

Sophomore - Fall Semester

ENGL 2 - - - Literature Course	3
MUSC 12 - - Major Ensemble	1-2
MUSC 18 - - Applied Music	1-2
MUSC 2010 Group Piano III(Voice only)	1
MUSC 2410 Theory III	2
MUSC 2411 Aural Skills III	1
MUSC 2710 Diction I	1
MUSC 2540 Music History I	3
PHIL course (piano only)	3
Science Course	4
TOTAL	16-19

Sophomore - Spring Semester

EDFN 2100 Orientation to Profession of Education	1
MUSC 12 - - Major Ensemble	1
MUSC 29 - - Applied Music	1-2
MUSC 2020 Group Piano IV (Voice only)	1
MUSC 2420 Theory IV	2
MUSC 2421 Aural Skills IV	1
MUSC 2550 Music History II	2
MUSC 2620 Instrumental Survey	2
MUSC 2720 Diction II	1
Humanities Elective	3
TOTAL	16-17

Junior - Fall Semester

EDFN 2300 Foundations for Teaching	3
HDAL 2310 Developmental Psychology	3
MUSC 29 - - Applied Music	2
MUSC 32 - - Major Ensemble	1-2
MUSC 3540 Music History III	3
MUSC 3570 Introduction to Conducting	2
MUSC 4740 Keyboard Literature & Pedagogy	3
(Piano only)	
PHIL course (voice only)	3
TOTAL	17-18

Junior - Spring Semester

Arts & Artistic Vision course	3
MUSC 29 - - or MUSC 39 - (Applied Music)	1-2
MUSC 32 - - Major Ensemble	1
MUSC 3550 Music History IV	3
MUSC 3580 Choral Conducting	2
MUSC 4600 Orchestration & Arranging	2
MUSC 4601 Vocal Pedagogy	2
MUSC 4730 Choral Literature	3
TOTAL	17-18

Senior - Fall Semester

HDAL 3310 Educational Psychology	3
Institutions & Society	3
MUSC 32 - - Major Ensemble	1-2
MUSC 39 - - Applied Music	2
MUSC 4510 Music in Elementary Schools	3
SPED 2300 Exceptional Learners	3
TOTAL	15-16

Senior - Spring Semester

EDFN 3301 Issues in Education	3
Institutions & Society	3
MEDA 3570 Educational Technology	3
MUSC 32 - - Major Ensemble	1-2
MUSC 39 - - Applied Music (Half recital)	2
MUSC 4520 Music in Secondary Schools	3
READ 4437 Reading in the Middle/Secondary School	3
TOTAL	18-19

5th Year Senior - Fall Semester

CUAI 4580 Student Teaching	12
CUAI 4581 Seminar in Education	3
TOTAL	15

**Department of Philosophy and Humanities
(PHIL) (HUMT)**

P.O. Box 70656

Phone: 423/439-4425

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.

COURSE REQUIREMENTS FOR PHILOSOPHY MAJOR

A minimum of 30 hours is required, including:

PHIL 3010 History of Ancient Philosophy	3
PHIL 3030 History of Modern Philosophy	3
PHIL 4017 Ethical Theory	3
PHIL 4027 Contemporary Philosophy	4
Choice of:	3
PHIL 2030 Practical Reasoning	
PHIL 3050 Symbolic Logic	
Plus 14 other hours	14
TOTAL	30

Religious studies courses do not count toward the major in philosophy except for PHIL 3230, 4047, and PHIL 4220.

**PHILOSOPHY MAJOR
WITH EMPHASIS IN RELIGIOUS STUDIES**

A minimum of 30 hours is required, including:

PHIL 3010 History of Ancient Philosophy	3
PHIL 3030 History of Modern Philosophy	3
At least one course in western religions	3
At least one course in non-western religions	3
PHIL 4017 Ethical Theory	3
PHIL 4047 Philosophy of Religion	3
Plus 12 other hours	12
TOTAL 30	

The last 12 hours may include any courses in philosophy or in religious studies; they may also include the following specific courses from other departments.

ENGL 3280 Mythology	3
HIST 3910 History of Christianity	3
SOAA 3800 Religion, Society, and Culture	3
HIST 3920 History of Islam	3

PHILOSOPHY MINOR

A minimum of 18 hours in philosophy (12 must be upper division). Religious studies courses do not count toward a minor in philosophy with the exception of 3230, 4047, and 4220. Students should plan their minor in consultation with an advisor from the Department of Philosophy and Humanities.

RELIGIOUS STUDIES MINOR

A minimum of 21 hours is required, including:

PHIL 2210	Intro to the Study of Religion	3
	At least one course in western religions	3
	At least one 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 approval of the department. The following courses from other departments or other previously approved courses may be included.

ENGL 3280	Mythology	3
HIST 3910	History of Christianity	3
SOAA 3800	Religion, Society, and Culture	3
HIST 3920	History of Islam	3

It is possible to major in philosophy and minor in religious studies.

HUMANITIES MINOR

Humanities seeks to provide a base for students to construct a better understanding of the spirit and meaning of their civilization. It draws fully on other departments within the university and attempts to show the interdependence of the various disciplines. By the consideration of the vast storehouse of historical, philosophical, religious, and artistic expressions, students are better able to understand and cope with the many issues that beset humankind, and they are better able to find meaning for themselves as individuals. It is designed for the student desiring a firm background in the humanistic disciplines, and it should be of special interest to students planning to enter such professions as the ministry, law, or college teaching.

A minimum of 24 hours is required including:

HUMT 2310	Intro to the Study of Humanities I	3
HUMT 2320	Intro to the Study of Humanities II	3
HUMT 4950	Senior Seminar	3

Twelve hours must be upper division (3000 level or above).

The specific courses for this program must be approved by the humanities advisor, including courses in the following disciplines:

- History
- English (literature courses)
- Art History
- Introduction to Music or Music History
- Philosophy and Humanities

No courses counting toward the student's major field or Service-Learning or General Education Core courses may be counted toward satisfying the humanities minor.

**Department of Physics and Astronomy
(PHYS)(ASTR)**

P.O. Box 70652 Phone: 423/439-4231

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 as, for example, 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 semester hours of study in physics. These shall include the following courses.

Course Requirements:

PHYS 2110-20Tech. Physics-Calc. based	10
PHYS 3010 Mechanics	4
PHYS 3710 Electricity and Magnetism	4

At least one of the advanced courses:

PHYS 4117, 4617, 4717	4
-----------------------------	---

Physics electives chosen from:

PHYS 3110, 3210, 3310, 3510, 3610, 4117, 4617, 4717, 4850, 4860, and 4900	12
--	----

Total (Minimum)..... 34

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.

The 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 semester hours of study in physics, distributed as follows:

Course Requirements:

PHYS 2110-20 Technical Physics- Calc. based I, II	10
PHYS Electives chosen from:	
PHYS 3010, 3110, 3210, 3310, 3510, 3610, 3710, 4117, 4617, 4717, 4850, 4860, 4900	10

Total (Minimum)..... 20

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 30 semester 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 44 credit hours required for Professional Education. Please refer to the Professional Education Requirement section in the Department of Education in this catalog for a list of the required courses.