ 3
- Single laboratory science .......................................................... 2
** "Senior laboratory science" ...................................................................

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 the (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 for 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*

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th></th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Semester</td>
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<tr>
<td>PSCI 1110</td>
<td>Political Life</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>Critical Reading</td>
<td>3</td>
</tr>
<tr>
<td>Communication</td>
<td>Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2016</td>
<td>The United States</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
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<tr>
<td></td>
<td>Second Semester</td>
<td></td>
</tr>
<tr>
<td>PSCI 1120</td>
<td>Intro. to American</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Semester Total</td>
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<td>16</td>
</tr>
</tbody>
</table>

Sophomore Year 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 or Foreign Language ................................................................................. 3
- SOCI 3210 Sociological Research .......................................................................... 3
- Semester Total .................................................................................................. 15

Junior Year 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

Senior Year Credit Hours
- Upper-Division American Government Course .................................................... 3
- Minor Requirement or Elective .............................................................................. 3
- PSCI Elective ........................................................................................................ 3
- Foreign Language or PHIL 2030 ........................................................................... 3
- Semester Total .................................................................................................. 16

Total Credit Hours Required for Degree .............................................................. 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: crumleyml@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, global economic policies, U.S. foreign policy, world cultures, global and environmental concerns, and international law and organization.

Although International Affairs majors take most of their courses in political science, they may also 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.
East Tennessee State University

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 2100 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
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 4320 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 4000/5000 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
PUBL 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 minor, please contact Dr. Michael Crowley at (423) 439-6629 or crowleym@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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTL 2000</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>INTL 4000</td>
<td>International Studies Senior Seminar</td>
</tr>
</tbody>
</table>

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. Six hours of electives in one or two departments, to form a coherent and logical program of study.

Example:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTL 2000</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>JAPN 3015</td>
<td>Japanese Conversation and Composition I</td>
</tr>
<tr>
<td>JAPN 3025</td>
<td>Japanese Conversation and Composition II</td>
</tr>
<tr>
<td>HIST 1020</td>
<td>World History and Civilizations Since 1500</td>
</tr>
<tr>
<td>HIST 3020</td>
<td>Minority and Ethnic History</td>
</tr>
<tr>
<td>HIST 3740</td>
<td>History of Asia</td>
</tr>
<tr>
<td>PSCI 3010</td>
<td>Chinese Politics</td>
</tr>
<tr>
<td>INTL 4000</td>
<td>International Studies Senior Seminar</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTL 2000</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>GERM 2010</td>
<td>Second Year German I</td>
</tr>
<tr>
<td>GERM 2020</td>
<td>Second Year German II</td>
</tr>
<tr>
<td>GEGO 1013</td>
<td>Introduction to World Regional Geography</td>
</tr>
<tr>
<td>HIST 2340</td>
<td>Modern Europe</td>
</tr>
<tr>
<td>PSCI 3800</td>
<td>European Politics</td>
</tr>
<tr>
<td>GEGO 4307</td>
<td>Regional Geography</td>
</tr>
<tr>
<td>INTL 4000</td>
<td>International Studies Senior Seminar</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTL 2000</td>
<td>Introduction to International Studies</td>
</tr>
<tr>
<td>SPAN 2010</td>
<td>Second Year Spanish I</td>
</tr>
<tr>
<td>PSCI 3830</td>
<td>Government and Politics of Latin America</td>
</tr>
<tr>
<td>SPAN 4117</td>
<td>Hispanic Cinema</td>
</tr>
<tr>
<td>GEGO 4307</td>
<td>Regional Geography: Latin America</td>
</tr>
<tr>
<td>HIST 4730</td>
<td>Latin America: Revolution and Nationalism</td>
</tr>
<tr>
<td>SOAA 3700</td>
<td>Peoples and Cultures of Latin America</td>
</tr>
<tr>
<td>INTL 4000</td>
<td>International Studies Senior Seminar</td>
</tr>
</tbody>
</table>

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 3121 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  
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 postgraduate 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

B.S. Requirements .................................................. 6 credit hours
MATH 1530 or 1910 ........................................................................ 3
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) .................................... 2-4

*May count toward general education requirements.
**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 2550 Behavior Analysis ................................................... 3
PSYC 3600 Cognition ................................................................. 3
PSYC 4317 Perception ................................................................. 3

And must take the following zero credit course six times:
PSYC 2020 ............................................................................... 0

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

B.A. Requirements .................................................. 6 Credit Hours
Select MATH 1530, 1840, or 1910 ................................................. 3
Foreign Language ....................................................................... 3

*May count toward general education requirements.

One course of Non-United States History .................................. 3

General Education ................................................................. 41-42
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.
** Satisfies TBR General Education Core Requirements.
*** Included within program requirements.

Behavioral Neuroscience Concentration:
PSYC 4407 Psychopharmacology ................................................ 3
PSYC 4707/17 Advanced Behavioral Neuroscience .................. 3

Additional Allied Requirements for Behavioral Neuroscience:
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 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.

Web Address: www.etsu.edu/cas/psychology

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Recommended Allied Courses for Behavioral Neuroscience*:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1110/11</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHEM 1111/21</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>HSCI 3030</td>
<td>Biochemistry</td>
</tr>
</tbody>
</table>

Cognitive Science Concentration:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3460</td>
<td>The Cognitive Growth of Infants &amp; Children</td>
</tr>
<tr>
<td>PSYC 3600</td>
<td>Cognition</td>
</tr>
<tr>
<td>PSYC 4407</td>
<td>Psychopharmacology</td>
</tr>
</tbody>
</table>

Additional Allied Requirements for Cognitive Science:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL 3010</td>
<td>History of Ancient Philosophy</td>
</tr>
<tr>
<td>PHIL 3030</td>
<td>History of Modern Philosophy</td>
</tr>
<tr>
<td>PHIL 3050</td>
<td>Symbolic Logic</td>
</tr>
</tbody>
</table>

Take one of the following:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1010/11</td>
<td>Biology for Non-majors I*</td>
</tr>
<tr>
<td>BIOL 1020/21</td>
<td>Biology for Non-majors II*</td>
</tr>
<tr>
<td>BIOL 1110/11</td>
<td>Biology for Science Majors I*</td>
</tr>
<tr>
<td>BIOL 1120/21</td>
<td>Biology for Science Majors II*</td>
</tr>
</tbody>
</table>

Take four of the following courses**:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDS 4060</td>
<td>Language Development</td>
</tr>
<tr>
<td>ENGL 3100</td>
<td>Introduction to Linguistics</td>
</tr>
<tr>
<td>ENGL 4120</td>
<td>Descriptive Linguistics</td>
</tr>
<tr>
<td>ENGL 4130</td>
<td>Social &amp; Psychological Aspects of Language</td>
</tr>
<tr>
<td>PHIL 3170</td>
<td>Philosophy of Mind</td>
</tr>
<tr>
<td>PHIL 4087</td>
<td>Topics in Analytical Philosophy</td>
</tr>
</tbody>
</table>

Take one of the following child-oriented courses:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3470</td>
<td>Psychosocial Growth of Infants &amp; Children</td>
</tr>
<tr>
<td>PSYC 4607</td>
<td>Child Psychopathology</td>
</tr>
</tbody>
</table>

Take two of the following applied courses*:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3500</td>
<td>Ecopsychology</td>
</tr>
<tr>
<td>PSYC 3700</td>
<td>Health Psychology</td>
</tr>
<tr>
<td>PSYC 4407</td>
<td>Psychopharmacology</td>
</tr>
<tr>
<td>PSYC 4807</td>
<td>Forensic Psychology</td>
</tr>
</tbody>
</table>

Additional Allied Requirements for Clinical Psychological Science:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCI 1020</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOCI 2000</td>
<td>Marriage and the Family</td>
</tr>
<tr>
<td>SOCI 2020</td>
<td>Social Problems</td>
</tr>
<tr>
<td>SPOH 3350</td>
<td>Interpersonal Communication</td>
</tr>
</tbody>
</table>

Take one of the following:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1110/11</td>
<td>Biology for Science Majors I*</td>
</tr>
<tr>
<td>BIOL 1120/21</td>
<td>Biology for Science Majors II*</td>
</tr>
</tbody>
</table>

Take three of the following*:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOAA 3800</td>
<td>Religion, Society, and Culture</td>
</tr>
<tr>
<td>SOAA 4627</td>
<td>Ethnographic Fieldwork</td>
</tr>
<tr>
<td>SOCI 3030</td>
<td>Gender and Society</td>
</tr>
<tr>
<td>SOCI 3060</td>
<td>Medical Sociology</td>
</tr>
<tr>
<td>SOCI 3300</td>
<td>Deviant Behavior</td>
</tr>
<tr>
<td>SOCI 3310</td>
<td>Criminology</td>
</tr>
<tr>
<td>SOCI 3320</td>
<td>Juvenile Delinquency</td>
</tr>
<tr>
<td>SOCI 4057</td>
<td>Community Sociology</td>
</tr>
<tr>
<td>SOCI 4257</td>
<td>Power, Wealth, and Poverty</td>
</tr>
</tbody>
</table>

* May count toward general education requirements or electives.
** May count toward general education requirements or electives.

Clinical Psychological Science Concentration:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 4817</td>
<td>Introduction to Psychological Testing</td>
</tr>
</tbody>
</table>

Take one of the following child-oriented courses:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3470</td>
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<tr>
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<td>Child Psychopathology</td>
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Take two of the following applied courses*:  
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<td>Forensic Psychology</td>
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</tbody>
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Additional Allied Requirements for Clinical Psychological Science:  
<table>
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</tr>
</thead>
<tbody>
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<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOCI 2000</td>
<td>Marriage and the Family</td>
</tr>
<tr>
<td>SOCI 2020</td>
<td>Social Problems</td>
</tr>
<tr>
<td>SPOH 3350</td>
<td>Interpersonal Communication</td>
</tr>
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Take one of the following:  
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<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Biology for Science Majors II*</td>
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Take three of the following*:  
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<tr>
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<tr>
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<td>Community Sociology</td>
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<td>SOCI 4257</td>
<td>Power, Wealth, and Poverty</td>
</tr>
</tbody>
</table>

* May count toward general education requirements or electives.
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Additional Allied Requirements for Child Psychological Science:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIDS 4060</td>
<td>Language Development**</td>
</tr>
<tr>
<td>SOCI 3320</td>
<td>Juvenile Delinquency</td>
</tr>
<tr>
<td>ECEED 2110</td>
<td>Infant/Toddler/Child Development</td>
</tr>
<tr>
<td>ECEED 2150</td>
<td>Foundations of Early Childhood</td>
</tr>
<tr>
<td>ECEED 4010</td>
<td>Observing and Assessing Young Children</td>
</tr>
<tr>
<td>ECEED 4517</td>
<td>Family, Community, and School Involvement</td>
</tr>
<tr>
<td>ECEED 4140</td>
<td>Program Development for Young Children</td>
</tr>
</tbody>
</table>

Take one of the following:  
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECEED 3150</td>
<td>Creative Development of Young Children</td>
</tr>
<tr>
<td>HDAL 4127</td>
<td>Divorce: Causes and Consequences</td>
</tr>
</tbody>
</table>

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
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1310</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>PSYC 2000</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>PSYC 3100</td>
<td>Elementary Statistics</td>
</tr>
<tr>
<td>PSYC 3200, 3201</td>
<td>Principles of Psychological Research</td>
</tr>
</tbody>
</table>

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

Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>Critical Reading and Expository Writing</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>The United States to 1877</td>
</tr>
</tbody>
</table>

Semester Total ..................................................... 15
The Religious Studies Minor is a 21-credit hour interdisciplinary program for students interested in critical and philosophical issues for students interested in the historical, social, scientific, and philosophical courses from the departments of History, Sociology and Anthropology, of study hosted by the Philosophy Department, and including faculty and Dr. Keith Green, Director.

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.

ENG/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 programatically emphasizes acceptance of difference

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

* 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.

East Tennessee State University
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-politico-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 B.S.W. Program 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>Communication: Oral Communication*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2010/11</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010/11</td>
<td>The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2020</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 10/101, 10/2021, 11/1011, or</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 1020</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>PSYC 1310</td>
<td>Introduction to Psychology</td>
<td>3</td>
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</tbody>
</table>

*See the General Education Core Requirements for updates.

Social Work Major Requirements .................. 48 Credit Hours

<table>
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<tbody>
<tr>
<td>SOWK 1010</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 1020</td>
<td>Professional Values and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 1030</td>
<td>Cultural Diversity</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 2550</td>
<td>Interviewing and Recording Skills</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 3010</td>
<td>Human Behavior/Social Environment I</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 3010</td>
<td>Human Behavior/Social Environment II</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 3430</td>
<td>Social Welfare Policy and Services</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 4210</td>
<td>School Work Research</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 4310</td>
<td>Social Work Practice I</td>
<td>4</td>
</tr>
<tr>
<td>SOWK 4320</td>
<td>Social Work Practice II</td>
<td>4</td>
</tr>
<tr>
<td>SOWK 4453</td>
<td>Social Work Field Practicum</td>
<td>16</td>
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</table>

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

Suggested Course Sequence

Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>SOWK 1010</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOWK 1020</td>
<td>Professional Values and Ethics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENGL 1010</td>
<td>Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOCI 1020</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
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Second Semester

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<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOWK 1010</td>
<td>Cultural Diversity</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1010/11</td>
<td>Introduction to Medical/Life Span Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 1310</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 1100</td>
<td>Using Information Technology</td>
<td>3</td>
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<td>Semester Total</td>
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Sophomore Year

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<tr>
<td>HIST 2010</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>SOWK 3450</td>
<td>Social Welfare Policy and Services</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 1300, 2300, or 2320</td>
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Junior Year

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SOWK 3010</td>
<td>Human Behavior I</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 3010</td>
<td>Human Behavior II</td>
<td>3</td>
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<tr>
<td>Humanities/Fine Arts</td>
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<td>3</td>
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<td>Electives</td>
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Second Semester

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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>SOWK 4310</td>
<td>Social Work Practice I</td>
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<tr>
<td>SOWK 4320</td>
<td>Social Work Practice II</td>
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<tr>
<td>Electives</td>
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Senior Year

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<tr>
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<tr>
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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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SOWK 1010</td>
<td>Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 1020</td>
<td>Professional Values and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 1030</td>
<td>Cultural Diversity</td>
<td>3</td>
</tr>
</tbody>
</table>

2010-2011 Undergraduate Catalog
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
SOCI 3350 Social Statistics ............................................ 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.

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) .................... *
* See the 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
SOCI 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 outside the Foreign Language Department/Placement policy at http://www.etsu.edu/cas/laneng/student/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

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 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 Southern United States .................. 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/arts_linguistics/foreignlanguage/placement)

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.
Women's Studies Major

Box 70262
Phone: (423) 439-5990

Web address: www.etsu.edu/cas/comm/wsp.default.aspx

**Dr. Darryl Haley**
106 Burleson 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.

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**Women's Studies Major Requirements** ................................ 36 Credit Hours

**Concentration Requirements** ........................................ 18-24 Credit Hours
**Electives** ........................................................................ 10-16 Credit Hours
**Minor** ............................................................................. 18-24 Credit Hours

**Writing-intensive Courses:**
ENGL 4100 Writing in the Professions
ENGL 4857 Technical Writing
ENGL 4290 Film Genres: Women in Film
ENGL 4057 Writing: Theory and Teaching
ENGL 4290 Film Genres: Women in Film
ENGL 4100 Writing in the Professions
ENGL 4857 Technical Writing

**Oral Communication-intensive Courses:**
ENGL 1010 Critical Reading and Expository Writing
ENGL 1020 Critical Thinking and Argumentation
ENGL 1010 Critical Reading and Expository Writing
ENGL 1020 Critical Thinking and Argumentation

**Special Courses (9 semester credits):**
- ENGL 4957 Topics in English: Grant Writing
- ENGL 4957 Topics in English: Advanced Expository Writing
- ENGL 4957 Topics in English: Writing for Business/Government

**Additional Special Topics:**
- ENGL 4957 Topics in English: Grant Writing
- ENGL 4957 Topics in English: Advanced Expository Writing
- ENGL 4957 Topics in English: Writing for Business/Government

**Possible Additional Course Offerings:** Additional special topics courses may be offered as electives for this minor.

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**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.*
Women's Studies Minor Requirements ........... 21 Credit Hours

WMST 2010 Introduction to Women's Studies ................. 3

and either

WMST 2020 Women in Global Perspective ...................... 3
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 Diversity1 ........ 3
PSYC 3300 Psychology of Women ..................... 3
SOCI 3030 Gender and Society ......................... 3
SOWK 1530 Cultural Diversity1 ......................... 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 (max of two) 3
Other approved special topics courses 3

1 Students can count either ENGL 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 authors, themes, 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.

Bachelor of Arts Degree in Women's Studies

Suggested Course Sequence for the Bachelor of Arts Degree in Women's Studies

Fall 1
ENGL 1010 Critical Reading and Expository Writing .......... 3
MATH 1350 Probability and Statistics .......................... 3
SPCH 1010 Oral Communication .............................. 3
WMST 2010 Introduction to Women's Studies ............. 3
Semester Total .................................................. 15

Spring 1
ENGL 2010 Critical Thinking/Argumentation .................. 3
HIST 2020 The United States Since 1777 .................... 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 1777 .................... 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
Women's Studies History Elective ............................ 3
Women's Studies Cultural Production 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 ........................................ 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

1 Students can count either ENGL 2340 (“Understanding Cultural Diversity”) or SOWK 1030 (“Cultural Diversity”) toward the minor, but not both.

1 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 authors/dramatists, 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.

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2010-2011 Undergraduate Catalog

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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.

Aplicants 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

1. 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:
   a. The student must have attained a minimum overall grade point average of 2.5.
   b. 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
   c. 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
   d. 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.

2. 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 transfers 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

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<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
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<td>Communication: Oral Communication</td>
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<td>MATH 1530</td>
<td>Probability &amp; Statistics-Non-Calculus</td>
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<td>NATS 1010</td>
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<td>ECON 2210</td>
<td>Principles of Economics I</td>
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<td>SOC 1010</td>
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<td>MGMT 3000</td>
<td>Organizational Behavior &amp; Management</td>
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<td>MGMT 3050</td>
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<td>MGMT 3010</td>
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<td>MGMT 3220**</td>
<td>Management Information Systems</td>
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<td>MGMT 4910</td>
<td>Policy and Strategy Formulation</td>
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</table>

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       |

MGMT 3000    | Organizational Behavior & Management                     | 3       |

MGT 3050     | Decision Science                                        | 3       |

MGT 3310     | Legal Environment Business                               | 3       |

MKTG 3200    | Principles of Marketing                                  | 3       |

FINC 3200    | Business Finance                                        | 3       |

MGT 3010     | Production and Operations Management                     | 3       |

MGT 3220**   | Management Information Systems                           | 3       |

MGT 4910     | Policy and Strategy Formulation                          | 3       |

Major Total ................................................................................ 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

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<tr>
<td>HUMS 1010</td>
<td>Humanities</td>
<td>3</td>
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<tr>
<td>ECON 2210</td>
<td>Principles of Economics I</td>
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Semester Total ........................................................................ 16

Second Semester

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<td>ENGL 1010</td>
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<td>MATH 1530</td>
<td>Probability &amp; Statistics-Non-Calculus</td>
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<tr>
<td>HIST 2010</td>
<td>The United States to 1877</td>
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<tr>
<td>HIST 2020</td>
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</tr>
<tr>
<td>LITR 1010</td>
<td>Literature</td>
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<td>COMM 1070</td>
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Semester Total ........................................................................ 16

Sophomore Year

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<td>SOC 1010</td>
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</table>

Semester Total ........................................................................ 15

2010-2011 Undergraduate Catalog
### Business Intensive Courses

At the present time the following business courses have been designated as intensive courses to meet university general education requirements. Writing-Intensive (WI) courses are Accountancy 3000 and 4610; Economics 4447 and 4610; Finance 4447, 4520, 4560, 4597, 4617 and 4620; Management 3300, 3320, 4657, and 4910; Marketing 3750 and 4910. Oral Communication-Intensive (OCI) courses are Accountancy 3000; Economics 3700; Finance 4617 and 4620; Management 3200, 4020, 4030, and 4460; Marketing 3740. Using Information Technology (UIT) courses are Accountancy 4310; Economics 2080; and Management 3220. An updated listing of intensive courses and requirements is available in the College of Business and Technology, Office of Undergraduate Studies, Sam Wilson Hall or call (423) 439-5275.

### Department of Accountancy (ACCT)

**Second Semester**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
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<td>ECON 2080</td>
<td>Quantitative Methods II</td>
<td>3</td>
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<tr>
<td>ECON 2220</td>
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**Junior Year**

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<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Business Core, Major, and Non-Business Elective courses</td>
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### Senior Year**

<table>
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<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>MGMT 490X Policy &amp; Strategy</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>120</strong></td>
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</table>

**Note:** Students who anticipate working part time or full time should reduce their class loads accordingly. Actual class loads per semester may vary as long as a minimum total of 120 credit hours is completed for graduation. While the above is not a required sequence, it is strongly recommended in order to avoid scheduling problems due to course prerequisites.

### Graduation Requirements

- **Accountancy Majors/Minors** must have a grade of C or better in each accounting course.

### Department of Economics and Finance (ECON)/(FNCE)

**P.O. Box 70686**  
**227 Sam Wilson Hall**  
**Phone:** (423) 439-4202  
**Web address:** [http://etsu.edu/cbat/efus/](http://etsu.edu/cbat/efus/)

The mission of the Department of Economics and Finance is to provide students with the high-quality educational experience necessary to succeed in a competitive global environment. To accomplish this mission, we offer both business and non-business degree programs.

Students can earn a Bachelor of Business Administration (B.B.A.) degree in either economics or finance. The strength of the Economics B.B.A. program is a concentration in Business Economics. Students who choose this degree path will have an in-depth study of economics to complement the requirements of a traditional business program. A graduate with a Business Economics concentration is well-prepared for employment at all levels of business, government, and the not-for-profit sector. A concentration in General Business is also available for those students who desire a more broad-based education in business.

Students who are interested in Finance can earn a B.B.A. degree with concentrations in Banking, Corporate Finance and Investments, or Real Estate. Each of these concentrations offers the student a program of study that leads to a traditional career path in his or her chosen field. The students in the finance program have been especially successful in actively managing a portfolio of funds provided by the Tennessee Valley Authority. This real-life course is available to all well-prepared finance students. All finance students also have the opportunity to work with a team of students and present a case analysis of current challenges in business finance.

For students who prefer not to study in a traditional business program, the department offers a non-business Bachelor of Arts (B.A.) degree in economics. Students who aspire to an international career will particularly benefit from our concentration in International Commerce. This program combines coursework in traditional economics with business, geo-politics, and foreign language to prepare students for a host of career possibilities in government and multinational corporations. As a complement, the department has also established close ties with cooperating universities in Europe and encourages students to participate in the university’s foreign study exchange programs.

### Economics Major

**Bachelor of Business Administration Degree**

**Concentration I – Business Economics .......... 27 Credit Hours**

**Basic Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 3310</td>
<td>Monetary Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 4337</td>
<td>Government Finance &amp; Public Choice</td>
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</tr>
<tr>
<td>ECON 4610</td>
<td>Managerial Economics</td>
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</tr>
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</table>

**Specific Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECON 3030</td>
<td>Microeconomics: Theories of Business Behavior</td>
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<tr>
<td>ECON 3040</td>
<td>Macroeconomics: Analysis &amp; Policy</td>
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**Select three courses from the following .......... 9**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECON 3700</td>
<td>History of Economic Concepts</td>
<td>3</td>
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<tr>
<td>ECON 4327</td>
<td>Labor Economics</td>
<td>3</td>
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<tr>
<td>ECON 4447</td>
<td>Urban and Regional Economics</td>
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**Concentration II – Economics ........... 27 Credit Hours**

**Basic Requirements:**

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<th>Course Code</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 3310</td>
<td>Monetary Economics</td>
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</tr>
<tr>
<td>ECON 4337</td>
<td>Government Finance &amp; Public Choice</td>
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</tr>
<tr>
<td>ECON 4610</td>
<td>Managerial Economics</td>
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**Specific Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ECON 3030</td>
<td>Microeconomics: Theories of Business Behavior</td>
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</tr>
<tr>
<td>ECON 3040</td>
<td>Macroeconomics: Analysis &amp; Policy</td>
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</table>

**Select three courses from the following .......... 9**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 3700</td>
<td>History of Economic Concepts</td>
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<tr>
<td>ECON 4327</td>
<td>Labor Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 4447</td>
<td>Urban and Regional Economics</td>
<td>3</td>
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</tbody>
</table>
Economics (B.A.) are:

Administration degree (B.B.A.) and the Bachelor of Arts degree in degree. The most significant differences between the Bachelor of Business

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

Electives ................................................................................. 9 Credit Hours

Total Hours Required for Degree ...................... 120 Credit Hours

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

(Minor in Business and Finance) or (College of Business and Technology)

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 1100 or HIST 1190 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 2800 Quantitative Methods for Business II .............. 3
ECON 2200 Principles of Economics II ...................... 3
ECON 3030 Microeconomics: Theory 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

ECON 3700 History of Economic Concepts

Electives ................................................................. 15 Credit Hours

Suggested Course Sequence

Freshman Year

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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<td>Natural Science</td>
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<td>Social/Behavioral Sciences</td>
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<tr>
<td>MATH 1530</td>
<td>3</td>
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<td>Humanities/Fine Arts/Literature</td>
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Second Semester

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<td>Natural Science</td>
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<td>Social/Behavioral Sciences</td>
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<td>Communication: Oral Communication</td>
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Sophomore Year

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Second Semester

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Junior Year

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<td>ECON 3700</td>
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</table>
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

ENG 1010 Critical Reading and Expository Writing ............... 3
ENG 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

(See College of Arts and Sciences B.A. and B.S. Degree Requirements; consult the Foreign Language Department's placement policy at: http://www.edu.etsu.edu/foreign_at_etsu)

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 credits hours of the Humanities/Fine Arts requirement. Otherwise, additional coursework is required to fulfill both requirements. This course 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

International Commerce Requirement ............... 12 Credit Hours

ACCT 2010 Principles of Accounting I ......................... 3
PSCI 3310 International Relations ............................... 3
MKTG 3220 Business Finance ........................................ 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 ........................................... 3
ECON 3040 Macroeconomics .......................................... 3
ECON 3700 History of Economic Concepts .................... 3
ECON 4317 Health Care Economics ............................ 3
ECON 4327 Labor Economics ......................................... 3
ECON 4337 Government Finance and Public Choice .......... 3
ECON 4447 Urban and Regional Economics ................... 3
ECON 4527 International Economics ......................... 3
ECON 4610 Managerial Economics ............................. 3

General Business Minor*

General Business Minor Requirements ................. 21 Credit Hours

ACCT 2010 Principles of Accounting I** ......................... 3
ACCT 2020 Principles of Accounting II** ...................... 3
FNCE 3300 Principles of Investments ............................. 3
ECON 2220 Principles of Economics II** ....................... 3
ECON 2240 Principles of Economics III* ....................... 3
MKTG 4710 International Marketing .............................. 3
MGMT 3000 Organizational Behavior & Management .......... 3
MGMT 3310 Legal Environment of Business .................... 3
MKTG 3202 Consumer Behavior .................................... 3

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 .................................... 3
ECON 4610 Managerial Economics ............................. 3
ECON 4630 Real Estate Finance ...................................... 3
FNCE 4447 Banking and Financial Intermediation ............. 3
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 prior to enrollment.
Concentration II – Banking ........................................ 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:

- 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 or

Other upper division College of Business and Technology electives.*

Concentration III – Real Estate ...................................... 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:

- 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 or

Other upper division College of Business and Technology electives.*

Finance Minor Requirements ......................................... 18 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 Management ......................... 24 Credit Hours

Basic Requirements:

- MGMT 4020 Organizational Theory and Development .......... 3
- MGMT 4030 Current Management Systems ....................... 3

Concentration II –
Logistics/Supply Chain Management ............ 24 Credit Hours

Basic Requirements:

- MGMT 4020 Organizational Theory & Development .......... 3
- MGMT 4030 Current Management Systems ....................... 3

Specific Requirements:

- MKTG 3310 Business Logistics ................................. 3
- MKTG 4317 Materials Management ............................ 3
- MKTG 3650 Supply Chain Management ......................... 3

Select three courses from: ................................. 9

- MKTG 3357 CIM Applications
- MKTG 3660 Project Management
- MKTG 4217 Service Operations Management
- MGMT 3310 Business Logistics or
- MKTG 4317 Materials Management or
- MGMT 3650 Supply Chain Management or

Other upper division College of Business and Technology electives.

(Month electives may be tailored into focus areas to fit the specific educational needs of the student.)

* These electives must be approved by the chair of the Department of Management and Marketing prior to enrollment.

Concentration III – Legal Studies .................... 24 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

- MKTG 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 Management ...... 24 Credit Hours

Basic Requirements:

- MGMT 4020 Organizational Theory & Development .......... 3
- MGMT 4030 Current Management Systems ....................... 3

Specific Requirements:

- MGMT 4510 Human Resources Management .................... 3

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 3310 Business Logistics or

East Tennessee State University
2010-2011 Undergraduate Catalog
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 Requirements:
MKTG 3740 Sales Force Management ........................................... 3
Select one course from: ............................................................. 3
MKTG 4217 Health Care Marketing ........................................... 3
MKTG 4710 International Marketing ........................................... 3
Select one course from: ............................................................. 3
MKTG 3210 Fundamentals of Distribution ........................................... 3
MKTG 3310 Business Logistics ........................................... 3
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 MARKETG 4905 Marketing Internship ........................................... 3
Note: Students in the Merchandising Concentration will not have the elective requirements stated above.

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 core concentration and specific concentration 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.
6. 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)

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 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

**MATH 1920 Calculus II** ........................................................................4
**MATH 1910 Calculus I** ........................................................................4
**CSCI 1260 Introduction to Computer Science I** ............................................ 4
**CSCI 1250 Introduction to Computer Science II** .......................................... 4
**CSCI 2150 Computer Organization** .......................................................... 4
**CSCI 2160 Assembly Language** .................................................................. 3
**CSCI 2210 Data Structures** ......................................................................... 3
**CSCI 2230 File Processing** ........................................................................... 3
**CSCI 4717 Computer Architecture** ............................................................. 3
**CSCI 4727 Operating Systems** .................................................................... 3

Four Major Electives* .................................................................................. 12

**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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication: Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 1510 Student in University</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 2150 Computer Organization</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1020 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 1900 Math for Computer Science</td>
<td>3</td>
</tr>
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</table>

| Semester Total | 15 |

Sophomore Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSCI 1260 Introduction to Computer Science II</td>
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<tr>
<td>CSCI 2150 Computer Organization</td>
<td>4</td>
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<tr>
<td>MATH 1910 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
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</table>

| Semester Total | 15 |

Junior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 2230 File Processing</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 3400 Network Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2010 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
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</table>

| Semester Total | 16 |

Senior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CSCI 4717 Computer Architecture</td>
<td>3</td>
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<tr>
<td>CSCI Major Elective</td>
<td>3</td>
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<tr>
<td>CSCI Major Elective</td>
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</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

| 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 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

**MATH 1920 Calculus II** ........................................................................4
**MATH 1910 Calculus I** ........................................................................4
**CSCI 1260 Introduction to Computer Science I** ............................................ 4
**CSCI 1250 Introduction to Computer Science II** .......................................... 4
**CSCI 2150 Computer Organization** .......................................................... 4
**CSCI 2160 Assembly Language** .................................................................. 4
**CSCI 2210 Data Structures** ......................................................................... 4
**CSCI 2230 File Processing** ........................................................................... 4
**CSCI 4717 Computer Architecture** ............................................................. 4
**CSCI 4727 Operating Systems** .................................................................... 4

Four Major Electives* .................................................................................. 12

**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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Communication: Oral Communication</td>
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<tr>
<td>CSCI 1260 Introduction to Computer Science I</td>
<td>3</td>
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<tr>
<td>ENGL 1020 Critical Reading and Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 1900 Math for Computer Science</td>
<td>3</td>
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</table>

| Semester Total | 15 |

Sophomore Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSCI 1260 Introduction to Computer Science II</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 2150 Computer Organization</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1910 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

| Semester Total | 15 |

Junior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 2230 File Processing</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 3400 Network Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2010 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

| Semester Total | 16 |

Senior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 4717 Computer Architecture</td>
<td>3</td>
</tr>
<tr>
<td>CSCI Major Elective</td>
<td>3</td>
</tr>
<tr>
<td>CSCI Major Elective</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
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| Semester Total | 14 |

Total ......................................................................................... 124
# Computer Science Common Core 22 Credit Hours

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<td>CSCI 1510</td>
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<tr>
<td>CSCI 2020</td>
<td>Fundamentals of Database</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 2150</td>
<td>Computer Organization</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 3250</td>
<td>Software Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 3350</td>
<td>Software Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 3400</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
</tbody>
</table>

* For first semester freshmen only. If not taken or passed, another approved CSCI elective must be taken in its place.

# Natural Science Sequence - Two courses of same science sequence (See note above with TBR General Education Requirements)* **

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MATH 1530</td>
<td>Probability &amp; Statistics</td>
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</tr>
<tr>
<td>CSCI 1900</td>
<td>Math for Computer Science</td>
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</tr>
</tbody>
</table>

* Satisfies TBR General Education Core Requirements.
** See TBR General Education Core Requirements for options.

# Information Systems Emphasis 18 Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSCI 1250</td>
<td>Introduction to Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 1260</td>
<td>Introduction to Computer Science II</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 1710</td>
<td>WWW - Design &amp; Creation</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 2210</td>
<td>Introduction to UNIX</td>
<td>1</td>
</tr>
<tr>
<td>CSCI 2210</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 2910</td>
<td>Client &amp; Server Side Programming</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 4227</td>
<td>Advanced Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4417</td>
<td>System Administration</td>
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<tr>
<td>Electives</td>
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</table>

# First Semester Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CSCI 1250</td>
<td>Introduction to Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 1260</td>
<td>Introduction to Computer Science II</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 2210</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>4</td>
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# Second Semester Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSCI 2210</td>
<td>Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 2910</td>
<td>Client &amp; Server Side Programming</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 4227</td>
<td>Advanced Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 4417</td>
<td>System Administration</td>
<td>3</td>
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</table>

# Senior Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 4417</td>
<td>System Administration</td>
<td>3</td>
</tr>
<tr>
<td>CSCI/Majors Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Course from ACCT or MGMT minor</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
<td>3</td>
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</table>

# Bachelor of Science Degree (B.S.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CSCI 4300</td>
<td>Fundamentals of Database</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 2150</td>
<td>Computer Organization</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 3250</td>
<td>Software Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 3350</td>
<td>Software Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CSCI 3400</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

* See TBR General Education Core Requirements for options.
** Any 2-semester science sequence listed in the General Education Core Requirements except those for non-sci 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 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.
### Five Major Electives for Information Technology Emphasis

(Complete General Emphasis or Web Emphasis.)

#### General Emphasis

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCI 4127 Database Advanced Topics</td>
<td>3</td>
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<tr>
<td>Guided Major Electives*</td>
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</tbody>
</table>

*See Information Technology Electives at the end of this section. At least two (2) must be CSCI electives and one (1) at the 3XXX/4XXX level.

#### Web Emphasis

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSCI 3110 Advanced Topics in Web Development</td>
<td>3</td>
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<tr>
<td>Guided Major Electives*</td>
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*See Information Technology Electives at the end of this section. At least one (1) must be CSCI elective and one (1) at the 3XXX/4XXX level.

### Electives

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<td>CSCI 2910 Client and Server Side Program</td>
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<td>CSCI 4217 Ethical Issues in Computing</td>
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<td>CSCI 4417 System Administration</td>
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*See Information Technology Electives at the end of this section. At least one (1) must be CSCI elective and one (1) at the 3XXX/4XXX level.

### Suggested Course Sequence

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<td>CSCI 2910 Client &amp; Server Side Prog.</td>
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<td>HIST 2050 The United States Since 1877</td>
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* General Emphasis will replace with Guided Elective.

#### Senior Year

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### Information Technology Minor Track

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<td>CSCI 2210 Data Structures</td>
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<tr>
<td>CSCI 2800 Visual Programming - Adv Concepts</td>
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<tr>
<td>CSCI 2910 Client &amp; Server Side Programming</td>
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<td>CSCI 1100, 1101, and 1510 may not be included</td>
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*Note: A C or better in all minor courses is required.

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**Department of Engineering Technology, Surveying, and Digital Media**

Box 70552  Phone: (423) 439-7813

e-mail: 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 in technical communication 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 commercial 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
- Construction Engineering Technology
- Electronics Engineering Tech.
- Industrial Technology
- Manufacturing Engineering Tech.
- Product Development

**Concentrations**

- Biomedical Engineering Tech.
- Construction Engineering Technology
- Electronics Engineering Tech.
- Industrial Technology
- Manufacturing Engineering Tech.
- Product Development

**Interior Design**

- Digital Media
- Digital Animation
- Digital Interaction
- Digital Visualization

**Surveying and Mapping Science**

**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 technical 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.
3. 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.

4. 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 an 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

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<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
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<td>Communication: Oral Communication*</td>
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<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
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<td>HIST 2020</td>
<td>The United States Since 1877</td>
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<td>PHYS 2010/11</td>
<td>General Physics Lecture/Lab</td>
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<td>CHEM 1100/11</td>
<td>General Chemistry I Lecture/Lab</td>
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<td>Fine Arts*</td>
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* See TBR General Education Core Requirements for options.

Technology Core Requirements .................... 19 Credit Hours

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<td>ENTC 4017</td>
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<td>ENTC 4060</td>
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<td>ENTC 4600</td>
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Biomedical Engineering

Concentration Requirements ..................... 68 Credit Hours

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<td>ENTC 2330</td>
<td>Network Systems</td>
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<td>Circuit Analysis</td>
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Total Hours Required for Degree ......... 128 Credit Hours

Suggested Course Sequence

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Sophomore Year

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Junior Year

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Senior Year

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TBR General Education Core Requirements .... 41 Credit Hours

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<td>HIST 2010 The United States to 1877</td>
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<td>HIST 2020 The United States Since 1877</td>
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<tr>
<td>PHYS 2010/11 General Physics I Lecture/Lab</td>
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<td>CHEM 1110/11 General Chemistry I Lecture/Lab</td>
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<tr>
<td>GEOL 1040 Physical Geology</td>
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<td>Literature*</td>
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<td>ENTC 3020 Technology and Society</td>
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<td>PSYC 1310 Introduction to Psychology</td>
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<td>Social/Behavioral Sciences*</td>
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* See TBR General Education Core Requirements

Technology Core Requirements ................. 19 Credit Hours

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Construction Engineering Requirements ............... 68 Credit Hours

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<td>ENTC 2420 Residential &amp; Commercial Planning</td>
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<td>ENTC 2440 Mechanical Systems</td>
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<td>ENTC 3010 Statics &amp; Strength of Materials</td>
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<tr>
<td>ENTC 3400 Construction Materials</td>
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<td>ENTC 3410 Construction Estimating</td>
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<td>ENTC 3420 Advanced Construction Estimating</td>
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<td>ENTC 3430 Materials &amp; Methods I</td>
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<tr>
<td>ENTC 3620 Thermal &amp; Fluid Technologies</td>
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<td>ENTC 3650 Applied Electricity- Electronics</td>
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<td>ENTC 4417 Construction Financing &amp; Admin.</td>
<td>3</td>
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<tr>
<td>ENTC 4777 Safety Management</td>
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<td>SURV 2550 Surveying Measurement Fundamentals</td>
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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)

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.

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

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<td>ENTC 3410 Construction Fundamentals, F,S .................................................. 3</td>
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<td>ECON 2210 Principles of Economics I, ........................................................................ 3</td>
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<td>ENGL 1010 Critical Reading and Expository Writing, ...................................... 3</td>
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Sophomore Year

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<td>First Semester</td>
<td>ENTC 4060 Project Scheduling, F,S, ........................................................................ 4</td>
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<td>ENTC 4417 Construction Finance Admin., F,S .................................................. 3</td>
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<td>ENTC 2410 Construction Fundamentals, .................................................. 4</td>
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<td>ENTC 2420 Residential &amp; Commercial Planning, ............................................ 4</td>
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Junior Year

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<td>ENTC 4017 Industrial Supervision, F,S ........................................................................ 3</td>
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<td>ENTC 4777 Safety Management, .................................................................................. 3</td>
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Senior Year

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Total 128

1 F,S,Sum represents 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 specialists 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.

2010-2011 Undergraduate Catalog
East Tennessee State University

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

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<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
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<td>MATH 1530</td>
<td>Probability and Statistics</td>
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<td>Circuits I</td>
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<td>Physics II</td>
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*See TBR General Education Core Requirements.

### Technology Core Requirements...19 Credit Hours

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<td>ENTC 4017</td>
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<td>ENTC 4060</td>
<td>Project Scheduling</td>
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<td>ENTC 4600</td>
<td>Technology Practicum or</td>
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<td>ENTC 3989</td>
<td>Co-op Education</td>
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### Additional Requirements...68 Credit Hours

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<td>Electronic Principles</td>
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<td>Electronics Digital Circuits</td>
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<td>ENTC 4037</td>
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Electronics Electives: 11

Select from the following: ENTC 3340, ENTC 3350, ENTC 4227, ENTC 4390, PHYS 3310, MATH 2010

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<td>ENTC 4277, ENTC 4287, ENTC 4237</td>
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### General: Choose 11 credit hours from courses listed above.

### Total Hours Required for Degree...128 Credit Hours

**Suggested Course Sequence Freshman Year**

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<td>ENGL 1000</td>
<td>Critical Thinking</td>
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**Second Semester**

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<td>Analytical Geometry/Diff. Calculus</td>
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**Second Semester**

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<td>ENTC 3380</td>
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<td>ENTC 4037</td>
<td>Quality Assurance I</td>
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<td>ENTC 4000</td>
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<td>HIST 2220</td>
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**Senior Year**

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<td>ENTC 4060</td>
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**Total**

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### 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)

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 .......................................4
PHYS 2010/11 General Physics Lecture/Lab .............................4
SPCH 2300 Public Speaking ....................................................4

Semester Total ........................................................................ 14

Second Semester Credit Hours

ENTC 2170 Machine Tool Technology .................................. 4
MATH 1530 Probability and Statistics .......................................3
PHYS 2010/11 General Physics Lecture/Lab .............................4
SPCH 2300 Public Speaking ....................................................4

Semester Total ........................................................................ 17

Junior Year

First Semester Credit Hours

ENTC 3600 Technical Communication ................................... 3
ENTC 4000 Quality Assurance ..................................................3
CSCI 1710 World Wide Web -Design & Creation ..................4
MATH 1720 Pre-Calculus .........................................................3

Semester Total ........................................................................ 16

Second Semester Credit Hours

ENTC 3600 Technical Communication ................................... 3
ENTC 4000 Quality Assurance ..................................................3
CSCI 1710 World Wide Web -Design & Creation ..................4
MATH 1720 Pre-Calculus .........................................................3

Semester Total ........................................................................ 16

Senior Year

First Semester Credit Hours

ENTC 4227 Engineering Economy ............................................3
ENTC 4837 CIM Applications ...................................................3
ENTC 4999 Technical Elective ..................................................3
MGMT 3000 Organizational Management ...............................3

Semester Total ........................................................................ 16

Second Semester Credit Hours

ENTC 4227 Engineering Economy ............................................3
ENTC 4837 CIM Applications ...................................................3
ENTC 4999 Technical Elective ..................................................3
MGMT 3000 Organizational Management ...............................3

Semester Total ........................................................................ 16

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.
East Tennessee State University

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

Technology Core Requirements .............................. 19 Credit Hours
ENTC 1510 Student in University ......................................... 2
ENTC 2170 CADD ....................................................... 4
ENTC 3030 Technical Communication ............................. 4
ENTC 4017 Industrial Supervision ...................................... 3
ENTC 4060 Project Scheduling ......................................... 3
ENTC 4910 Technology Practicum ..................................... 3

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
MATH 1840 Analytical Geo. & Diff. Calculus .................... 3
MATH 1910 and MATH 1920 will satisfy the MATH 1840/50 sequence.
PHYS 2020/21 Gen. Physics II Lecture/Lab ....................... 4
CHEM 1110/11 General Chemistry I Lecture/Lab ............. 4

Specialty Sequence Requirements ........................... 29 Credit Hours
Electives .................................................................. 4-2 Credit Hours
Total Hours Required for Degree ..................... 128 Credit Hours

Suggested Course Sequence Freshman Year

First Semester
ENGL 1090 Critical Reading and Expository Writing ............. 3
ENTC 1120 Manufacturing Processes and Specification ....... 3
Communication: Oral Communication ................................ 3
Semester Total ......................................................... 14

Second Semester
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
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 ....................... 4
MATH 1860 Integral Calculus for Technology ................... 4
Semester Total ......................................................... 18

Second Semester
ENTC 3030 Technical Communication ............................. 3
ENTC 3710 Manual CNC Programming ............................. 3
ENTC 4357 CIM Applications .......................................... 3
PHYS 2020/21 Gen. Physics II Lecture/Lab ....................... 4
Semester Total ......................................................... 16

Junior Year

First Semester
ENTC 3020 Technology & Society .................................... 3
CSCI 2100 Introduction to “C” ........................................ 4
Specialty Courses ................................................... 6
Science .................................................................... 3
Semester Total ......................................................... 16

Second Semester
ENTC 4017 Industrial Supervision ...................................... 3
Specialty Courses ................................................... 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.

For details regarding specific block requirements and course selection, see the General Education Requirement section of this catalog.

MATH 1840, 1850, 1910, or 1920 may satisfy the General Education Math Requirement.

Computers Education (ENTC 4899, 4999) may be substituted for ENTC 4860 and/or ENTC 3860.

MATH 1910 and MATH 1920 will satisfy the MATH 1840/50 sequence.

Moh 1210/21 or HCOS 1010/11 may be substituted for PHYS 2010/21.

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 manufacturing areas.

INTD 1115 may be substituted for ENTC 2160 for students taking INTD 2110.
Manufacturing and Materials Area ............... 13-14 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 3
CHEM 1110/11 General Chemistry I Lecture/Lab 3
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

Technical Support Courses ................................. 21 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

Specialty Sequences Requirements 6 ................ 27 Credit Hours
(Choose either both above or one below)

Electronics/Communications Area.............. 15-16 Credit Hours
ENTC 4337 Microprocessors 4
ENTC 3340 Electrical Machinery 3
ENTC 4357 CIM Applications 3
Elective (advisor approved) 3

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 Specialty course ........................................... 4
DIGM 1110 Visual Thinking 4

Electives .................................................................................... 2

Suggested Course Sequence ................................. 128 Credit Hours

Freshman Year
First Semester Credit Hours
ENGL 1010 Critical Reading and Expository Writing 3
ENTC 1510 Student in University 1
MATH 2170 CADD 4
PHYS 2010/21 General Physics II - Lecture/Lab 4
CHEM 1110/11 General Chemistry I Lecture/Lab 3
Elective (advisor approved) 4

Second Semester Credit Hours
ENGL 1020 Critical Thinking and Exposition 3
ENTC 2200 Machine Tool Technology 4
ENTC 1510 Student in University 2
ENGL 1020 Critical Thinking and Exposition 3
ENTC 2200 Machine Tool Technology 4
ENTC 1510 Student in University 2

Sophomore Year
First Semester Credit Hours
PSYC 1310 Introduction to Psychology 3
ENTC 3020 Technology and Society 3
ECON 2210 Principles of Economics, Part I 3
PHYS 2020/21 General Physics II - Lecture/Lab 4
CHEM 1110/11 General Chemistry II Lecture/Lab 3
SPCH 2000 Public Speaking 3

Second Semester Credit Hours
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3
ENTC 1600 Woodworking Technology 3
ENTC 4277 Instrumentation and Process Control 4
ENTC 4287 Introduction to Robotics 4

Junior Year
First Semester Credit Hours
ENTC 4170 Industrial Supervision 3
HIST 2020 U. S. History since 1877 3
ENGL 1020 Critical Thinking and Exposition 3
ENTC 4170 Industrial Supervision 3
HIST 2020 U. S. History since 1877 3
ENTC 4170 Industrial Supervision 3

Second Semester Credit Hours
ECON 2210 Principles of Economics, Part I 3
ENTC 3020 Technology and Society 3
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3

Senior Year
First Semester Credit Hours
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3

Second Semester Credit Hours
ECON 2210 Principles of Economics, Part I 3
ACC 2101 Introduction to Accounting 3
ENTC 4600 Technology Practicum 4
ENTC 3020 Technology and Society 3

Minimum Product Development Program
Total Credit Hours ................................. 128

*See TBR General Education Core Requirements.
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

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<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
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Physics 2010/11 General Physics I Lecture/Lab ............... 4

Natural Sciences* (for science majors courses only) ......... 4

History 2010 The United States to 1877 .......................... 3

History 2020 The United States Since 1877 ....................... 3

Literature* ..................................................................... 3

Fine Arts* ..................................................................... 3

Entertainment Technology and Society ............................. 3

Social/Behavioral Sciences* .......................................... 6

Digital Media Core Requirements .................... 38 Credit Hours

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<td>ARTA 1201</td>
<td>Drawing Fundamentals</td>
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<td>ARTA 2120</td>
<td>Basic Figure Drawing</td>
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<tr>
<td>DIGM 2870</td>
<td>Animation Fundamentals</td>
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<td>THEA 2510</td>
<td>Acting I</td>
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<tr>
<td>DIGM 2900</td>
<td>Motion Tools I: Editing</td>
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<td>DIGM 3130</td>
<td>3D Animation</td>
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<tr>
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Digital Media Animation Concentration

Requirements ................................................. 37 Credit Hours

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<td>Basic Figure Drawing</td>
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<tr>
<td>DIGM 2870</td>
<td>Animation Fundamentals</td>
<td>4</td>
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<tr>
<td>THEA 2510</td>
<td>Acting I</td>
<td>3</td>
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<tr>
<td>DIGM 2900</td>
<td>Motion Tools I: Editing</td>
<td>4</td>
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<tr>
<td>DIGM 3130</td>
<td>3D Animation</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 4146/4147</td>
<td>Fund of Character Animation &amp; Lab</td>
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Choose one of the following:

DIHM 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 4864/4867 Advanced Animation & Lab or DIGM 4957 Special Topics in Digital Media: Digital Media Production .......................... 4

Digital Media Interaction Concentration

Guided Electives ............................................. 4 Credit Hours

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<tr>
<td>DIGM 3130</td>
<td>3D Lighting &amp; Rendering</td>
<td>4</td>
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<tr>
<td>DIGM 3200</td>
<td>Web Design</td>
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<tr>
<td>DIGM 3300</td>
<td>Product Design</td>
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<td>DIGM 3400</td>
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<td>DIGM 4646/4647</td>
<td>Advanced Animation &amp; Lab</td>
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<td>3D Effects Animation &amp; Lab</td>
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<td>DIGM 4826/4827</td>
<td>Motion Tools III: Application &amp; Lab</td>
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<td>DIGM 4886/4887</td>
<td>Technical Direction for Animation &amp; Lab</td>
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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 Media Interaction Concentration

Requirements ................................................. 27 Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>CSCI 1800</td>
<td>Visual Programming I</td>
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<td>DIGM 2821</td>
<td>Desktop Publishing</td>
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<td>DIGM 2900</td>
<td>Motion Tools II: Editing</td>
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<tr>
<td>ARTA 3401</td>
<td>Typography</td>
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<tr>
<td>DIGM 3200</td>
<td>Web Design</td>
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<td>DIGM 3400</td>
<td>Interactive Design</td>
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<td>DIGM 4400</td>
<td>Interactive Development</td>
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Digital Visualization Concentration

<table>
<thead>
<tr>
<th>Guided Electives</th>
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<tr>
<td>DIGM 2870</td>
<td>Animation Fundamentals</td>
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<tr>
<td>DIGM 3130</td>
<td>3D Animation</td>
</tr>
<tr>
<td>DIGM 4146/4147</td>
<td>Fund. of Character Animation &amp; Lab</td>
</tr>
<tr>
<td>DIGM 4616/4617</td>
<td>Adv. Raster-Based Imaging &amp; Lab</td>
</tr>
<tr>
<td>DIGM 4626/4627</td>
<td>Motion Tools II: Compositing &amp; Lab</td>
</tr>
<tr>
<td>DIGM 4636/4637</td>
<td>Advanced Interaction Design &amp; Lab</td>
</tr>
<tr>
<td>DIGM 4856/4857</td>
<td>Advanced Web Design &amp; Lab</td>
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<tr>
<td>DIGM 4826/4827</td>
<td>Motion Tools III: Application &amp; Lab</td>
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<tr>
<td>DIGM 4900</td>
<td>Independent Study</td>
</tr>
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<td>DIGM 4957</td>
<td>Topics in Digital Media</td>
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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

<table>
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<tr>
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<tbody>
<tr>
<td>Requirements</td>
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<tr>
<td>ARTA 1201 Drawing Fundamentals</td>
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<td>ENTC 2170 CADD (Computer Aided Design Drafting)</td>
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Digital Visualization Concentration

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<td>Animation Fundamentals</td>
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<td>DIGM 2900</td>
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<td>DIGM 3120</td>
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<td>3-D Animation</td>
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<td>DIGM 3200</td>
<td>Web Design</td>
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<td>Product Design</td>
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<tr>
<td>DIGM 3400</td>
<td>Interaction Design</td>
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<td>DIGM 4146/4147</td>
<td>Fund. of Character Animation &amp; Lab</td>
</tr>
<tr>
<td>DIGM 4400</td>
<td>Interactive Development</td>
</tr>
<tr>
<td>DIGM 4616/4617</td>
<td>Advanced Raster-Based Imaging &amp; Lab</td>
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<tr>
<td>DIGM 4626/4627</td>
<td>Motion Tools II: Compositing &amp; Lab</td>
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<td>DIGM 4636/4637</td>
<td>Advanced Interaction Design &amp; Lab</td>
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<td>DIGM 4646/4647</td>
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<td>DIGM 4666/4667</td>
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<td>DIGM 4816/4817</td>
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<tr>
<td>DIGM 4876/4877</td>
<td>Advanced Modeling &amp; Lighting &amp; Lab</td>
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<tr>
<td>DIGM 4886/4887</td>
<td>Technical Direction for Animation &amp; Lab</td>
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<td>DIGM 4900</td>
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<tr>
<td>DIGM 4957</td>
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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

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<tr>
<th>Freshman Year</th>
<th>Suggested Course Sequence</th>
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<td>Critical Thinking and Expository Writing</td>
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<td>ARTA 1110</td>
<td>2-D Design</td>
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<td>DIGM 1100</td>
<td>Visual Thinking</td>
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<td>HIST 2010</td>
<td>The United States to 1877</td>
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<td>Credit Hours</td>
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<tr>
<td>ENGL 1020</td>
<td>Critical Thinking and Expository Writing</td>
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<tr>
<td>MATH 1720</td>
<td>Pre-Calculus</td>
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<tr>
<td>ARTA 1204</td>
<td>Color Theory</td>
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<tr>
<td>DIGM 1640</td>
<td>Vector-Based Imaging</td>
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Sophomore Year

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<tr>
<td>DIGM 3010</td>
<td>Principles of Visualization</td>
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<td>HIST 2020</td>
<td>The United States Since 1877</td>
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<td>PHYS 2010/11</td>
<td>General Physics I/Lecture/Lab</td>
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<tr>
<td>ARTA 1201</td>
<td>Drawing Fundamentals</td>
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<tr>
<td>Second Semester</td>
<td>Credit Hours</td>
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<tr>
<td>DIGM 3000</td>
<td>Principles of Interaction</td>
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<tr>
<td>DIGM 2870</td>
<td>Animation Fundamentals</td>
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<td>ENTC 3320</td>
<td>Technology &amp; Society</td>
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<td>Literature or Fine Arts</td>
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Junior Year

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<th>First Semester</th>
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<tbody>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
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<tr>
<td>DIGM 3200</td>
<td>3D Animation</td>
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<tr>
<td>DIGM 3110</td>
<td>3D Model Design</td>
</tr>
<tr>
<td>DIGM 3130</td>
<td>3D Lighting and Rendering</td>
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<td>Semester Total</td>
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<tr>
<td>Second Semester</td>
<td>Credit Hours</td>
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<tr>
<td>THEA 2510</td>
<td>Acting I</td>
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<td>DIGM 4146/4147</td>
<td>Fundamentals of Character Animation and Lab</td>
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<tr>
<td>Natural Sciences (for science majors courses only)</td>
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<td>Social/Behavioral Sciences</td>
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<tr>
<td>Oral Communication</td>
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Senior Year

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<td>Social/Behavioral Sciences</td>
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<tr>
<td>DIGM 3000</td>
<td>Motion Tools I</td>
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<tr>
<td>DIGM 4816/4817</td>
<td>3D Effects Animation and Lab</td>
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<tr>
<td>DIGM 4886/4887</td>
<td>Technical Direction for Animation and Lab</td>
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<td>Semester Total</td>
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<tr>
<td>Second Semester</td>
<td>Credit Hours</td>
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<td>DIGM 4000</td>
<td>Portfolio Development for Digital Media</td>
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2010-2011 Undergraduate Catalog

East Tennessee State University
<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>First Semester</td>
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<tr>
<td>ENGL 1010 Critical Reading and Expository Writing</td>
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<tr>
<td>ENTC 1510 Student in University</td>
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<tr>
<td>ARTA 1110 2-D Design</td>
<td>3</td>
</tr>
<tr>
<td>DIGM 1100 Visual Thinking</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010 The United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Semester Total</td>
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| Second Semester | 15 |
| DIGM 1100 Visual Thinking | 3 |
| MATH 1720 Pre-Calculus | 3 |
| ARTA 1215 Color Theory | 3 |
| DIGM 1510 Graphical Design | 3 |
| Literature/Fine Arts | 3 |
| Semester Total | 15 |

| Junior Year | 14 |
| First Semester | 14 |
| MATH 1530 Probability and Statistics | 3 |
| Oral Communication | 3 |
| ENTC 3000 Technical Communication | 3 |
| ARTA 1215 Drawing Fundamentals | 3 |
| DIGM 3110 3D Model Design | 4 |
| Semester Total | 16 |

| Second Semester | 16 |
| Natural Sciences (for science majors only) | 4 |
| Social/Behavioral Sciences | 3 |
| Guided Electives | 8 |
| Semester Total | 16 |

| Senior Year | 15 |
| First Semester | 15 |
| Social/Behavioral Sciences | 3 |
| Guided Electives | 12 |
| Semester Total | 15 |

| Second Semester | 14 |
| DIGM 4600 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DIGM 1100 Visual Thinking</td>
<td>4</td>
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<tr>
<td>DIGM 1640 Vector-Based Imaging</td>
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<tr>
<td>DIGM 1650 Raster-Based Imaging</td>
<td>4</td>
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</table>

**Choose one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DIGM 3000 Principles of Interaction</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3010 Principles of Visualization</td>
<td>4</td>
</tr>
<tr>
<td>Guided Electives</td>
<td>4</td>
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</tbody>
</table>

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):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGM 2821 Desktop Publishing</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 2870 Animation Fundamentals</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DIGM 2900 Motion Tools I: Editing</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3110 3D Model Design</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3120 3D Lighting and Rendering</td>
<td>4</td>
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<tr>
<td>DIGM 3130 3D Animation</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3210 Web Design</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3300 Product Design</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 3400 Interactive Design</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 4146/4147 Fund. of Character Animation &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>DIGM 4400 Interactive Development</td>
<td>4</td>
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<tr>
<td>DIGM 4616/4617 Advanced Raster-Based Imaging &amp; Lab</td>
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<td>DIGM 4626/4627 Motion Tools II: Compositing &amp; Lab</td>
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<tr>
<td>DIGM 4816/4817 3D Effects Animation &amp; Lab</td>
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<td>DIGM 4826/4827 Motion Tools III: Application &amp; Lab</td>
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<tr>
<td>DIGM 4886/4887 Technical Direction &amp; Lab</td>
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</table>

**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**

**Total Hours Required for Degree**

**120 Credit Hours**
Students at graduation will have:
1. will have received progressive experience or increased professional opportunities;
2. will obtain a position of management in a firm that conducts professional surveys;
3. will be in the major field of study.

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;
5. 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 educational 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 lifelong 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.

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.
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.

TBR General Education Requirements

Survey Core Requirements

Surveying and Mapping Science Major (SURM)

Bachelor of Science Degree (B.S.)

East Tennessee State University
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
SURV 4630 Surveying Hydrology II ......................... 4
GEOG 4217 Introduction to GIS ............................... 3
ENTC 3989 Co-op .................................................. 1
Total ........................................................................ 22

**Sequence #2: GEOSPATIAL SEQUENCE**
SURV 4517 Photogrammetry .................................. 4
SURV 4517 Introduction to GIS ............................... 3
CSCI 2100 Introduction to C++ ............................... 3
SURV 4617 Digital Image Process ............................ 3
GEOG 3210 Cartography ......................................... 3
MATH 2010 Linear Algebra ..................................... 3
FMCE 3130 Real Estate Law .................................... 3
PHYS 2010/11 General Physics I Lecture/Lab ............ 4
First Semester Credit Hours................................. 16-17

**Sequence #3: SURVEYING BUSINESS SEQUENCE**
ACCT 2010 Principles of Accounting ....................... 3
FINC 3220 Business Finance .................................. 3
MGMT 3000 Organizational Behavior and Management 3
MGMT 4420 Law of Business Organizations ............ 3
GEOL 4840 Introduction to Geology ................. 3-4
MATH 1920 Calculus II .......................................... 4
MATH 2050 Calculus III ........................................ 4
SURV 4550 Automated Surveying & Mapping .......... 3
Second Semester Credit Hours ......................... 12-13

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**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<td>MATH 1910</td>
<td>Calculus I</td>
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<td>SURV 2500</td>
<td>Survey Graphics</td>
<td>3</td>
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<tr>
<td>PSYC 1300</td>
<td>Introduction to Psychology</td>
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<td>ENTC 1530</td>
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<td>MATH 1920</td>
<td>Calculus II</td>
<td>4</td>
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<tr>
<td>SURV 2500</td>
<td>Survey Measurement Fundamentals</td>
<td>3</td>
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<tr>
<td>Communication: Oral Communication</td>
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<td>GEOL 1000</td>
<td>Physical Geology</td>
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<td>Survey Measurement &amp; Comp. Analysis</td>
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<td>SURV 3960</td>
<td>Surveying Systems</td>
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<td>SURV 1006</td>
<td>Introduction to Surveying</td>
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<td>PHYS 2010</td>
<td>General Physics I Lecture/Lab</td>
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<td>HIST 1010</td>
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<td>SURV 3650</td>
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<tr>
<td>SURV 3950</td>
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<tr>
<td>ECON 2210</td>
<td>Principles of Economics</td>
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<td>Surveying Hydrology I</td>
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<td>SURV 4630</td>
<td>Surveying Hydrology II</td>
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<tr>
<td>GEOG 4217</td>
<td>Introduction to GIS</td>
<td>3</td>
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<td>ENTC 3989</td>
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<tr>
<td>SURV 3650</td>
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<td>16-17</td>
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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 contract cadets 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

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 of the College of Clinical and Rehabilitative Health Sciences

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>Concentrations</th>
<th>Degrees</th>
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<tbody>
<tr>
<td>Allied Health Sciences</td>
<td>ASLC</td>
<td>AHLD, CPSC, RADG, NTFD, DHYG</td>
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<tr>
<td>Audiology and Speech-Language Pathology</td>
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<tr>
<td>Physical Therapy</td>
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<td>PHYT</td>
<td>D.P.T.</td>
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</table>

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/chs/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.

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 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 who 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 cardiology 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.

**TBR General Education Requirements**

- **ENGL 1010** Critical Reading & Expository Writing .................. 3
- **ENGL 1020** Critical Thinking & Argumentation .................. 3
- **Communication: Oral Communication** .................. 3

**Mathematics** ........................................................................... 3-4

**Radiography Concentration** ............................................ 51 Credit Hours

**Cardiopulmonary Science Concentration** .................. 51 Credit Hours

**Note:** These prerequisite courses are included in the General Education and Allied Health core.
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 credit hours than normally transfer to a four-year institution. This 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 credit hours than normally transfer to a four-year institution.

The Allied Health Leadership concentration requires a minimum of 120 credit hours. Students interested in this format should contact the department.

**Cardiopulmonary Science Concentration (CPSC)**

 Accredited by: Committee on Accreditation for Respiratory Care (CoARC) 1248 Harwood Rd., Bedford, TX 76021-4244 (817) 283-2835

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 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<tr>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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</tr>
<tr>
<td>Communication: Oral Communication*</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>3-4</td>
</tr>
<tr>
<td>HSCI 2010/11 Anatomy and Physiology I Lecture/Lab</td>
<td>4</td>
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<tr>
<td>HSCI 2020/21 Anatomy and Physiology II Lecture/Lab</td>
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### Allied Health Core 28 Credit Hours

<table>
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<tr>
<td>PUBH 4607 Gerontology</td>
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<tr>
<td>PHYS 1030 Introduction to Physics Survey</td>
<td>4</td>
</tr>
<tr>
<td>CPSC 4150 Clinical Education III</td>
<td>3</td>
</tr>
<tr>
<td>CPSC 3350 Clinical Education II</td>
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<tr>
<td>CPSC 3150 Clinical Education I</td>
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<td>Literature*</td>
<td>3</td>
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<tr>
<td>Fine Arts*</td>
<td>3</td>
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<td>Humanities*</td>
<td>3</td>
</tr>
<tr>
<td>Social and Behavioral Sciences*</td>
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### Professional Curriculum Cardiopulmonary Science 51 Credit Hours

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CPSC 3000 Foundations of CPSC</td>
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<td>CPSC 3010 Foundations of CPSC Laboratory</td>
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<td>CPSC 3040 Pharmacology in CPSC</td>
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<td>CPSC 3100 CPSC Critical Care</td>
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<td>CPSC 3110 CPSC Critical Care Laboratory</td>
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<tr>
<td>CPSC 3140 CPSC Disease Pathology</td>
<td>3</td>
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<tr>
<td>CPSC 3150 Clinical Education I</td>
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<td>CPSC 3350 Clinical Education II</td>
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<tr>
<td>CPSC 3550 Patient Centered Practice</td>
<td>3</td>
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<tr>
<td>CPSC 4100 Advanced CPSC Critical Care</td>
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<tr>
<td>CPSC 4150 Clinical Education III</td>
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<td>CPSC 4200 Neonatal &amp; Pediatric CPSC</td>
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<td>CPSC 4350 Clinical Education IV</td>
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<td>CPSC 4500 CPSC Diagnostic &amp; Therapeutic Care</td>
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<td>PHYS 1030 Introduction to Physics Survey</td>
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<td>PUBH 4607 Gerontology</td>
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Total Hours Required for Degree 120 Credit Hours

### Suggested Course Sequence Freshman Year

#### First Semester

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<tr>
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<td>Mathematics</td>
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<td>*HSCI 2010/11 Anatomy &amp; Physiology I Lecture/Lab</td>
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<tr>
<td>Social and Behavioral Sciences Elective</td>
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#### Second Semester

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<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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<tr>
<td>*HSCI 2020/21 Anatomy &amp; Physiology II Lecture/Lab</td>
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<tr>
<td>PUBH 2010 Health Care Systems</td>
<td>3</td>
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<td>Social/Behavioral Sciences Elective</td>
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### Sophomore Year

#### First Semester

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<tr>
<td>HIST 2010 The United States to 1877</td>
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<tr>
<td>*HSCI 2230/31 Introduction to Microbiology Lecture &amp; Lab</td>
<td>4</td>
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<tr>
<td>*CHEM 1030 Introduction to Chemistry Survey</td>
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<tr>
<td>*ALHE 2010 Introduction to Allied Health</td>
<td>2</td>
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<tr>
<td>Humanities/Fine Arts Elective</td>
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#### Second Semester

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<tr>
<td>HIST 2020 The United States Since 1877</td>
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<tr>
<td>*PHYS 1010 Introduction to Physics Survey</td>
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<tr>
<td>Humanities/Fine Arts Elective</td>
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### Junior Year

#### First Semester

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<tbody>
<tr>
<td>CPSC 3000 Foundations of Cardiopulmonary Science</td>
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<tr>
<td>CPSC 3010 Foundations of Cardiopulmonary Science Laboratory</td>
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<tr>
<td>CPSC 3040 Pharmacology in Cardiopulmonary Science</td>
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<tr>
<td>Communication: Oral Communication*</td>
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#### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CPSC 3100 Cardiopulmonary Critical Care</td>
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<tr>
<td>CPSC 3110 Cardiopulmonary Critical Care Lab</td>
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<tr>
<td>CPSC 3150 Clinical Education I</td>
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<tr>
<td>Humanities/Fine Arts Elective</td>
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#### Summer Semester

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<tr>
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<tr>
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<td>CPSC 3200 Clinical Education II</td>
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<td>CPSC 3550 Patient Centered Practice</td>
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### Senior Year

#### First Semester

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CPSC 4100 Advanced Cardiopulmonary Critical Care</td>
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<tr>
<td>CPSC 4150 Clinical Education III</td>
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<tr>
<td>CPSC 4500 Cardiopulmonary Diagnostic &amp; Therapeutic Care</td>
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<tr>
<td>ALHE 4060 Research in Allied Health</td>
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<td>ENVS 2030 Allied Health Law</td>
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#### Second Semester

<table>
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<tbody>
<tr>
<td>CPSC 4200 Neonatal &amp; Pediatric Cardiopulmonary Care</td>
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<td>CPSC 4300 Clinical Education IV</td>
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<td>ALHE 4070 Leadership in Allied Health</td>
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<td>PUBH 4607 Gerontology</td>
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* 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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<td>Communication: Oral Communication*</td>
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<td>Mathematics*</td>
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<td>HSCI 2010/11 Anatomy and Physiology I Lecture/Lab</td>
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For more information, please refer to the 2010-2011 Undergraduate Catalog.
Radiography Concentration ............................... 51 Credit Hours

Professional Curriculum

Radiotherapy Concentration ............................... 51 Credit Hours

First Semester

<table>
<thead>
<tr>
<th>Course</th>
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<td>CHEM 1030 Introduction to Chemistry Survey</td>
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<td>HSCI 2230/31 Introduction to Microbiology</td>
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<td>PUBH 2303 First Aid &amp; Emergency Care</td>
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<td>PUBH 2110 Health Care Systems</td>
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</tr>
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<td>ALHE 2010 Introduction to Allied Health</td>
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<td>ALHE 2020 Patient Care &amp; Assessment</td>
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Second Semester

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Total Credit Hours

*Prerequisite courses must be completed prior to being accepted into the Radiography Concentration.

Suggested Course Sequence

Freshman Year

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<thead>
<tr>
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<td>ENGL 1010 Critical Reading and Expository Writing</td>
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<tr>
<td>PUBH 2000 Health Care Systems</td>
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<tr>
<td>ALHE 2010 Introduction to Allied Health</td>
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<tr>
<td>ALHE 2020 Patient Care &amp; Assessment</td>
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<tr>
<td>ALHE 4060 Research in Allied Health</td>
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<td>ENVH 3030 Allied Health Law</td>
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Second Semester

<table>
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<td>PSYC 1350 Introduction to Psychology</td>
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Sophomore Year

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<td>PUBH 2110 Health Care Systems</td>
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<td>*HSCI 2220 Introduction to Microbiology Lecture &amp; Lab</td>
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<tr>
<td>HSCI 2020/21 Anatomy &amp; Physiology II Lecture &amp; Lab</td>
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<td>*ALHE 1050 Introduction to Allied Health</td>
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<td>Humanities/Fine Arts Elective</td>
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Junior Year

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<td>RADT 3020/21 Radiographic Procedures I Lecture &amp; Lab</td>
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<td>RADT 3400 Clinical Education I</td>
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<td>ALHE 4070 Leadership in Allied Health</td>
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Second Semester

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<td>RADT 3000 Image Production &amp; Evaluation</td>
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Summer

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<tr>
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<tr>
<td>RADT 4000 Clinical Education II</td>
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</table>

Total Credit Hours

* Prerequisite courses must be completed prior to being accepted into the Radiography Concentration.

East Tennessee State University

Dental Hygiene Concentration (DHYG)

Box 70690
Johnson City, TN 37614

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/crhs/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 website 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 rigor 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.

<table>
<thead>
<tr>
<th>TBR General Education Requirements</th>
<th>41-42 Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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<tr>
<td>Mathematics*</td>
<td>3-4</td>
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<tr>
<td>HSCI 2010/11 Anatomy and Physiology I Lecture/Lab</td>
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<td>HIST 2010 The United States to 1877</td>
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<td>HIST 2020 The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Literature*</td>
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<td>Fine Arts*</td>
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<td>Humanities*</td>
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<tr>
<td>Social and Behavioral Sciences*</td>
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*See General Education Core Requirements.

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<td>DHYG 2020 Dental Anatomy &amp; Histology</td>
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<tr>
<td>DHYG 2040 Dental Office Emergencies</td>
<td>2</td>
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<tr>
<td>DHYG 2030 Pre-Clinical Lecture</td>
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<tr>
<td>DHYG 2031 Pre-Clinical Lab</td>
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<tr>
<td>DHYG 2050 Occupational Safety for Dental Hygienists</td>
<td>1</td>
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<tr>
<td>DHYG 2060 Introduction to Dental Hygiene</td>
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<tr>
<td>DHYG 2130 Clinical Seminar I</td>
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<tr>
<td>DHYG 2131 Clinical Practice I</td>
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<tr>
<td>DHYG 2160 Periodontology</td>
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<tr>
<td>DHYG 2170 Dental Radiology</td>
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<td>DHYG 3010 Head &amp; Neck Anatomy</td>
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<td>DHYG 3020 General &amp; Oral Pathology</td>
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<td>DHYG 3031 Clinical Practice II</td>
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<td>DHYG 3110 Dental Materials</td>
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<td>DHYG 3111 Dental Materials Lab</td>
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<td>DHYG 3120 Pharmacology</td>
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<td>DHYG 3130 Community Dental Health</td>
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<td>DHYG 3200 Issues in Dental Hygiene</td>
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<td>DHYG 4031 Local Anesthesia Lab</td>
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**Additional Requirements | 11 Credit Hours |
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<tbody>
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<td>HSCI 2230 Introduction to Microbiology</td>
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<td>CHEM 1530 Introduction to Chemistry Survey</td>
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<tr>
<td>NTFD 2420 Principles of Nutrition</td>
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**Total Hours Required for Degree | 120 Credit Hours**

<table>
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<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<td>MATH 1550 Probability and Statistics</td>
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<td>HSCI 2010/11 Anatomy &amp; Physiology I Lecture and Lab</td>
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<tbody>
<tr>
<td>ENGL 1020 Critical Thinking and Argumentation</td>
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<tr>
<td>PSYC 1310 Introduction to Psychology</td>
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<table>
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<td>NTFD 2420 Principles of Nutrition</td>
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<td>ENGL Literature Elective</td>
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<td>DHYG 2020 Dental Anatomy and Histology</td>
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<td>DHYG 2030 Pre-Clinical Lecture</td>
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<td>DHYG 2031 Pre-Clinical Lab</td>
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<td>DHYG 2040 Dental Office Emergencies</td>
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<td>DHYG 2050 Occupational Safety for Dental Healthcare Workers</td>
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<td>DHYG 2131 Clinical Practice I</td>
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<td>DHYG 2160 Periodontology</td>
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<td>DHYG 2170 Dental Radiology</td>
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<td>DHYG 2171 Dental Radiology Lab</td>
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<td>DHYG 3030 General and Oral Pathology</td>
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</table>
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 degree of science 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 Examination 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.

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.

Core Requirements ........................................................................ 25 Credit Hours

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<th>Course</th>
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Core Requirements ........................................................................ 54 Credit Hours

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<td>MGMT 4510</td>
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</tbody>
</table>

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

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**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**

<table>
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<tr>
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<td>CDIS 4030</td>
<td>Language Development ................................3</td>
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<td>CDIS 4037/5037</td>
<td>Speech &amp; Hearing Anatomy &amp; Physiology ......3</td>
<td></td>
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<tr>
<td>CDIS 4200</td>
<td>The Clinical Process ................................3</td>
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</table>

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**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
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 professional organizations, and P-16 education. Professional Development 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 professional organizations, and P-16 education.

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
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.

**Bachelor of Science in Interdisciplinary Studies (B.S.I.S.)**

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 27 hours of related, advisor-approved 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 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
   - 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.

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 a minimum 2.0 prior to petitioning to earn credit for the following technical specialty courses from their AAS degree.

4. Professional Field Experience. Satisfactory completion of the Professional Field Experience (BGSD 4210) is required to graduate.

5. General Electives. Approved electives to complete 120 total hours.

Additional graduation requirements: Proficiency intensives

2. A.A.S. degree transfer hours.

3. Gateway Courses.

4. Professional Field Experience.

5. General Electives.
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

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 4708 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
Web address: http://coe.etsu.edu
Phone: (423) 439-7626

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 teaching 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 an Institutional Report that is submitted annually.

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.

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. 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 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 Admissions 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 if 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.

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)(1), “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 7-12
- 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.

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**Department of Curriculum and Instruction**

**CUAI, MEDA, READ, SCED**

Box 70684 Phone: (423) 439-7587

**Chair:** Dr. Rhona Cummings  
Phone: (423) 439-7595  
email: cummingr@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 the 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 1
- HIST 2010 The United States to 1877..............................3  
- HIST 2020 The United States Since 1877..........................3  
- Fine Arts .................................................................3  
- Humanities* ...........................................................3  
- Social/Behavioral Sciences .........................................6

**Choose one course from:**

- 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  
- *See TBR General Education Core Requirements.

**Choose one course from:**

- ECON 1050 Economics and Society
- ECON 2210 Principles of Economics I

And one from:

- PSYC 1110 Political Life
- PSYC 1120 Introduction to American Government

**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  
MATH 3370 Educational Technology ................................3  
CJAI 4310 Integrated Teaching – Mathematics ................3  
CJAI 4210 Integrated Teaching – Language Arts ..............3  
CJAI 4220 Integrated Teaching – Social Studies ...............3  
CJAI 4241 Performance Assessment in Clinical Settings ........3  
CJAI 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 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 Literacy .... 3
Children’s Literacy
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, CUAI, 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
    ENGL 1010 Critical Reading and Expository Writing .... 3
    BIOL 102011 Biology for Non-Majors Lecture & Lab I .... 4
    MATH 1520 Probability & Statistics-Non-Calculus .... 3
    HIST 2010 The United States to 1877 ................. 3
    EDPM 2100 Orientation to the Profession of Ed ....... 1
    Fine Arts .................................................................. 3
First Semester Total .................................................. 17
Second Semester
    ENGL 1020 Critical Thinking and Argumentation .... 3
    CHEM 1100 Introduction to Chemistry Survey ....... 4
    HIST 2020 The United States Since 1877 ............. 3
    SPCH 1300, 2300, or 2500 ................................. 3
    EDPM 2300 Foundations for Teaching ............... 3
    Second Semester Total ............................................. 15

Sophomore Year
First Semester
    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
First Semester Total .................................................. 16
Second Semester
    SPED 2300 Exceptional Learners ....................... 3
    Social/Behavioral Sciences ................................ 3
    MATH 1420 Logic/Problems/Geom. ..................... 3
    READ 3100 Early Literacy .................................... 3
    Major Social Studies .......................................... 3
    Second Semester Total ............................................ 15

Junior Year
First Semester
    CUAI 4241 Perf. Assessment in Clinical Settings .... 3
    READ 4026 Assessment & Enhancement of Literacy .. 3
    CUAI 4281 Exploring and Discovery Science ......... 4
    CUAI 4341 Methods and Materials in Curriculum Instruction ... 9
    CUAI 4382 Research Methods in Curriculum Instruction .... 6
First Semester Total .................................................. 15
Second Semester
    CUAI 4200 Student Teaching ................................ 12
Second 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 (CUAI 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 will 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.

2010-2011 Undergraduate Catalog
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

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
Mathematics* ……… 3-4
Natural Sciences* ……… 8
HIST 2010 The United States 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.

**Suggested Course Sequence**

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1530</td>
<td>3</td>
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<tr>
<td>Social/Behavioral Sciences Elective</td>
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<tr>
<td><strong>Semester Total</strong></td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1020</td>
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<tr>
<td>Science</td>
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<tr>
<td>EDFN 2100</td>
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<td>ECDF 2110</td>
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<td>ECDF 2150</td>
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<tr>
<td>Humanities</td>
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<td><strong>Semester Total</strong></td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Oral Communication Elective</td>
<td>3</td>
</tr>
<tr>
<td>EDFN 2300</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010</td>
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<tr>
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</tr>
<tr>
<td>Elective</td>
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<tr>
<td><strong>Semester Total</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDFN 3301</td>
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</tr>
<tr>
<td>EDFN 2110</td>
<td>3</td>
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<tr>
<td>EDFN 3140</td>
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</tr>
<tr>
<td><strong>Semester Total</strong></td>
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</tr>
</tbody>
</table>

**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.

**Concentration in Early Childhood Education (ECED)**

<table>
<thead>
<tr>
<th>Education (ECED)</th>
<th>28 Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1410</td>
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</tr>
<tr>
<td>ECDF 3160</td>
<td>3</td>
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<tr>
<td>SPED 3322</td>
<td>3</td>
</tr>
<tr>
<td>EDFN 4130</td>
<td>3</td>
</tr>
<tr>
<td>EDFN 4161</td>
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<tr>
<td>EDFN 4580</td>
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</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Hours Required for Degree</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
</table>

**Major in Early Childhood Development ……… 27 Credit Hours**

| ECDF 2110 | 3 |
| ECDF 2150 | 3 |
| ECDF 3140 | 3 |
| ECDF 4150 | 3 |
| ECDF 4140 | 3 |
| **Total Hours Required for Degree** | **120** |

**Professional Studies ……… 24 Credit Hours**

| EDFN 2100 | 1 |
| EDFN 2300 | 2 |
| EDFN 3301 | 3 |
| HDAL 2310 | 3 |
| SPED 2300 | 3 |
| EEDF 4347 | 3 |
| EDFN 4517 | 3 |
| EDFN 4517 | 3 |
| **Total Hours Required for Degree** | **120** |
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.

### Major Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>27</td>
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</table>

#### First Semester

- **ECED 4150** Literacy in Young Children
- **ECED 4161** Curriculum Development for Young Children
- **ECED 4130** Professional Issues in Early Childhood
- **ECED 4517** Family/School/Community Involvement
- **ECED 4010** Observing and Assessing Young Children

#### Second Semester

- **ECED 4980** Student Teaching in Early Childhood

### Minor in Early Childhood Development

- **18 Credit Hours**

#### Concentration in Early Childhood (ECEG)

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>24</td>
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</tbody>
</table>

#### First Semester

- **ECED 3160** Body-Brain Based Learning
- **ECED 4257** Mentoring in Early Childhood
- **ECED 4347** Technology & Media in ECE
- **ECED 4357** Administration & Mgmt. of ECP
- **ECED 4517** Family/School/Community
- **NTFD 4537** Field Studies in Special Education
- **ECED 4570** Practicum in Early Childhood
- **SPED 3322** Early Intervention Strategies for the Exceptional Child

#### Minor Requirements

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>18-24</td>
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#### Electives

<table>
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<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>0-10</td>
</tr>
</tbody>
</table>

### Total Hours Required for Degree

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>120</td>
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</tbody>
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### 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

   a. African and African American Studies
   b. Anthropology
   c. Appalachian Studies
   d. Applied Sociology
   e. Applied Spanish: Community Studies
   f. Communicative Disorders
   g. Criminal Justice and Criminology
   h. Early Childhood Development
   i. Environmental Studies
Human Services Core ........................................... 18 Credit Hours
Not all classes meet every semester.

Human Services Field Experience ........................ 6 Credit Hours

Interdisciplinary Requirements ......................... 12 Credit Hours Total

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
(Pre-requisites: PSYC 1310 and HDAL 2310 or 2320)
HDAL 4950 Research in Learning and Development ...................... 3
(Pre-requisites: PSYC 1310 and MATH 1530 or PSYC 2810)

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

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 4327 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 4837 Stress Management ...................... 3

Guided Elective .................................................. 3
Select one of the following:
PUBH 2120 School Health Education ...................... 3
ENHV 3010 Human Ecology and Environmental Education ...................... 3
SOCI 3060 Medical Sociology ...................... 3
PSYC 3700 Health Psychology ...................... 3
NTFD 3430 Community Nutrition ...................... 3
CIDS 4000 Communication Sciences and Disorders ...................... 3
PUBH 4007 Principles and Practices of Patient Education ...................... 3

Human Development Elective ...................... 3
Select one of the following:
PDES 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
- 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
- HDAL 2320 Child Psychology .................................................. 3
- HDAL 2330 Adolescent Psychology ........................................... 3
- Science .................................................................................. 4
- Elective .................................................................................. 3
- Humanities and Fine Arts ...................................................... 3
- Semester Total ........................................................................ 15

Sophomore Year

First Semester
- HDAL 2320 Child Psychology .................................................. 3
- HDAL 2330 Adolescent Psychology ........................................... 3
- Humanities and Fine Arts ...................................................... 3
- Communication: Oral Communication ..................................... 3
- Semester Total ........................................................................ 15

Second Semester
- Interdisciplinary Group Requirement for Major ................. 3
- Elective .................................................................................. 3
- Humanities and Fine Arts ...................................................... 3
- Semester Total ........................................................................ 15

Junior Year

First Semester
- Interdisciplinary Group Requirement for Major ................. 3
- Minor Requirement ................................................................. 3
- Elective .................................................................................. 3
- Semester Total ........................................................................ 13

Second Semester
- Interdisciplinary Group Requirement for Major ................. 3
- Elective .................................................................................. 3
- Minor or Elective ................................................................... 3
- Semester Total ........................................................................ 15

Senior Year

First Semester
- Interdisciplinary Group Requirement for Major ................. 3
- Minor Requirement ................................................................. 3
- Minor or Elective ................................................................... 3
- Semester Total ........................................................................ 15

Second Semester
- Interdisciplinary Group Requirement for Major ................. 3
- Guided Research Independent Study (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 4550 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 CUAI 4580 - Student Teaching (12 hours) completes the professional education requirements for licensure. Students should contact the College of Education Professional Advisor in 321 Wart-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,
- Geology, 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

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
as developed by the Clemmer College of Education. Students majoring in special education programs and representatives from community school districts.

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, discontinuance 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 courses.

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

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

**See TBR General Education Core Requirements.**
**Special Education Concentration** .................................................. 19 Credit Hours

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<tr>
<td>SPED 4750</td>
<td>Instructional &amp; Transitional Services for Education with Disabilities</td>
<td>3</td>
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<tr>
<td>SPED 3410</td>
<td>Preclinical Experience in Behavior</td>
<td>1</td>
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<tr>
<td>SPED 3445</td>
<td>Assistive Technology</td>
<td>3</td>
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<td>SPED 4477</td>
<td>Assessment in Special Education</td>
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</tr>
<tr>
<td>SPED 4487</td>
<td>Collaboration with Families, Agencies, and Schools</td>
<td>3</td>
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<tr>
<td>SPED 4700</td>
<td>Adaptations &amp; Modifications for the Inclusive Classroom</td>
<td>3</td>
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<tr>
<td>SPED 4710</td>
<td>Preclinical Experience in Special Ed</td>
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**East Tennessee State University**

**Suggested Course Sequence for Nonteaching Minor**

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<td>MATH 1530</td>
<td>Probability and Statistics</td>
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<td>PUBH 2030</td>
<td>First Aid and Emergency Care</td>
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<td>SPED 3365</td>
<td>Functional Skills into the Curriculum</td>
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<td>ENGL 1010</td>
<td>Critical Reading and Expository Writing</td>
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<td>Social/Behavioral Science</td>
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<td>Communication: Oral Communication</td>
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<tr>
<td>SPED 2100</td>
<td>Mgmt. of Indiv. with Sev. Behaviors</td>
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<td>Instructional Method. in Spec. Ed</td>
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<td>Medical Aspects SPED</td>
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<td>Special Educ. Assess.</td>
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<td>SPED 4487</td>
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<td>SPED 4300</td>
<td>Behavior Mgmt. for Indiv. with Disab</td>
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<td>SPED 4310</td>
<td>Preclinical Exp. in Behav. Mgmt</td>
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<tr>
<td>SPED 4757</td>
<td>Curriculum-Based Assessment</td>
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<tr>
<td>SPED 4750</td>
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**Total**

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<tr>
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<td>SPED 4710</td>
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**Total Hours Required for Degree** ........................................ 120 Credit Hours
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 CUAL 4580.

### Science Requirement for K-12:
- **HSCI 2010/11 Anatomy and Physiology I** ........................................ 4*
- **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

### Physical Education TE Concentration ........................................ 20 Credit Hours

- **EDFN 3300 Orientation to Education** ........................................ 1
- **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
- **CUAL 4200 Student Teaching** ............................................... 1
- **Electives** ................................................................................. 4

### Total Hours Required for Degree ............................................. 120

### Suggested Course Sequence

#### Freshman Year

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<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<td>MATH 1030 Probability and Statistics - Non-calculus</td>
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<td>HIST 2010 The United States to 1877</td>
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<td>EDFN 2100 Orientation to the Profession of Ed</td>
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#### Sophomore Year

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<td>PEXS 3005 Instructional Delivery Techniques</td>
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<td>HSCI 2010/11 Anatomy and Physiology I Lecture &amp; Lab</td>
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<td>PEXS 3085 Teaching Rhythms and Gymnastics</td>
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</table>
### 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
Humanities | 3
Science I | 3
Science II | 3
Fine Arts | 3
Social/Behavioral Sciences | 6

* See General Education Core Requirements.

### Physical Education Core | 20 Credits Hours
---|---
PHED 1130 Fitness for Life | 2
PHED 3032 Psychomotor Development in Children | 3
PHED 4061 Exercise Fitness Testing | 3
PHED 4062 Cardiovascular Testing | 3
PHED 4270 Structural Kinesiology | 3
PHED 4630 Exercise Science Internship I | 3
PHED 4631 Exercise Science Internship II | 3
PHED 4632 Exercise Science Internship III | 3
PHED 4633 Exercise Science Internship IV | 3
PHED 4634 Exercise Science Internship V | 3
PHED 4656 Sport Conditioning and Training | 3
PHED 4657 Sports Nutrition and Ergogenic Aids | 3
PHED 4977 Exercise Management | 3
SPCH 2300 Public Speaking | 3
HSCI 3000 Human Anatomy | 3
HSCI 3020 Human Physiology | 4

### Guided Electives | 9
---|---
Electives | 3

Total Hours Required for Degree | 120 Credit Hours

---

**Suggested Four-Year Sequence for Exercise Science Concentration**

### Freshman Year

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### Sophomore Year

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<td>ENGL 4062 Cardiovascular Exercise Testing</td>
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### Junior Year

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<td>PEXS 4630 Exercise Science Internship II</td>
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<td>PEXS 4631 Exercise Science Internship III</td>
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<td>PEXS 4632 Exercise Science Internship IV</td>
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### Senior Year

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**Bachelor of Science Degree (B.S.) in Sport and Leisure Management**

Concentrations: Sport Management

Note: All students in the S-LLM major are required to make a grade of "C" or better in all major classes. Course may be retaken for grade adjustments 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 | 3
Science II | 3
Fine Arts | 3
Humanities | 3
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**

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<td>ACCT 2010</td>
<td>Principles of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3220</td>
<td>Facility and Event Management</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3225</td>
<td>Marketing Strat. &amp; Public Relations in Sport</td>
<td>3</td>
</tr>
<tr>
<td>SALM 4210</td>
<td>Legal Issues in Sport and Leisure Activities</td>
<td>3</td>
</tr>
<tr>
<td>SALM 4215</td>
<td>Social Psychology of Sport &amp; Leisure</td>
<td>3</td>
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<tr>
<td>SALM 4225</td>
<td>Management of Sport and Leisure Activities</td>
<td>3</td>
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<tr>
<td>SALM 4240</td>
<td>Research Design &amp; Analysis in SALM</td>
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<tr>
<td>SALM 4250</td>
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**Sport Management Concentration .......... 18 Credit Hours**

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<td>Introduction to Sport Management</td>
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<td>Sport in the Social Context</td>
<td>3</td>
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<tr>
<td>SALM 3240</td>
<td>Sport Government</td>
<td>3</td>
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<tr>
<td>SALM 4205</td>
<td>Issues and Trends in Sport Management</td>
<td>3</td>
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<tr>
<td>SALM 4230</td>
<td>Fund-Raising in Sports</td>
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<td>MGMT 3000</td>
<td>Organizational Management</td>
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**Business Guided Electives ............................................ 12 credits**

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<td>Marketing Communications</td>
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<td>PUBR 2700</td>
<td>Introduction to Public Relations</td>
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**Sport Management Guided Electives ........ 12 Credit Hours**

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<td>Strategic Marketing and Public Relations in Sport</td>
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<td>SALM 3100</td>
<td>Introduction to Leisure Services</td>
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<tr>
<td>SALM 3105</td>
<td>Programming &amp; Leadership in Leisure Services</td>
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<td>SALM 3140</td>
<td>Leadership and Group Processes</td>
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<td>SALM 4105</td>
<td>Commercial Recreation and Tourism</td>
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<tr>
<td>SALM 4110</td>
<td>Professional Development in Park &amp; Recreation Management</td>
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**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**

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<th>Credit Hours</th>
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<tbody>
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<tr>
<td>ENGL 1010</td>
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<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
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**Sophomore Year**

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<td>Sal</td>
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<tr>
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<td>SALM 3225</td>
<td>Marketing Strategies &amp; PR in Sport Management</td>
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<tr>
<td>Business Guided Elective</td>
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<tr>
<td>SALM 4205</td>
<td>Issues and Trends in Sport Management</td>
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<td>MGMT 3000</td>
<td>Organizational Behavior and Management</td>
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PARK AND RECREATION MANAGEMENT CONCENTRATION

The park and recreation management concentration provides instruction and training in the planning, organization, and leadership of 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**

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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ACCT 2010</td>
<td>Principles of Accounting</td>
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<tr>
<td>SALM 3220</td>
<td>Facility and Event Management</td>
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<td>Marketing Strat. &amp; Public Relations in Sport</td>
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<td>Legal Issues in Sport and Leisure Activities</td>
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<td>SALM 4215</td>
<td>Social Psychology of Sport &amp; Leisure</td>
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<td>SALM 4225</td>
<td>Management of Sport and Leisure Activities</td>
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**Second Semester Credit Hours**

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**Senior Year**

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**Total Credit Hours**

**120 Credit Hours**

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<td>SALM 3105</td>
<td>Programming &amp; Leadership in Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3117</td>
<td>Recreation for Special Pop.</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3120</td>
<td>Outdoor Recreation Skills</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3210</td>
<td>Practicum II in SALM</td>
<td>1</td>
</tr>
<tr>
<td>SALM 3140</td>
<td>Leadership and Group Processes</td>
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<tr>
<td>SALM 4105</td>
<td>Commercial Recreation and Tourism</td>
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</tr>
<tr>
<td>SALM 4110</td>
<td>Professional Development in Park &amp; Recreation Management</td>
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**Recreation Electives.................................................. 15-21 Credit Hours**

<table>
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<tr>
<td>PSCI 2610</td>
<td>Introduction to Public Administration</td>
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<tr>
<td>SALM 3110</td>
<td>Interpretation of Cultural &amp; Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>SALM 3115</td>
<td>Wilderness First Responder</td>
<td>3</td>
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<td>SALM 3120</td>
<td>Outdoor Recreation Skills</td>
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</tr>
<tr>
<td>SALM 3125</td>
<td>Camp Leadership</td>
<td>3</td>
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<tr>
<td>SALM 3150</td>
<td>Regional Outdoor Leadership &amp; Service</td>
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<tr>
<td>SALM 4107</td>
<td>Alpine Tower Leadership</td>
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<tr>
<td>SALM 4117/8/9</td>
<td>Outdoor Leadership</td>
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<tr>
<td>SALM 4200</td>
<td>Adventure Programming</td>
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</tr>
<tr>
<td>SALM 4956</td>
<td>Managing Park Services</td>
<td>3</td>
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</table>
East Tennessee State University

**Guided Electives** ................................................... 1-7 Credit Hours

ARA 2200 Basic Photography .................................................. 3
ASTR 1010 Astronomy I ........................................................ 4
ENVI 3010 Human Ecology & Environmental Education .......... 3
GEOL 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

**Total Hours Required for Degree** .......................... 120 Credit Hours

**Free Electives** .................................................. 3 Credit Hours

**Total Hours Required for Degree** .......................... 120 Credit Hours

---

**Suggested Semester Schedule**

**Freshman Year**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>First Semester</td>
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<tr>
<td>ENGL 2010</td>
<td>Critical Reading and Expository Writing 3</td>
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<tr>
<td>HIST 2010</td>
<td>The United States to 1877 3</td>
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<tr>
<td>Social/Behavioral Science</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
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<td>SALM 3010</td>
<td>Introduction to Leisure Services 3</td>
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**Second Semester**

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<tr>
<td>Speech</td>
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<tr>
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**Sophomore Year**

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<tbody>
<tr>
<td>CSCI 1100 or elective</td>
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<tr>
<td>SALM 3105</td>
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<tr>
<td>Science</td>
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<tr>
<td>Mathematics</td>
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**Junior Year**

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<tbody>
<tr>
<td>SALM 3117</td>
</tr>
<tr>
<td>SALM 3200</td>
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<tr>
<td>SALM 3220</td>
</tr>
<tr>
<td>Humanities</td>
</tr>
<tr>
<td>Recreation Elective</td>
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**Second Semester**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SALM 3100</td>
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<tr>
<td>SALM 3211</td>
</tr>
<tr>
<td>SALM 4105</td>
</tr>
<tr>
<td>SALM 4215</td>
</tr>
<tr>
<td>Recreation Elective or Guided Elective</td>
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<tr>
<td>Recreation Elective</td>
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**Senior Year**

<table>
<thead>
<tr>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>SALM 4110</td>
</tr>
<tr>
<td>SALM 4225</td>
</tr>
<tr>
<td>SALM 4240</td>
</tr>
<tr>
<td>Recreation Elective or Guided Elective</td>
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<tr>
<td>Recreation Elective</td>
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**Second Semester**

<table>
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<td>SALM 4250</td>
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<tr>
<td><strong>Semester Total</strong></td>
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**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 3210 Outdoor Recreation Skills .......................... 3
SALM 4225 Management of Sport and Leisure Activities .......... 3
SALM 4230 Fund-Raising in Sports ............................ 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 Management of Sport and Leisure Activities .......... 3

**Coaching Minor** .............................................. 18 Credit Hours

PEXS 2855 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

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**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.
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/etsucol/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 2100, HIST 2200; MATH 1530; approved literature course; HSCI 2240/24; and HSCI 2250. 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 resubmit 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 resubmit.

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 

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Critical Reading &amp; Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2020</td>
<td>Critical Thinking and Argumentation</td>
<td>3</td>
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<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2010/11</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
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<tr>
<td>HSCI 2020/21</td>
<td>Anatomy and Physiology II</td>
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<td>HIST 2010</td>
<td>The United States to 1877</td>
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### Humanities*                                                                                          3

### Social/Behavioral Sciences*                                                                             6

### CSCI Proficiency                                                                                       0-3

### Additional Nursing Requirements 4 Credit Hours

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>HSCI 2230/31</td>
<td>Introduction to Microbiology</td>
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### Nursing Core 75 Credit Hours

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<td>NRSE 2016</td>
<td>Pathophysiology</td>
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<td>NRSE 2020</td>
<td>Introduction to Professional Nursing</td>
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<td>NRSE 2030</td>
<td>Health Assessment</td>
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<td>NRSE 2310</td>
<td>Communication for Health Professionals</td>
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<td>NRSE 3010</td>
<td>Pharmacology for Nursing</td>
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<td>NRSE 3030</td>
<td>Foundations of Nursing Practice</td>
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<td>NRSE 3031</td>
<td>Foundations Practicum</td>
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<tr>
<td>NRSE 3070</td>
<td>Young Adults and Childbearing Families</td>
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<td>NRSE 3071</td>
<td>Young Adults and Childbearing Families Practicum</td>
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<td>NRSE 3080</td>
<td>Care of Children and Their Families</td>
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<td>NRSE 3081</td>
<td>Care of Children and Their Families Practicum</td>
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<td>NRSE 3090</td>
<td>Care of Persons with Psychiatric Disorders</td>
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<td>NRSE 3091</td>
<td>Care of Persons with Psychiatric Disorders Pract.</td>
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<td>NRSE 3220</td>
<td>Nursing Theory and Research</td>
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<td>NRSE 4040</td>
<td>Care of the Adult</td>
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<td>Care of the Adult Practicum</td>
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<td>NRSE 4060</td>
<td>Transition to Professional Practice</td>
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<td>NRSE 4061</td>
<td>Senior Practicum</td>
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<tr>
<td>NRSE 4110</td>
<td>Population-based Nursing Care I</td>
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<tr>
<td>NRSE 4120</td>
<td>Population-based Nursing Care II</td>
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</table>

### Total Hours Required for Degree 120

### Suggested Course Sequence for the Four-Year Bachelor of Science in Nursing Degree Program

#### Freshman Year *

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<tr>
<td>First</td>
<td>ENGL 1010</td>
<td>Critical Reading &amp; Expository Writing</td>
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<tr>
<td>First</td>
<td>HSCI 2010/11</td>
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<tr>
<td>First</td>
<td>HIST 2010</td>
<td>The United States to 1877</td>
<td>3</td>
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<tr>
<td>First</td>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
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<tr>
<td>First</td>
<td>CSCI Proficiency</td>
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<tr>
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#### Second Semester Credit Hours

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<tbody>
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<td>ENGL 1020</td>
<td>Critical Thinking and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 2020/21</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>HIST 2010</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Probability and Statistics</td>
<td>0-3</td>
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#### Sophomore Year Credit Hours

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<tr>
<td>HSCI 2230/31</td>
<td>Introduction to Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>HSCI 2100</td>
<td>History of the United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>Social/Behavioral Sciences</td>
<td>Probability and Statistics</td>
<td>0-3</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Probability and Statistics</td>
<td>0-3</td>
</tr>
<tr>
<td>SPCH 1300 or 2300</td>
<td>Public Speaking</td>
<td>3</td>
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<td>Total Semester</td>
<td>Semester Total</td>
<td>Semester Total</td>
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#### Second Semester Credit Hours

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<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>NRSE 2016</td>
<td>Pathophysiology</td>
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<tr>
<td>NRSE 2020</td>
<td>Introduction to Professional Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 2030</td>
<td>Health Assessment</td>
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</tr>
<tr>
<td>NRSE 2310</td>
<td>Communication for Health Professionals</td>
<td>2</td>
</tr>
<tr>
<td>Total Semester</td>
<td>Semester Total</td>
<td>Semester Total</td>
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</table>

#### Junior Year Credit Hours

<table>
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<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>NRSE 3020</td>
<td>Foundations of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3030</td>
<td>Foundations of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3031</td>
<td>Foundations Practicum</td>
<td>4</td>
</tr>
<tr>
<td>NRSE 3070</td>
<td>Young Adults and Childbearing Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3071</td>
<td>Young Adults and Childbearing Families Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3080</td>
<td>Care of Children and Their Families</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3081</td>
<td>Care of Children and Their Families Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3090</td>
<td>Care of Persons with Psychiatric Disorders</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3091</td>
<td>Care of Persons with Psychiatric Disorders Pract.</td>
<td>3</td>
</tr>
<tr>
<td>Total Semester</td>
<td>Semester Total</td>
<td>Semester Total</td>
</tr>
</tbody>
</table>
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—a semester credit; 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)** ....................................................... 6

**Total** .......................................................... 8

**Total Hours** .................................................. 31-34

### 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).

### Accelerated Second Degree Program of Studies

#### Summer Term

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>NRSE 3120</td>
<td>Professional Community-based Nursing</td>
<td>4</td>
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<tr>
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<td>Health Assessment</td>
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<td>NRSE 4016</td>
<td>Pathophysiology</td>
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#### Fall Term

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>NRSE 3010</td>
<td>Pharmacology for Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3220</td>
<td>Nursing Theory &amp; Research</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3030</td>
<td>Foundations of Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 3031</td>
<td>Foundations Practicum</td>
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</tbody>
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*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.

* 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.

x indicates writing and oral intensive courses

y indicates writing and technology intensive courses

t indicates technology intensive courses

* indicates writing and technology intensive courses

* indicates writing and oral intensive courses
### Spring Term

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
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<td>NRSE 3071</td>
<td>Young Adults &amp; Childbearing Families Practicum</td>
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<tr>
<td>NRSE 3080</td>
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<tr>
<td>NRSE 3081</td>
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### Third Semester

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<td>Care of Children &amp; Their Families Practicum</td>
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<td>NRSE 3090</td>
<td>Care of Persons with Psychiatric Disorders</td>
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### Summer Term

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<td>NRSE 4041</td>
<td>Care of the Adult Practicum</td>
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<td>NRSE 4050</td>
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<tr>
<td>NRSE 4051</td>
<td>Care of Older Adults Practicum</td>
<td>3</td>
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<tr>
<td>NRSE 4110</td>
<td>Population-based Nursing Care I</td>
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### Fourth Semester

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<td>NRSE 4041</td>
<td>Care of the Adult Practicum</td>
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<tr>
<td>NRSE 4050</td>
<td>Care of Older Adults</td>
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</tr>
<tr>
<td>NRSE 4051</td>
<td>Care of Older Adults Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NRSE 4110</td>
<td>Population-based Nursing Care I</td>
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### Fall Term

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NRSE 4120</td>
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<tr>
<td>NRSE 4060</td>
<td>Transition to Professional Practice</td>
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</tr>
<tr>
<td>NRSE 4061</td>
<td>Senior Practicum</td>
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</table>

### Total Nursing Credits

- 71 credits
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

Degrees

- M.P.H.
- M.S.
- M.S.E.H.
- Ph.D.
- B.S.

Concentrations

- Biostatistics
- Epidemiology
- Community Health
- Environmental Health
- Health Practice
- Occupational Health and Safety
- Environmental Health Sciences
- Health Administration
- Public Health Administration
- Microbiology

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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<tr>
<td>ENGL 1020</td>
<td>Critical Thinking &amp; Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>SPEH 2320</td>
<td>Public Speaking</td>
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</tr>
<tr>
<td>MATH 1530</td>
<td>Probability and Statistics</td>
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<tr>
<td>HSCI 2010/11</td>
<td>Anatomy and Physiology I Lec/Lab</td>
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<tr>
<td>HSCI 2020/21</td>
<td>Anatomy and Physiology II Lec/Lab</td>
<td>4</td>
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<tr>
<td>HIST 2010</td>
<td>The United States to 1877</td>
<td>3</td>
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Health and Human Performance ................. 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
ENHV 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 or CUAJ 4580 § 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

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
ENHV 3500 Environmental Safety .................. 3
ENHV 4207 Radiological Health .......................... 3
ENHV 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
(ENHV)
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
ENGL 1010 Critical Reading & Expository Writing 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
Communication: Oral Communication* ............ 3
Fine Arts* .......................................................... 3
Humanities* ....................................................... 3
Social and Behavioral Sciences* ...................... 6

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

*See General Education Core Requirements.
Environmental Health Requirements........49 Credit Hours

ENHV 3010 Human Ecology and Environmental Education 3
ENHV 3100 Water Supplies & Wastewater Treatment 3
ENHV 3400 Introduction to Air Pollution 3
ENHV 3500 Environmental Safety 3
ENHV 3700 Solid Waste Management 3
ENHV 4000 Public Health Law 3
*ENHV 4080 Environmental Health Practice 3
ENHV 4100 Shelter Environments 3
ENHV 4207 Principles of Radiological Health 3
ENHV 4340 Occupational Health 3
ENHV 4357 Toxicology 3
ENHV 4387 Biological Analysis in Environmental Health 4
ENHV 4397 Environmental Analysis 4
ENHV 4400 Environmental Health Program 3
Planning and Administration
ENHV 4607 Food Sanitation Principles 3
ENHV 4610 Soil Science for Environmental Health 2

Total Hours Required for Degree........120 Credit Hours

Note: ENHV 2989, ENHV 3989, or ENHV 4989 will substitute for ENHV 4080.
Note: ENHV 44000 not required for international students.

Suggested Course Sequences

Environmental Health Concentration

Freshman Year

First Semester

ENGL 1010 Critical Reading and Expository Writing 3
BIOL 1110(1L) Biology 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

ENGL 1020 Critical Thinking and Argumentation 3
CHEM 1101(1L) General Chemistry Lecture/Lab 4
MATH 1940 Analytic Geometry & Differential Calculus 3
Humanities and Fine Arts Elective (Literature) 3

Semester Total 13

Sophomore Year

First Semester

HIST 2010 The United States to 1877 3
CHEM 1120(1L) General Chemistry II Lecture/Lab 4
PHYS 2010 General Physics I 3
ENHV 3010 Human Ecology and Environmental Education 3
Humanities and Fine Arts Elective 3

Semester Total 16

Second Semester

HIST 2020 The United States Since 1877 3
HSCI 3000 Human Anatomy 4
HSCI 3200(2L) Microbiology Lecture/Lab 4
ENHV 3400 Introduction to Air Pollution 4

Semester Total 13

Junior Year

First Semester

CHEM 2010(1L) Organic Chemistry I 5
HSCI 3100 Water Supply and Waste Water Treatment 3
ENHV 3700 Solid Waste Management 3

Semester Total 15

Second Semester

HSCI 3020 Human Physiology 4
PHYS 2010(1L) General Physics II Lecture/Lab 4
ENHV 4100 Shelter Environments 3

Semester Total 13

Summer Semester

*ENHV 4080 Environmental Health Practice 3

Semester Total 3

*Offered in summer only

Senior Year

First Semester

ENHV 4340 Occupational Health 3
ENHV 4357 Toxicology 3
ENHV 4387 Biological Analysis in Environmental Health 4
ENHV 4607 Food Sanitation Principles 3
Humanities/Fine Arts option 3

Semester Total 16

Second Semester

ENHV 40000 Environmental Health Program Planning & Administration 3
ENHV 4610 Soil Science for Environmental Health 2

Semester Total 15

Total .................................................. 120 Credit Hours

Note: ENHV 2989, ENHV 3989, or ENHV 4989 will substitute for ENHV 4080.

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 1940 Analytic Geometry & Differential Calculus 3
BIOL 1110(1L) General Biology I Lecture/Lab 4
CHEM 1110(1L) 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
Humanities* 3
Social and Behavioral Sciences* 6

Humanities/Fine Arts option 3

Mathematics and Science Requirements........40 Credit Hours

CHEM 1120(1L) General Chemistry I Lecture/Lab 4
CHEM 2010(1L) Organic Chemistry I Lecture/Lab 5
CHEM 2020(1L) Organic Chemistry II Lecture/Lab 5
CHEM 2220(1L) Quantitative Analysis Lecture/Lab 4
PHYS 2010(1L) General Physics I Lecture/Lab 4
HSCI 3000 Human Anatomy 4
HSCI 3020 Human Physiology 4
HSCI 3200(2L) General Microbiology Lecture/Lab 4
PHSE 3000 Introduction to Biostatistics 3
PHSE 3080 Principles of Epidemiology 3

Occupational Health and Safety

Requirements.............................................. 39 Credit Hours

ENHV 3400 Introduction to Air Pollution 3
ENHV 3500 Environmental Safety 3
ENHV 4207 Principles of Radiological Health 3
ENHV 4340 Occupational Health 3
ENHV 4357 Ergonomics 3
ENHV 4387 Biological Analysis in Environmental Health 4
ENHV 4610 Soil Science for Environmental Health 2

Total Hours Required for Degree........120 Credit Hours

Note: ENHV 2989, ENHV 3989, or ENHV 4989 will substitute for ENHV 4080.

Suggested Course Sequences

Occupational Health and Safety Concentration

Freshman Year

First Semester

ENGL 1010 Critical Reading and Expository Writing 3
BIOL 1110(1L) Biology Lecture/Lab 4
Oral Communication 3
Humanities/Fine Arts option 3
Using Information Technology Challenge Exam 0

Semester Total 16

Second Semester

ENGL 1020 Critical Thinking and Argumentation 3
CHEM 1101(1L) General Chemistry Lecture/Lab 4
MATH 1940 Analytic Geometry & Differential Calculus 3
Social/Behavioral Sciences option 3

Semester Total 13

Sophomore Year

First Semester

HIST 2010 The United States to 1877 3
CHEM 1120(1L) General Chemistry II Lecture/Lab 4
PHYS 2010 General Physics I 3
ENHV 3010 Human Ecology and Environmental Education 3

Semester Total 16

Second Semester

HIST 2020 The United States Since 1877 3
HSCI 3000 Human Anatomy 4
HSCI 3200(2L) General Microbiology Lecture/Lab 4
ENHV 3400 Introduction to Air Pollution 4

Semester Total 13

Junior Year

First Semester

CHEM 2010(1L) Organic Chemistry I 5
HSCI 3100 Water Supply and Waste Water Treatment 3
ENHV 3700 Solid Waste Management 3

Semester Total 15

Second Semester

HSCI 3020 Human Physiology 4
PHYS 2010(1L) General Physics II Lecture/Lab 4
ENHV 4100 Shelter Environments 3

Semester Total 13

Summer Semester

*ENHV 4080 Environmental Health Practice 3

Semester Total 3

Senior Year

First Semester

ENHV 4340 Occupational Health 3
ENHV 4357 Toxicology 3
ENHV 4387 Biological Analysis in Environmental Health 4
ENHV 4607 Food Sanitation Principles 3
Humanities/Fine Arts option 3

Semester Total 16

Second Semester

ENHV 40000 Environmental Health Program Planning & Administration 3
ENHV 4610 Soil Science for Environmental Health 2

Semester Total 15

Total .................................................. 120 Credit Hours

Note: ENHV 2989, ENHV 3989, or ENHV 4989 will substitute for ENHV 4080.
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 3610 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
**Microbiology Electives**  
- HSCI 3300 Human Anatomy  
- HSCI 4700 Virology  
- HSCI 4730 Molecular and Microbial Genetics  

**Other graduation requirements**  
- CSCI 1100 Using Information Technology  

**Microbiology Concentration (no minor required)**  
During the sophomore year the microbiology major should choose general microbiology and in at least two specialty areas. The specialties include 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 (no minor required)**

### Freshman Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>First Semester Credit Hours</th>
<th>Second Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CHEM 1110/11 General Chemistry I Lecture/Lab</td>
<td>ENGL 1010 Critical Reading &amp; Expository Writing</td>
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<tr>
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<td>MATH 1530 Probability and Statistics</td>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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<td>BIOL 1110/11 Biology for Science Majors I Lecture/Lab</td>
<td>SPCH 1300, 2300, or 2320 (select one)</td>
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<td>HIST 2010 The United States to 1877</td>
<td>MATH 1530 Probability and Statistics</td>
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<td></td>
<td>HIST 2010 The United States to 1877</td>
<td>BIOL 1120/21 Biology for Science Majors II Lecture/Lab</td>
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<td>Literature (select one)</td>
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<td>Fine Arts (select one)</td>
<td>HSCI 3000 Human Anatomy</td>
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<td>Humanities (select one)</td>
<td>HSCI 4607 Bacterial Physiology</td>
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<td>PSYC 1310 Introduction to Psychology</td>
<td>HSCI 4770 Virology</td>
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<tr>
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<td>Social and Behavioral Science (select one)</td>
<td>BIOL 4147/57 Biochemistry of Macromolecules Lecture/Lab</td>
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### Sophomore Year

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<tr>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>CHEM 2010/21 Organic Chemistry I Lecture/Lab</td>
<td>CHEM 3020/21 General Microbiology Lecture/Lab</td>
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<td>MATH 1530 Probability and Statistics</td>
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<td>HSCI 3000 Human Anatomy</td>
<td>ENGL 1020 Critical Thinking &amp; Argumentation</td>
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<td>MATH 1530 Probability and Statistics</td>
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<td>Microbiology Core (minor required)</td>
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<tr>
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### Junior Year

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<tr>
<td>Fall</td>
<td>CHEM 2010/21 Organic Chemistry I Lecture/Lab</td>
<td>CHEM 3020/21 General Microbiology Lecture/Lab</td>
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<tr>
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<td>HSCI 4730 Molecular and Microbial Genetics</td>
<td>HSCI 4700 Virology</td>
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### Senior Year

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<tr>
<td>Fall</td>
<td>CHEM 4147/57 Biochemistry of Macromolecules Lecture/Lab</td>
<td>CHEM 4700 Virology</td>
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<tr>
<td></td>
<td>HSCI 4607 Bacterial Physiology</td>
<td>HSCI 4730 Molecular and Microbial Genetics</td>
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<td>HSCI 4770 Virology</td>
<td>HSCI 4730 Molecular and Microbial Genetics</td>
</tr>
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<td>BIOL 4147/57 Biochemistry of Macromolecules Lecture/Lab</td>
<td>HSCI 4730 Molecular and Microbial Genetics</td>
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<td>HSCI 4730 Molecular and Microbial Genetics</td>
<td>Microbiology Electives</td>
</tr>
<tr>
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<td>Microbiology Electives</td>
<td>Microbiology Electives</td>
</tr>
</tbody>
</table>

**Total Hours Required for Degree**  
120 Credit Hours
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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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<tr>
<td>ENGL 1020</td>
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<tr>
<td>ENGL 1530</td>
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</tr>
<tr>
<td>BIOL 1100/11</td>
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<tr>
<td>BIOL 1120/21*</td>
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<tr>
<td>HIST 2010</td>
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<td>HIST 2020</td>
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<tr>
<td>MATH 1530</td>
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**Semester Total ................ 16**

**Sophomore Year**

<table>
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<tr>
<th>First Semester Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 2010/21</td>
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<tr>
<td>MATH 1500</td>
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<tr>
<td>HSCI 2500 HIV/AIDS: Biology and Beyond</td>
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**Second Semester Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
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<tr>
<td>MATH 1500</td>
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**Junior Year**

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<thead>
<tr>
<th>First Semester Credit Hours</th>
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<tbody>
<tr>
<td>HSCI 4730 Molecular and Microbial Genetics</td>
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<tr>
<td>HSCI 3500 Human Anatomy</td>
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<tr>
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<tr>
<td>Social and Behavioral Science (Select one)</td>
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**Second Semester Credit Hours**

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<tr>
<td>BIOL 4310/4317</td>
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<tr>
<td>PUBH 3000 Epidemiology</td>
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<td>PSYC 1310 Introduction to Psychology</td>
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<td>Humanities (Select one)</td>
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**Senior Year**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>BIOL 4147/4157 Biochemistry of Macromolecules</td>
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<tr>
<td>HSCI 4747 Micrology</td>
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<td>HSCI 2500 AIDS: Biology and Beyond</td>
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<tr>
<td>PHYS 2010/21 General Physics I</td>
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**Second Semester Credit Hours**

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<td>HSCI 4607 Bacterial Physiology</td>
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<td>HSCI 4560 Independent Study</td>
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<tr>
<td>PHYS 2020/21 General Physics II</td>
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**Total Credit Hours**

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<tr>
<td>Microbiology Minor Demand</td>
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<tr>
<td>HSCI 3320/21 General Microbiology Lecture/Lab</td>
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<tr>
<td>HSCI 3510 Pathogenic Microbiology</td>
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<td>HSCI 4770 Virology</td>
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<tr>
<td>HSCI 3540 Immunology</td>
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</table>

**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**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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**Electives**

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<tbody>
<tr>
<td>Microbiology Minor Demand</td>
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<td>HSCI 3540 Immunology</td>
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**Health Sciences Minor**

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<td>HSCI 3540 Immunology</td>
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*BIOL 4147/4157 may be substituted

**Health Sciences Minor**

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**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.
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<td>PSYC 1310</td>
<td>Introduction to Psychology</td>
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*See General Education Core Requirements.*

**Public Health Core** .................................................. **47 Credit Hours**

- ENVH 3040  Environmental Sanitation I ........................................ 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**
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.

- **Shella Bennett**
  - E-mail: bennetsg@etsu.edu
  - Phone: (423) 439-4708
  - Courses: Audiology, Biomedical Sciences, Computer Science, Speech Pathology, and one (1) certificate program: Emerging Technology

- **Mary Duncan**
  - E-mail: duncanm@etsu.edu
  - Phone: (423) 439-4302
  - Courses: Allied Health, Environmental Health, Physical Therapy, Public Health, and five (5) certificate programs: Biostatistics, Epidemiology, Gerontology, Health Care Management, and Rural Health

- **Cindy Hill**
  - E-mail: hillecc@etsu.edu
  - Phone: (423) 439-6590
  - Courses: 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**
  - E-mail: odell@etsu.edu
  - Phone: (423) 439-6148
  - Courses: 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**
  - E-mail: palumbo@etsu.edu
  - Phone: (423) 439-6158

- **Gail Powers**
  - E-mail: powers@etsu.edu
  - Phone: (423) 439-4703
  - Courses: 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/gradreg/grad-cat-index.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/gradreg/grad-cat-index.htm
Faculty Listing

COLLEGE OF ARTS AND SCIENCES

Ahmad, Zulfigar (2006) Assistant Professor ............... Biological Sciences

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., 1985, 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.

Antkiewicz, Henry J. (1988) Professor ....................... History
Ph.D., 1976, The Ohio State University.

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.

Barker, Jennifer L. (2008) Assistant Professor ............... English Director, Film Studies
B.A., 1990, Tulane University;
M.F.A., 1992, University of Oregon;

Barnum, Amy S. (2000) Archivist ....................... Appalachian Studies and Services

Battista, Andrew C. (1984) Associate Professor ........ Political Science, International Affairs, and Public Administration
B.A., 1973, Miami University;

Beck, Jeffrey P. (1993) Professor ....................... English Associate Dean, School of Graduate Studies
B.A., 1986, University of Iowa;

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 and Services
B.A., 1979, East Tennessee State University;

Brewster, Karen (2000) Associate Professor ........ Communication
B.A., 1979, East Tennessee State University;

Briggs, Michael (2008) Lecturer ....................... Foreign Languages

Briley, John D. (2001) Associate Professor ........ Political Science, International Affairs, and Public Administration

Brown, Carl (2007) Lecturer ....................... English
B.S., 1992, University of Oklahoma;

Buck, Patricia G. (2005) Lecturer ....................... Psychology
B.A., 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.

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.

Cantrill, 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

Caton, Benjamin D., III (1972) Professor ............... Music
B.S.M.E., 1968, East Tennessee State University;

Cavender, Anthony (1988) Professor ........ Sociology and Anthropology
B.A., 1971, Belmont College;

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;

ETSU Faculty Senate President 2007-2008.

College of Arts and Sciences Service Award, 1998, and Research Award, 2002.

ETSU Faculty Senate President 2007-2008.

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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.


Close, David M. (1978) Professor ....................... Physics and Astronomy
A.B., 1964, Franklin and Marshall College;
M.S., 1968, Temple 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-Ashville;
M.A., 1995, Western Carolina University;
Ph.D., 2000, University of South Carolina.

Cole, Mary E. (Betnie) (2004) Lecturer ....... Sociology and Anthropology

Collier, Jamie (2008) Lecturer .......................... Communication
B.S., 2005 University of Tennessee;

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;

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;

Crofts, Thomas H. (2004) Associate Professor ............ English
B.A., 1990, Bard College;
M.Phil., 1992, Trinity College, Dublin;

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;

Crumley, Michele L. (2009) Assistant Professor ...... Political Science, International Affairs, and Public Administration
B.A., 1989, University of Tennessee;
MPIA, 1992, University of Pittsburgh;
Ph.D., 2005, University of Connecticut.

Cutshaw, Lise (1998) Lecturer .................. Communication

B.A., 1982, University of Michigan-Flint;
M.S.W., 1988, University of Michigan;
Ph.D., 1995, Rutgers University.
Franklin, Jay D. (2004) Assistant Professor, Sociology and Anthropology

Distinguished Faculty Award, 1996.

Funk, Robert David (1998) Professor, Communication
B.S., 1976, Western Carolina University;

Gardner, Robert B. (1993) Professor, Mathematics and Statistics
ETSU Distinguished Faculty Award 1998.

Gao, Yongli (2004) Assistant Professor, Geosciences
B.S., 1991, and M.S., 1994, Beijing University;

Gerard, Mira (2001) Associate Professor, Art and Design
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
B.S., 1981, Brown University;
Ph.D., 1992, University of Texas.
ETSU Distinguished Faculty Award, 2008.

Godbole, Anant (2000) Professor, Mathematics and Statistics
B.Sc., 1975, Bombay University, India;

Gold, Jeffrey B. (1978) Professor, Philosophy and Humanities
B.A., 1973, University of Wisconsin;

Graves, Travis H. (2005) Assistant Professor, Art and Design
B.F.A., 1996, Iowa State University;

Green, J. Keith (2002) Assistant Professor, Philosophy and Humanities
A.B., 1980, Saint Olaf College;
M.Div., 1984, Yale 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.

Grych, Frank J. (2007) Professor, Chair, Music
B.M.E., 1972 and M.A., 1979, Western Illinois University;

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

Haley, Darryl E. (1999) Associate Professor, English
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., 1987, 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

Harker, Cara L. (2007) Assistant Professor, Theatre, Dance
B.A., 1999, Thomas More College;

Harker, David W. (2006) Assistant Professor, Philosophy and Humanities
B.A., 1998 and M.A., 1999, University of Sheffield;
Ph.D., 2008, University of Illinois at Chicago.

Harrington, Karen A. (1988) Associate Professor, Foreign Languages
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.

Hayes, 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., 1996, 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;

Henderson, Daphne M. (2007) Assistant Professor, Social Work
B.S.W., 1997, Texas A&M University;
M.S.S.W., 1998 and Ph.D.S.W, 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;

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;
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;  

Holmes, Thomas Alan (1996) Associate Professor .......... English  
Associate Dean, College of Arts and Sciences  

Hosler, Deborah Susan (2002) Instructor .. Mathematics and Statistics  

Hu, Chih-Long (2006) Assistant Professor .............. Music  
B.S., 1998, National Taiwan University;  
M.S., 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;  

Jennings, David (2002) Instructor ......................... Geosciences  

Jenrette, Thomas S. (1979) Professor ................. Music  

Jesse, 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, Jinlin University;  
M.S., 1997 and Ph.D., 2000, University of Adelaide.

Johnson, Donald R. (1983) Professor .................. English Poet in Residence  
Ph.D., 1972, University of Wisconsin-Madison;  
ETSU Foundation Research Award, 1991.

Jones, Jodi Polaha (2006) Assistant Professor .......... Psychology  

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  

Karsai, Istvan (2001) Associate Professor .......... Biological Sciences  

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  

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  

Knisley, Debra (1990) Professor .......... Mathematics and Statistics  
B.S., 1976 and M.S., 1979, Tennessee Technological University;  
Ph.D., 1988, Memphis State University.

Knisley, Jeff (1990) Associate Professor .......... Mathematics and Statistics  
B.A., 1985, Carson-Newman College;  

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  

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, Dhirendra (2005) Assistant Professor .......... Biological Sciences  

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;  

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  

Lichtenwalner, Shawna (2005) Assistant Professor .......... English  
B.A., 1994, Nebraska Wesleyan University;  
M.A., 1996, University of Nebraska;  
Ph.D., 2004, Auburn University.

Liu, Yusheng (2006) Assistant Professor .......... Biological Sciences  
B.Sc., 1986, Sichuan University;  
Sellers, Eric W. (2009) Assistant Professor ......................... Psychology
Schmitt, Dale J. (1969) Professor ....................................... Chair, History
Schrader, Edith (1980) Assistant Professor ......................... Anthropology
Sheek, Angie (2004) Lecturer ......................................... Communication
Simon, Leonore (1999) Professor ............................... Criminal Justice

Robertson, Joe Leonard (1976) Professor .................. Biological Sciences
Pyles, Rebecca A. (1999) Associate Professor .................. Physics and Astronomy
Powell, Harry D. (1965) Senior Affiliate Faculty ............... Physics and Astronomy
Poole, Rebecca A. (1991) Associate Professor .... Biological Sciences
Parker, Herbert M. (2005) Assistant Professor .......... Communication
Palmer-Lopez, Sandra (1995) Associate Professor .......... Foreign Languages

B.S., 1977, Colegio Universitario de Cayey, Puerto Rico;
M.A., 1981, University of South Florida;
Ph.D., 1994, Florida State University.

B.A., 1965, Colby College;
M.A., 1970, West Virginia University;
Ph.D., 1987, Northwestern University.

B.S., 1964, Emporia State University;
M.S., 1966, Colorado State University;
Ph.D., 1972, Texas Tech University.

B.S., 1960, Davidson College;

B.S., 1983 and M.S., 1986, Youngstown State University;
M.S., 1989, Ohio State University;
Ph.D., 1996, University of Wyoming.

B.S., 1975, University of Missouri-Kansas City;
M.S., 1979, M.P.H., 1982 and Ph.D., 1988, University of Kansas.

B.S., 1980 and Ph.D., 1984, Moscow State University.

B.S., 1965, Union University;
M.S., 1967 and Ph.D., 1975, University of Tennessee;
ETSU Distinguished Faculty Award, 2005.

B.M., 1978 and M.M., 1985, West Virginia University;

B.A., 1979, Stetson University;
M.A., 1987, Western Carolina University;
Ph.D., 1997, University of Georgia.

B.A., 1965, Yale University;

B.A., 1991, Appalachian State University;

B.A., 1994, Central Missouri State University;
M.S., 1997, Northern Arizona University;
Ph.D., 2004, University of Arkansas.

B.S., 1971, San Marcos University;
M.A., 1973, University of Kansas;


B.A., 1983, Southern Illinois University - Edwardsville;


Ph.D., 1991, University of Tennessee;
Arts and Sciences Distinguished Research Award, 2007-08.

B.A., 1994, University of Massachusetts at Amherst;

B.A., 1994, University of Massachusetts at Amherst;

A.B., 1983, Brown University;
Ph.D., 1989, University of Massachusetts;
ETSU Distinguished Faculty Award, 2005.


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.

B.A., 1967, Denison University;
M.S., 1970, University of Missouri;
Ph.D., 1976, University of California.

B.A., 1992, Tamagawa University, Tokyo, Japan;
M.A., 2000, University of Wisconsin – Madison.

B.A., 1993, University of North Carolina at Greensboro;
M.A., 1992, Appalachian State University;
Ph.D., 2003, Louisiana State University.

B.S., 1963, East Tennessee State University
M.S., 1974, University of Tennessee.

B.A., 1976, University of St. Thomas;
M.A., 1991, Mankato State University;
Ph.D., 1995, Florida State University.

B.A., 1989, Siena College;
M.A., 1992, Bowling Green State University.

B.S., 1982 and M.S., 1989, Kiev State University, Kiev, Ukraine;


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 2005
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;

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; 
ETSU Distinguished Faculty Award, 2006.

Whitlaw, 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., 1964, Mills 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.


Yampolsky, Lev (2001) Associate Professor .......................... Biological Sciences
B.S., 1986, Moscow State University;

Young, David G. (2005) Assistant Professor ........................ Chemistry
B.S., 1988, Ohio Northern University;

Zavada, Michael S. (2006) Professor ............................. Chair, Biological Sciences
B.S., 1974 and M.S., 1976, Arizona State University;

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, Heifei, 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;

Anthony, Murray S. (1972) Professor .......................... Accountancy
Ph.D., 1975, University of Missouri;
CPA Tennessee.

Barya, Edward A., Jr. (1995) Associate Professor ...Chair, Economics and Finance

B.M.E., 1976, Central Missouri 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
B.A., 1992, National Chung Hsing University, Taipai;

Czuchry, Andrew J. (1992) Professor Management and Marketing and Technology and Geomatics
Chair of Excellence in Business and Technology

B.A., 1973, University of Tennessee;

Everett, Michael David (1977) Professor ....... Economics and Finance

Frierson, James G. (1973) Professor ...... Management and Marketing
B.S., 1962, Arkansas State University;
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;

B.A., 1988, Old Dominion University;
M.A., 1990, Indiana University – Bloomington;
Ph.D., 1996, Old Dominion University.

B.A., 1962 and M.A., 1964, Trinity University;
Ph.D., 1972, Southern Methodist University.

Justice, Robert ............. Director, Small Business Development Center

B.S., 1987, Elmira College;
Liang, Beichen (2007) Assistant Professor .......... Management and Marketing


Mackara, W. Frederick (1975) Associate Professor .......... Economics and Finance
A.B., 1969, Rutgers University; Ph.D., 1976, Texas A&M University.


B.S., 1977, East Tennessee State University; M.B.A., 1979, University of Tennessee; Ph.D., 1987, University of South Carolina.

Mathene, Curtis F. (2009) Assistant Professor .......... Management and Marketing

McKinney, Michael M. (1994) Associate Professor .......... Management and Marketing Assistant Dean for External Programs and Relations

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.

B.A., 1999, City College of New York of the City—University of New York.

Moore, Tom (2007) Assistant Professor .......... Management and Marketing

Morgan, Robert G. (1985) Professor .......... Accountancy

Pointer, Martha M. (1991) Associate Professor .......... Accountancy Associate Dean and Director, Graduate Studies, College of Business

B.A., 1969 and J.D., 1977, University of Tennessee

Rhea, Kelly B. Price (2006) Assistant Professor .......... Management and Marketing

Quigley, John V. (1984) Associate Professor .......... Management and Marketing Director of Honors in Discipline

B.S., 1974, East Tennessee State University; Ph.D., 1990, University of North Carolina, Greensboro.


Ryman, Joel A. (2003) Associate Professor .......... Management and Marketing


Shemwell, Donald J. (1993) Professor .......... Management and Marketing


Sparks, Shelby G. (1998) Lecturer .......... Accountancy


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.


Swinehart, Kerry D. (1990) Associate Professor .......... Management and Marketing


Turner, Craig (2002) Associate Professor .......... Management and Marketing
Weir, Ronald L. (1971) Professor, Management and Marketing
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
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
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;

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;

Broome, Hugh W. (1962) Associate Professor, Technology and Geomatics
B.S., 1958, University of Tennessee;
M.A., 1962, East Tennessee State University;
M.S., 1963, University of Arizona.

Burke II, Samuel J. (2002) Assistant Professor, Computer and Information Sciences

B.S., 1983, National Taiwan University of Science and Technology;

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;

Countermine, Terry A. (1990) Professor, Chair, Computer and Information Sciences
B.S., 1965, Alliance College;

Czuchry, Andrew J. (1992) Professor, Technology and Geomatics
Chairholder, AFG Industries

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;

Hempill, 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.

Hounsell, Jonathan C. (2007) Assistant Professor, Technology and Geomatics

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;

Laws, Michael (2001) Assistant Professor, Computer and Information Sciences

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

Pfeiffer, Phillip E., IV (1996) Professor, Computer and Information Sciences
B.S., 1976, Yale University;

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.
East Tennessee State University

Price, Kellie (1999) Assistant Professor ....................... Computer and Information Sciences

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.

Smith, Suzanne (2003) Associate Professor .................. Computer and Information Sciences
B.A., 1996, University of Tennessee, Knoxville;

Sanderson, Donald B. (1993) Professor ..................... Computer and Information Sciences
B.A., 1984, New College of University of South Florida;

Seek, Michael W. (2009) Assistant Professor.............. Technology and Geomatics

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;

Smith, Suzanne (2003) Associate Professor .................. Computer and Information Sciences
B.A., 1984, University of Memphis;
M.A., 1990-Memphis College of Arts.

Tarnoff, David (1999) Assistant Professor .................... Computer and Information Sciences

Tillman, Primum J. (1999) Assistant Professor ............... Technology and Geomatics
B.A., 1984, University of Mississippi;
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;

Wroncki, James A. (2002) Assistant Professor ............... Technology and Geomatics
B.A., 1990, State University of New York-Buffalo;

Zucker, Ronald (2007) Assistant Professor .................... Computer and Information Sciences
B.S., 1973, University of Bridgeport;
M.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
B.S.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

Boggs, Teresa L. (1998) Assistant Professor ............... Communicative Disorders

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;

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;

Davenport, Mary Jo (1997) Assistant Professor .......... Physical Therapy
B.S. and Certificate in Physical Therapy, 1973, University of Michigan;
M.S., 1990, Vanderbilt University.

Dietz, Lisa (1993) Assistant Professor .................... Physical Therapy
B.S., 1995, University of Tennessee, Knoxville;
M.S., 1997, University of Tennessee – Knoxville.

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;

Fagelson, Marc A. (1996) Professor ........................ Communicative Disorders
B.A., 1986, Columbia University, School of General Studies;
M.S., 1990, Columbia University, Teachers College;
Ph.D., 1996, 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 Kumar (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;

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;

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;

Louw, Brenda (2009) Professor ............ Chair, Communicative Disorders
B.A., 0975, 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;

Price, Tabitha N. (2006) Assistant Professor ............ Dental Hygiene

Proctor-Williams, Kerry (2002) Associate Professor ... Communicative Disorders
B.Sc., 1980 and M.C.I.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;

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;

Smith, Sheri Lyn (2005) Assistant Professor .......... Communicative Disorders
B.S., M.S., Au.D., and Ph.D., University of Florida.

Smrzynski, Jack E. (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.

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.

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.

Baliiff, Gina C. (1998) Instructor ......................... University School

Barnes, Tammy (2004) Clinical Instructor .............. Curriculum and Instruction


Barton, Alison L. (2005) Assistant Professor ...... Human Development and Learning
B.A., 1993, University of Kentucky;

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.


Bevan, Carol A. (1995) Instructor ......................... University School
B.A., 1973, Florida Southern;

B.A., 1969, Gonzaga 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
Ed.D., 1972, University of Tennessee.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>Erwin, Timothy A.</td>
<td>Instructor</td>
<td>University School</td>
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<tr>
<td>Disque, Ann</td>
<td>Instructor</td>
<td>University School</td>
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<td>Day, Ariane</td>
<td>Instructor</td>
<td>University School</td>
</tr>
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<td>Disque, J. Graham</td>
<td>Professor</td>
<td>University School</td>
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<td>Borden, Joseph E.</td>
<td>Instructor</td>
<td>University School</td>
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<td>Brichtch, Kristen</td>
<td>Instructor</td>
<td>University School</td>
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<td>Instructor</td>
<td>University School</td>
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<td>Borden, Joseph E.</td>
<td>Associate Professor</td>
<td>Human Development and Learning</td>
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<td>Brichtch, Kristen</td>
<td>Instructor</td>
<td>University School</td>
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<td>Broderick, Jane T.</td>
<td>Associate Professor</td>
<td>Human Development and Learning</td>
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<td>Brooks, Richard</td>
<td>Instructor</td>
<td>University School</td>
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<td>Collins, Martha D.</td>
<td>Professor</td>
<td>Curriculum and Instruction</td>
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<td>Cradic, Sharon J.</td>
<td>Instructor</td>
<td>University School</td>
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<td>Daniels, Harold L.</td>
<td>Associate Professor</td>
<td>Curriculum and Instruction</td>
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<tr>
<td>Davis, T. Jason</td>
<td>Assistant Professor</td>
<td>Kinesiology, Leisure and Sport Sciences</td>
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<td>Day, Ariane</td>
<td>Instructor</td>
<td>University School</td>
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<td>Dwyer, Edward J.</td>
<td>Professor</td>
<td>Curriculum and Instruction</td>
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<td>Ellis, Kevin</td>
<td>Instructor</td>
<td>University School</td>
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<td>Erwin, Timothy A.</td>
<td>Instructor</td>
<td>University School</td>
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<td>Evanshen, Pamela A.</td>
<td>Associate Professor</td>
<td>Human Development and Learning</td>
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<tr>
<td>Flynn, Virginia</td>
<td>Assistant Professor</td>
<td>Educational Leadership and Policy Analysis</td>
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<td>Fox, James J.</td>
<td>Professor</td>
<td>Human Development and Learning</td>
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<td>Gann, Rosalind R.</td>
<td>Assistant Professor</td>
<td>Curriculum and Instruction</td>
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<tr>
<td>Glover, Eric S.</td>
<td>Associate Professor</td>
<td>Educational Leadership and Policy Analysis</td>
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<td>Goehring, Deborah</td>
<td>Instructor</td>
<td>University School</td>
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<td>Govett, Aimee L.</td>
<td>Associate Professor</td>
<td>Curriculum and Instruction</td>
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<td>Hale, Kimberly</td>
<td>Assistant Professor</td>
<td>Human Development and Learning</td>
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<td>Hales, Cynthia</td>
<td>Clinical Instructor</td>
<td>Human Development and Learning</td>
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<td>Hamm, Jean S.</td>
<td>Assistant Professor</td>
<td>Curriculum and Instruction</td>
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<td>Hurwitz, Rhona S.</td>
<td>Professor</td>
<td>Chair, Curriculum and Instruction</td>
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<td>Jungkeit, Patricia</td>
<td>Instructor</td>
<td>University School</td>
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<tr>
<td>Knight, Terri C.</td>
<td>Media Specialist</td>
<td>University School</td>
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<td>National Board Certified Teacher (2002)</td>
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<td>Ed.S., 1988, State University of West Georgia, Carrollton; Ed.D., 1996, University of Alabama.</td>
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<td>B.A., 1972, College of William and Mary; M.A., 1975, University of Richmond; Ph.D., 1982, University of Tennessee-Knoxville.</td>
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<td>ETSU Distinguished Faculty Award, 2004.</td>
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<td>B.A., 1972, Catholic University of America; M.A., 1993, Appalachian State University; Ph.D., 2006, University of North Carolina at Greensboro.</td>
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<td>B.S., 1992, Radford University; M.S., 1987, Virginia Polytechnic Institute &amp; State University; Ph.D., 2005, Virginia Polytechnic Institute &amp; State University.</td>
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<td>B.S., 1987, Virginia Polytechnic Institute &amp; State University; Ph.D., 2005, Virginia Polytechnic Institute &amp; State University.</td>
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<td>B.S., 1994, Georgia Southern University; M.S., 1996, Georgia Southern University; Ph.D., 2003, Clemson University.</td>
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<td>B.S., 1962, Boston College; M.Ed., 1962, University of Saskatchewan; Ph.D., 1977, University of Georgia.</td>
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<td>B.S., 1987, Virginia Polytechnic Institute &amp; State University; Ph.D., 2005, Virginia Polytechnic Institute &amp; State University.</td>
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Knight, W. Hal (1986) Professor .................. Educational Leadership and Policy Analysis
B.A., 1972, Augusta College;
M.P.A., 1977, West Virginia College of Graduate Studies;
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B.S., 1976 and M.S., 1977, University of Tennessee;
Ph.D., 1985, The Ohio State University.

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B.S., 1973, Middle Tennessee State University;
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ETSU Distinguished Faculty Award, 2009.

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B.S., 1974 and M.S., 1976, University of Kentucky;
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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.

MacRae-Powell, Jill (2005) Instructor .................. University School
B.A., 1999 and M.S., 2000, University of Tennessee.

MacRae, Norma (1987) Professor .................... Human Development and Learning

B.A., 1988, Washington College;
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Marks, Lori (1993) Professor .......... Human Development and Learning
B.A., 1983, Flagler College;
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Ph.D., 1993, University of Florida.
ETSU Distinguished Faculty Award, 2000.

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;
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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

Musick, Mark (2006) Chair ..................... Quillen Chair of Excellence in Teaching and Learning

Myron, Mary C. (1997) Instructor .................... University School

Owen, Kathleen (2005) Clinical Instructor ........ Human Development and Learning
B.S., 1974, Keene State College;
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Payne, Linda (2006) Assistant Professor ........ Human Development and Learning
B.S., 1984, East Texas State University;
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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.


Price, Rayn (2007) Instructor ...................... University School

Ralston, Elizabeth (1993) Professor ............ Curriculum and Instruction
Associate Dean, College of Education
Director, Field Services
B.A., 1970, Texas A&I University;

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B.S., 1993 and M.A., 1995, Sam Houston State University;
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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
Vice President for University Advancement
B.S., 1969 and M.S., 1975, Virginia Polytechnic Institute and State University;

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B.A., 1964, Hwayassee 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
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Robertson, Patricia E. (1997) Professor ............ Chair, Human Development and Learning
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M.A.Ed., 1974, Western Carolina University;

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

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B.S., 1998, University of Memphis;
M.S., 2001, Union University;
Ed.D., 2005, University of Memphis.
East Tennessee State University

Shaw, Aleeta (2002) Counselor ......................... University School

Sherlin, Erin (2008) Clinical Instructor ................. Human Development
and Learning
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Snider, J. Blake (2002) Associate Professor ...... Human Development
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B.A., 1994, Lee University;

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B.A., 2000, Mills College.

Squibb, Sharon L. (2000) Instructor ..................... University School
B.A., 1978, Western State University;
M.A., 1983, University of Cincinnati;
M.A., 1988, East Tennessee State University.

Steelman, Linda (2004) Assistant Professor ... Curriculum and Instruction
B.S., 1983, University of North Alabama;
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Stone, John E. (1972) Professor ....................... Human Development
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Ed.D., 1972, University of Florida.

Stone, Michael H. (2005) Associate Professor ..... Kinesiology, Leisure
and Sport Sciences
B.S., 1970, Tennessee Technological University;
M.S., 1974, Tennessee Technological University;
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Williams, Starlet (1988) Instructor .................. University School

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Home Economics/International Medicine/Biochemistry
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B.S., 1984, University of Santa Clara;

Agrawal, Alok (2002) Associate Professor ............. Pharmacology
B.S., 1981 and M.S., 1984, Banaras Hindu University, India;
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Cell Biology
B.S., 1966, State University of New York- Cortland;
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B.A., 1980, University of Tennessee-Knoxville;
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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
M.D., 1998, East Tennessee State University, Quillen College of Medicine

Ardell, Jeffrey L. (1998) Professor ..................... Pharmacology
B.A., 1975, Colorado College;
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Armstrong, Stephen C. (1991) Assistant Professor ........ Pathology
B.S., 1979, University of Florida;
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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;
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Bagnelli, Philip C. (1991) Professor .............. Pediatrics
Adjunct Faculty, Internal Medicine
Dean, College of Medicine
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Bailey, Beth (2003) Assistant Professor .............. Family Medicine
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Baltazar, Ulises (2003) Assistant Professor ............ Surgery
M.D., 1985, La Salle University College of Medicine.

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B.A., 1985, Wake Forest University;
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Executive Director, Office of Rural and Community Health
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Bennard, Bruce C. (1990) Associate Professor ........ Family Medicine
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Blackwelder, Reid B. (1992) Associate Professor .... Family Medicine
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B.S., 1980, Haverford College;
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Bochis, Melanie (2002) Assistant Professor ........ Internal Medicine
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Associate Program Director, Med-Psych Residency  
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Breuel, Kevin F. (1992) Associate Professor ....... Obstetrics/Gynecology  
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B.S., 1982, Western Illinois University;  
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Browder, I. William (1990) Professor ....................... Chair, Surgery  
Associate Dean for Clinical Affairs  
B.S., 1967, Tulane University;  
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Brown, Earl J. (1987) Professor .............................. Pathology  
B.S., 1977, McNeese State University;  
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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;  
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Cabello, Olga A. (2005) Associate Professor .......... Biochemistry and Molecular Biology  
B.S., 1985, University Iberoamericana;  
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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;  

Chamberlin, Marian (1982) Associate Professor ...... Internal Medicine  

Champney, W. Scott (1982) Professor .......................... Biochemistry and Molecular Biology  
Adjunct Faculty, Biological Sciences  
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ETSU Distinguished Faculty Award, 2000.

Chastain, David O. (2001) Associate Professor .......... Pediatrics  
B.A., 1973, University of Mississippi, Oxford;  
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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;  
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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.

Coble, Anita Diane (1998) Associate Professor .......... Surgery  
B.S., 1989, East Tennessee State University;  
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Copeland, Rebecca J. (1993) Assistant Professor ...... Internal Medicine  
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.

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  

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  

Drake, Janet (1999) Associate Professor ........... Obstetrics/Gynecology  

Duffourc, Michelle M. (1999) 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.

M.D., 1972, Duke University School of Medicine;  

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 ............. Internal Medicine  
B.A., 1985, Converse College;  
M.D., 1999, East Tennessee State University, Quillen College of Medicine.

Ecay, Tom W. (1995) Associate Professor ............ Physiology  

Ernst-Fonberg, M. Lou (1978) Professor .......... 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.

Program Director, Bristol  
B.A., 1971, Amherst College;  
M.D., 1975, Tulane University School of Medicine.
East Tennessee State University

Ferguson, Donald A. Jr. (1978) Associate Professor ........ Microbiology
A.B., 1967, Clark University;
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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;
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Finger, William W. (1997) Associate Professor......... Psychiatry and Behavioral Sciences
B.A., 1983, University of Virginia;

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, ColegioAmericano, Quito, Ecuador;
M.D., 1992, Universidad del Salvador Medical School,
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Floyd, Michael R. (1989) Associate Professor ........ Family Medicine
B.S., 1970, University of Georgia;

Frizzell, Peter G. (2001) Assistant Professor ............... Psychiatry
B.S., 1977, Milligan College;
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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;
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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;
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Guha, Bhuvana (1996) Assistant Professor ........... Internal Medicine
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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
B.S., 1987, State University of New York;

Hansen, Dianne (1995) Assistant Professor .......... Psychiatry and Behavioral Sciences
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;

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

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;
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B.S., 1963, Muhlenberg College;
M.S., 1965, Pennsylvania State University;
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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
ETSU Foundation Research Award, 1987.

Ismail, Hassam M. (2002) Assistant Professor .......... Internal Medicine
M.D., 1988, Damascus University Medical School.

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A.B., 1967, DePauw University;
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Joshi, Piyush N. (1985) Professor .......................... Surgery
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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

Kalbfleisch, John H. (1988) Professor ..................... Medical Education
Director, Division of Biometry and Medical Computing

Kalwinsky, David K. (1990) Professor .................... Chair, Pediatrics
Adjunct Faculty, Internal Medicine

Kao, Race L. (1992) Professor ............................. Surgery
Adjunct Faculty, Physiology
Chair, 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.

Katars, Tony (1996) Professor ............................... Surgery
B.A., 1976, East Tennessee State University; D.D., 1979, Harding University; B.A., 1984, East Tennessee State University, Quillen College of Medicine.

Kauzlarich, Michael P. (2002) Assistant Professor ....... Surgery
M.D., 1981, Vanderbilt University School of Medicine.

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

Khaja, Nizamuddin (1998) Assistant Professor ........... Psychiatry and Behavioral Sciences
M.D., 1986, Siddhartha Medical College, Naggarjuna University, India.

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Director, Division of Ophthalmology
B.S., 1972, Iowa State University; M.D., 1976, Mayo Medical School.

Kirschne, 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

Krishnan, Koyamangalach (1998) Associate Professor .... Internal Medicine
R.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
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Krozer-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, Gay (2003) Assistant Professor .................. Family Medicine

Kumar, P. Lucy (1993) Assistant Professor ............... Pediatrics
M.D., 1964, Andhra Medical College, India.

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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

Lang, Forrest (1984) Professor ............................. Family Medicine
Adjunct Faculty, Adult Nursing
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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
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McGowen, K. Ramsey (1985) Professor .................... Psychiatry and Behavioral Sciences

Mehta, Jayantilal B. (1977) Professor ....................... Internal Medicine
Chief, Division of Preventive Medicine and Epidemiology
M.D., 1969, Government Medical College, India.

Director, Division of Cardiovascular and Thoracic Surgery
Miller, Barney (1997) Associate Professor ................. Psychiatry and Behavioral Sciences
Adjunct, Anatomy and Cell Biology
B.A., 1975, University of Tennessee-Chattanooga;
M.D., 1983, University of Tennessee-Memphis.

Miller, Merry N. (1995) Professor ......................... Chair, Psychiatry and Behavioral Sciences
B.S., 1975, Southwestem-Memphis;
M.S., 1983, University of Tennessee;

Mills, Debra Quares (2000) Assistant Professor ............ Pediatrics
B.A., 1998, University of Tennessee;
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Miyamoto, Michael D. (1978) Professor ..................... Pharmacology

B.A., 1974, Columbia College;
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Adjunct Faculty, Internal Medicine
B.S., 1977, University of Tennessee-Martin;
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Monaco, Paul J. (1987) Professor ......................... Anatomy and Cell Biology
B.A., 1974, Merrimack College;

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;

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.

B.A., 1982, East Tennessee State University;
Ph.D., 1994, University of Texas System, Graduate School of Biomedical Sciences;

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.

A.B., 1964, Harvard University;
M.D., 1968, Boston University School of Medicine.

Olive, Kenneth (1989) Professor .................. Vice Chair, Internal Medicine
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, Santhavaram, 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

Pennington, Glenn (2000) Professor ........................ Internal Medicine
Ph.D., 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.

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

Punyaswasutsat, 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.

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.

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;
Ps.D., 1980, Rutgers University.

Schambra, Uta B. (1993) Assistant Professor ........ Anatomy and Cell Biology
B.S., 1960, Apothekerkammer, Kassel, Germany;
M.S., 1965, Niedersachsicher Sozialminister, Hanover, Germany;
Ph.D., 1988, University of North Carolina, Chapel Hill.

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

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.

Shaihk, 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

Singh, Krishna (2002) Associate Professor ............... Physiology
B.S., 1980, Maharishi Dayanand University, Rohtak, India;
M.S., 1983, and Ph.D., 1987, Haryana Agri 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;

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;

Stern, Patrick (1999) Professor ................. Pediatrics
Adjunct Faculty, Psychiatry
B.S., 1970, University of Notre Dame;
M.D., 1974, Case Western Reserve University.

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

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;

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;
East Tennessee State University

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

Turner, Barbara B. (1982) Professor .................... Physiology
  Adjunct Faculty, Psychiatry

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

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

Watkins, Donna J. (1995) Assistant Professor ....... Assistant Director, Learning Resources

Whaley, Martha Garland (2000) Assistant Professor ........ Learning Resources Coordinator, Technical Services and History of Medicine

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
  M.D., 1979, Howard University College of Medicine.

Wondergem, Robert (1978) Professor .................... Physiology
  B.S., 1972, Calvin College; B.S., 1977, The Medical College of Wisconsin.

Woodside, Jack R. Jr. (1992) Associate Professor .... Family Medicine
  Associate Program Director

  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

Yin, Deling (2003) Assistant Professor ............... Internal Medicine
  M.D., 1997, 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 ......................... Pathology
  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., 1992, Chengdu University of Science and Technology, China; M.S., 1995, 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

Baharestani, Mona M. (2007) Associate Professor .... Professional Roles/Mental Health Nursing


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.

Brighurst, Martha H. (2007) Assistant Professor .......... Adult Nursing
  B.S.N., 1974, Medical College of Georgia; M.N., 1995, Louisiana State University.

Brodrick, Rhonda L. (2001) Assistant Professor .......... Adult Nursing

Calhoun, Sandra K. (2004) Assistant Professor .... Professional Roles/ Mental Health Nursing

Crowe, Gayle (2007) Instructor ................. Family/Community Nursing

Davenport, Lisa A. (2007) Instructor ............. Professional Roles/Mental Health Nursing

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.

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

Garrett, Linda H. (2002) Assistant Professor ............... Family/Community Nursing

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;

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;

Greenwell, Audry M. (2004), Assistant Professor ........ Family/Community Nursing
B.S.N., 1981, Spalding University;

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

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.S.N., 1991, Wilmington College;
M.S.N., 1994, East Tennessee State University.

Lauzon, Catherine M. (2007) Instructor ................ Adult Nursing

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

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.

McClelland, Peggy R. (1974) Associate Professor ........... Adult Nursing
B.S.N., 1970, East Tennessee State University;
M.S.N., 1971, Emory University.

McCullough, Judy G. (1997) Associate Professor ............... Family/Community Nursing
B.S.N., 1974, University of Central Arkansas;
M.S.N., 1977, University of Alabama, Birmingham;
Ph.D., 2002, University of Michigan-Ann Arbor.

McNeer, Gina S. (2005) Assistant Professor ............... Adult Nursing

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
B.S., 1988, 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

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;

Vanhook, Patricia M. (2007) Assistant Professor .............. Professional Roles/Mental Health 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

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;

Garcia, Loni T. (2006) Associate Dean ....................... 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.

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;

Lugo, Ralph A. (2006) Professor .......................... Chair, Pharmaceutical Sciences
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;

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.

Elolia, Robin (2008) Assistant Professor ............... Biostatistics/Epidemiology
B.A., 1977, York University, Toronto;
M.H.Sc., 1993, University of Toronto.

Florence, James E. (1995) Associate Professor .......... Interim Chair,
Elolia, Robin (2008) Assistant Professor ............... Biostatistics/Epidemiology
Drane, J. Wanzer (2006) Associate Professor .......... Biostatistics/Epidemiology
Currie, William D. (1993) Associate Professor .......... Health Sciences
Gallagher, Michael T. (1989) Professor ................. Health Sciences
Metts, Tricia (2006) Assistant Professor .......... Environmental Health

B.S., 1989 and M.S., 1991, University of Wisconsin;
M.H.Sc., 1993, University of Toronto.

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.

Littleton, Mary Ann (2002) Associate Professor .... Community Health
B.A., 1989, 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-Berkley;
M.S., 1982, California State-Hayward;
Ph.D., 1990, University of California-Davis.

Mamudu, Hadii M. (2009) Assistant Professor ............ Health Services Administration
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Dr. Martin Hendry (2005)
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