

Secondary Education Associate in Science

Degree Program Mentor

For additional information regarding this degree, contact the Degree Program Mentor.



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Program Objective

The objective of the Secondary Education Associate in Science – Physics Teacher Certification Emphasis is to prepare students for transfer to a bachelor’s degree granting institution to major in physics with a concentration in teacher certification.

Requirements for Graduation

1. Sixty-four designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

Transfer Note: A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** will satisfy all freshman and sophomore general education requirements at the four-year university.

Admission to ECU Teacher Education:

Students who are considering teacher education as a career must have a Graduate Retention GPA of 2.5 to enroll in EDUC 2012 Foundations of Education and EDUC 2211 Field Experience I. Students must also complete an application for admission to the Teacher Education Program. The application process will be completed while enrolled in EDUC 2012. For more information on the ECU Teacher Education Program contact Phyllis Isaacs, Chair of the Education Department at (580) 559-5240.

Teacher Certification Examinations:

The Oklahoma General Education Test (OGET) is the first of a series of certification exams required by the teacher certification process in the state of Oklahoma. The OGET is typically taken during a teacher education candidate’s sophomore year. For more information on OGET and other required certification examinations visit www.ceoe.nesinc.com.

General Education Requirements

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GOV 1113	American National Government	3
HIST 1483	American History to 1877 or	
HIST 1493	American History since 1877.....	3
ENG 1113	Composition I.....	3
ENG 1213	Composition II.....	3
SPCH 1143	Speech	3
HUM	Any class designated as Humanities	6
MATH	One Mathematics Course.....	3
SCIENCE	One Life Science with lab and	
	One Physical Science with lab.....	8
CAP 1103	Introduction to Microsoft Office.....	3
HPER 1012	Wellness and Human Development.....	2
STSC 1002	Learning Strategies	2
PSY 1113	General Psychology	3

Major Field Requirements

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Select from the following:

ANTH 1113	General Anthropology
BA 2113	Macroeconomics
BA 2213	Microeconomics
BIOL 1114	General Biology
BIOL 1214	Principles of Biology
BIOL 1224	General Botany
BIOL 1234	General Zoology
BIOL 2114	Human Anatomy
CHEM 1315	General Chemistry I
CHEM 1515	General Chemistry II
ENG 1803	Native American Literature
ENG 2103	Fiction Writing
ENG 2113	Creative Writing
ENG 2123	Introduction to Poetry
ENG 2413	Introduction to Literature
ENG 2433	World Literature I
ENG 2543	British Literature I
ENG 2653	British Literature II
ENG 2753	American Literature I
ENG 2883	American Literature II
GEOG 1123	World Regional Geography
HIST 1483	American History to 1877
HIST 1493	American History since 1877
HIST 2223	Early Western Civilization to 1660
HIST 2233	Modern Western Civilization since 1660
MATH 1503	Elementary Statistics
MATH 1513	Pre-Calculus for Eng-Phys-CS
MATH 1613	Plane Trigonometry
MATH 2215	Calculus and Analytic Geometry I
MATH 2424	Calculus and Analytic Geometry II
MATH 2434	Calculus and Analytic Geometry III
PHYS 1214	Earth Science
PHYS 1314	Astronomy
PHYS 2114	General Physics I
PHYS 2224	General Physics II
PHYS 2211	Calculus Based Physics I
PHYS 2224	General Physics II
PHYS 2231	Calculus Based Physics II

Major Field Electives and Support

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PSY 2023	Developmental Psychology
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Major Field Requirements at East Central University

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EDUC 2012	Foundations of Education
EDUC 2211	Field Experience
EDUC 2402	Survey of Exceptional Children

MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE

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