

IF THIS PROGRAM OF STUDY WAS COMPLETED BY AN ADVISOR THROUGH THE COE, STUDENT SERVICES OFFICE, YOU MUST BRING IT WHEN STARTING YOUR FILE AND THEN KEEP IT TO USE AS A GUIDE WHEN COMPLETING YOUR BOARD APPLICATION AND STUDENT TEACHING APPLICATION.

Student Name: _____ Dept. Advisor _____

ID Number: _____ Checked by: _____

Catalog Year: 2015 - 2016

EAST TENNESSEE STATE UNIVERSITY

COLLEGE OF EDUCATION APPROVED PROGRAM OF STUDY IN TEACHER PREPARATION FOR

EARTH SCIENCE

7-12

418

Tennessee Licensing Endorsement

Grade Level

Code#

GENERAL EDUCATION REQUIREMENTS:

TOTAL GENERAL EDUCATION HOURS 41-42 HRS

I. COMMUNICATION (9 hours)

- _____ ENGL 1010 Critical Reading & Exp. Writ. (3)
- _____ ENGL 1020 Critical Thinking & Argument. (3)

One of the following:

- _____ SPCH 1300 Intro to Communication Studies(3)
- _____ SPCH 2300 Public Speaking (3)
- _____ SPCH 2320 Argumentation & Debate (3)

II. USING MATHEMATICS (3-4 hours)

- _____ MATH 1840 Analy. Geom and Differ Calc (3)
- _____ MATH 1530 Probability and Statistics (3)
- _____ MATH 1910 Calculus I (4)

III. SCIENCE (8 hours)

Open to Non-Science Majors only:

- _____ BIOL 1010-1011 Biology for Non-majors I (4)
- _____ BIOL 1020-1021 Biology for Non-majors II (4)
- _____ CHEM 1030 Intro. to Chem. Survey (4)
- _____ PHYS 1030 Intro. to Physics Survey (4)
- _____ CHEM 1000 Chemistry & Well-Being (4)

Open to All:

- _____ ASTR 1010 Astronomy I (4)
- _____ ASTR 1020 Astronomy II (4)
- _____ ASTR 1035 Life in the Universe (4)
- _____ BIOL 1110-1111 Biol for Sci Majors I (4)
- _____ BIOL 1120-1121 Biol for Sci Majors II (4)
- _____ BIOL 1130-1131 Biol for Sci Majors III (4) (TI)
- _____ CHEM 1110-1111 Gen. Chemistry I (4)
- _____ CHEM 1120-1121 Gen. Chemistry II (4)
- _____ GEOL 1040-1041 GEOS: Earth/Society (4)
- _____ GEOL 1050-1051 GEOS: Earth Thru Time (4)
- _____ HSCI 2010-2011 Anatomy & Phys. I (4)
- _____ HSCI 2020-2021 Anatomy & Phys. II (4)
- _____ PHYS 2010-2011 Gen. Physics I (4) (WI)
- _____ PHYS 2020-2021 Gen. Physics II (4) (WI)
- _____ PHYS 2110 Tech. Physics I - Calc. Based (5)
- _____ PHYS 2120 Tech. Physics II - Calc. Based (5)

IV. HISTORY (6 hours)

- _____ HIST 2010 The U.S. to 1877 (3)
- _____ HIST 2020 The U.S. since 1877 (3)
- HIST 2030-History of TN (3 credits) may be substituted for 3 credits of US History

V. HUMANITIES AND FINE ARTS (9 hours)

Literature – complete one of the following:

- _____ ENGL 2030 Literary Heritage (3)
- _____ ENGL 2110 American Literature I (3)
- _____ ENGL 2120 American Literature II (3)
- _____ ENGL 2210 British Literature I (3) (WI)
- _____ ENGL 2220 British Literature II (3) (WI)
- _____ ENGL 2330 World Literature (3)
- _____ ENGL 2430 European Literature (3) (WI)

Fine Arts – complete one of the following:

- _____ ARTH 2010 Art History Survey I (3)
- _____ ARTH 2020 Art History Survey II (3)
- _____ MUSC 1030 Introduction to Music (3)
- _____ BLUE 2150 American Roots Music (3)
- _____ MUSC 1035 History of Jazz (3)
- _____ DANC 1500 Dance as a Human Exp. (3)
- _____ THEA 1030 Intro. to Theatre (3)
- _____ HUMT 2310 Arts and Ideas I (3)
- _____ HUMT 2320 Arts and Ideas II (3)

Humanities Elective – complete one of the following

- _____ ENGL 3150 Lit., Ethic, & Values (3) (WI)
- _____ ENGL 3280 Mythology (3) (WI)
- _____ ENTC 3020 Technology and Society (3)
- _____ HIST 1110 World History & Civ. To 1500 (3)
- _____ HIST 1120 World History & Civ. Since 1500 (3)
- _____ PHIL 1030 Introduction to Philosophy (3)
- _____ PHIL 2020 Introduction to Ethics (3) (WI)
- _____ PHIL 2040 Phil. As Conversation (3) (OI)
- _____ PHIL 2640 Science and the Modern World (3)
- _____ RELI 2210 Intro. Study of World Religions (3)

- VI. SOCIAL AND BEHAVIORAL SCIENCES (6 hours)
- _____ ECON 1050 Econ. & Society (3) OR
 - _____ ECON 2210 Principles of Macroeconomics (3)
 - _____ GEOG 1012 Intro to Cult. Geography (3)
 - _____ HDAL 2310 Developmental Psychology (3)
 - _____ HDAL 2340 Understanding Cultural Diversity (WI) (OI) (3)
 - _____ MCOM 1030 Intro to Mass Communications (3)
 - _____ PSCI 1110 Political Life (3) (WI) (OI)
 - _____ PSCI 1120 Intro. to Am. Government (3)
 - _____ PSYC 1310 Intro. to Psychology (3)
 - _____ SOCI 1020 Intro. to Sociology (3)
 - _____ ANTH 1240 Intro. to Cult. Anthropology (3)
 - _____ SOCI 2020 Social Problems (3) (WI)
 - _____ SRVL 1020 Introduction to Service Learning (3) (WI) (OI)
 - _____ WMST 2010 Introduction to Women's Studies (3) (WI)
 - _____ ECON 2220 Principles of Microeconomics

- ADDITIONAL GRADUATION REQUIREMENT
 USING INFORMATION TECHNOLOGY (0-3 hours)
- _____ CSCI 1100 Using Information Technology (3) OR
 - _____ Pass UIT Proficiency Exam

Writing, Oral and Technology Intensive courses reinforce academic proficiencies in a student's ability to write, speak, and use technology. All intensive courses must be taken at ETSU. Students may exceed intensive requirements but must meet minimum requirements for graduation.

ALL INTENSIVE COURSES LISTED BELOW MUST BE COMPLETED TO MEET PROGRAM AND GRADUATION REQUIREMENTS. PLEASE DISCUSS INTENSIVE REQUIREMENTS WITH YOUR MAJOR ADVISOR.

WRITING:___ COURSES (WI) ORAL:___ COURSE(S) (OI) TECHNOLOGY:___ COURSE(S) (TI)

SECONDARY EDUCATION MINOR: ✓ requires admission to Teacher Education to enroll

- _____ EDFN 2100 Orientation to the Profession of Education (1)
- _____ EDFN 2300 Foundations for Teaching (2) (must meet test score requirement to register)
- _____ EDFN 3301 Issues in Education (3) ✓ (WI)
- _____ EDFN 3310 Educational Psychology (3)
- _____ SPED 2300 Exceptional Learners in Schools and Communities (3)
- _____ MEDA 3570 Educational Technology (2) (TI) ✓
- _____ READ 4437 Reading Instruction in the Middle and Secondary Schools (3) (7-12) ✓ (WI)
- _____ CUIAI 4571 Pre-Residency: Classroom & Instructional Management in Middle & Secondary Schools (1) ✓ Sum
- _____ CUIAI 4416 Residency I: Middle and Secondary School Curriculum, Methods, and Assessment (2) ✓ Fall
- _____ CUIAI 4426 Residency I: Middle and Secondary School Curriculum and Methods Field Experience (1) ✓ Fall
- _____ SCED 4417 Residency I: Teaching Science in Secondary Schools (3) ✓ Fall

TOTAL HOURS FOR THE MINOR: 24

- PROFESSIONAL SEMESTER:
- _____ CUIAI 4580 Residency II: Student Teaching (12) (OI) ✓ Spring

ALL TEACHER LICENSURE STUDENTS MUST RECEIVE ADVISEMENT FROM THE COLLEGE OF EDUCATION PROFESSIONAL ADVISORS IN ROOM 321 WARF-PICKEL.

SECONDARY EARTH SCIENCE EDUCATION SCIENCE CORE

Biological Science 8____
BIOL 1110/1111 Biology for Science Majors I, Lab
BIOL 1120/1121 Biology for Science Majors II, Lab

Chemistry 8____
CHEM 1110/11 Gen. Chemistry I/Lab
CHEM 1120/21 Gen. Chemistry II/Lab

Geology/Geography 8____
GEOL 1040/1041 GEOS: Earth and Society (Lecture and Lab)
GEOL 1050/1051 GEOS: Earth Through Time (Lecture and lab)

Physics 8____
PHYS 2010/2011 Gen. Physics I/Lab W
PHYS 2020/2021 Gen. Physics II/Lab W

Math 7____
MATH 1530 Probability & Statistics
MATH 1910 Calculus I

Basic core in science 39____

EARTH SCIENCE CONCENTRATION

ASTR 1010 Astronomy I OR 4____
ASTR 1020 Astronomy II AND 4____
GEOG 3060 Geomorphology (GEOL 1200 Geol Evol North Amer can sub) 4____
GEOG 3090 Meteorology and Climatology 4____
GEOL 2000 Earth Materials 4____
GEOS 4617 Structural Geology 4____
GEOG 3500 Geographic Information Systems OR
GEOG 4317 Advanced Geographic Information Systems

Select one of the following:

GEOL 3391 Paleobiology
GEOS 4857 Principles of Hydrology
GEOL 4540 Sedimentation/Stratigraphy
GEOG 4307 Regional Geography 3-4____
GEOG 4200 Soil Geosciences
GEOG/GEOL 3700 Geosciences Field Experience
GEOL 3481 Natural Hazards and Society

- Courses on this page pertain to Teaching Licensure requirements. Additional major and degree requirements may apply. For major and degree requirements it is necessary to meet with your major advisor.

Earth Science revised 05/15

TEACHER EDUCATION ENTRANCE AND EXIT REQUIREMENTS

ENTRANCE

- ___ Declaration of Intent Form
- ___ Praxis Core, ACT, or SAT minimal test scores
- ___ 2.75 GPA in 32 Gen Ed hours & overall (see criteria)
- ___ Completed EDFN 2100 & 2300 with "B-" or above
- ___ Background Check completed 4 wks prior to submitting Teacher Education Application (This must be initiated in Warf Pickel, 321 or it will NOT be accepted.)
- ___ CSCI 1100 or proficiency exam
- ___ GPA of 3.0 in all major courses with no more than one course with grade below "C" (2.0), including any course that has been repeated.
- ___ Admission Board Interview

ENTRANCE TO R II

- ___ Praxis II test Scores
 - Principles of Learning & Teaching
 - Specialty Area (s)

EXIT

- ___ Recommendation for Licensure