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Secondary Education – Math Teacher Emphasis Associate in Science

Degree Program Mentor

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



Melissa Bryant
Assistant Professor
405-382-9742
m.bryant@sscok.edu
Division Office: 405-382-9252

Program Objective

The objective of the Secondary Education Associate in Science – Math Teacher Certification Emphasis is to prepare students for transfer to a bachelor's degree granting institution to major in math 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	Educat	ion Requ	irements	39
(GOV	1113	American National Government3	
]	HIST	1483	American History to 1877 or	
]	HIST	1493	American History since 18773	
]	ENG	1113	Composition I3	
]	ENG	1213	Composition II3	
;	SPCH	1143	Speech3	
]	HUM		Any class designated as Humanities6	
;	SCIENC	Œ	One Life Science with lab and	
			One Physical Science with lab8	
]	MATH		met by program	
(CAP	1103	Introduction to Microsoft Office3	
]	HPER	1012	Wellness and Human Development2	
;	STSC	1002	Learning Strategies2	
1	PSY	1113	General Psychology3	
			S	19
		following:		
1	MATH		Elementary Statistics	
1	MATH		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	
				_
_			Support	3
	PSY	2023	Developmental Psychology	



Major Field Requ	uirements	s at East Central University	5
EDUC 2	2012	Foundations of Education	
EDUC 2	2211	Field Experience	

EDUC 2402 Survey of Exceptional Children

MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE

Suggested Sequence of Major Field Courses

First Semester	Second Semester	Third Semester	Fourth Semester
MATH 1513	MATH 2215	EDUC 2402	EDUC 2012/2211
MATH 1613	PSY 2023	MATH 2424	MATH 2434
		PHYS 2114	



Secondary Education - Math Teacher Emphasis Associate in Science

2019-20 Degree Requirements Checklist

GENERAL EDUCATION REQUIREMENTS 2 hrs. Social Sciences GOV 1113 American National Government HIST 1483 American History Survey to 1877 or HIST 1493 American History Survey since 1877 STSC 1002 Learning Strategies Student Success Required during first semester STSC 1002 Learning Strategies	
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GOV 1113 American National Government HIST 1483 American History Survey to 1877 or HIST 1493 American History Survey since 1877 STSC 1002 Learning Strategies Strategi	Fine Arts
HIST 1493 American History Survey since 1877 Language Arts ENG 1113 Composition ENG 1213 Composition ENG 1213 Composition ENG 1213 Composition ENG 1213 Composition Elective PSY 1113 General Psychology TOTAL REQUIREMENTS PSY 1113 General Psychology PSY	Fine Arts
9 hrs. Language Arts	Fine Arts
9 hrs.	Fine Arts
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ENG 1213 Composition II SPCH 1143 Speech	
SPCH 1143 Speech Humanities Select two of the following: HUM HUM any course with HUM prefix (list above) or ART 1153 Art History ART 1163 Art History ART 1203 Art Appreciation ART 2034 Global Studies in Art* Select from the following: MATH 1513 Pre-Calculus for Eng-Phys-Calculus and Humanities ART 2043 Global Studies in Art* MATH 1513 Pre-Calculus and Analytical George MATH 1215 Calculus and Analytical George MATH 2434 Calculus and Analytical George MA	
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✓ met by program	
4 hrs. Life Science 27 hrs. TOTAL REQUIRED MAJOR FIELD HOURS	
Select one of the following:	
□ BIOL 1114 General Biology 66 hrs. MINIMUM TOTAL HOURS REQUIRED FOR ASSO	
□ BIOL 1214 Principles of Biology	DCIATE DEGREE
□ BIOL 1224 General Botany	OCIATE DEGREE
·	DCIATE DEGREE
□ BIOL 1234 General Zoology	OCIATE DEGREE
4 hrs. Physical Science A statewide transfer agreement guarante	
Select one of the following: students transferring to an Oklahoma pu	ees
☐ CHEM 1114 Introduction to Chemistry year university with an associate in arts	ees blic four-
☐ CHEM 1315 General Chemistry I associate in science degree will satisfy al	ees blic four- or
☐ ENVS 1114 Introduction to Environmental Science and sophomore general education requir	ees blic four- or
☐ PHYS 1114 General Physical Science the four-year university.	ees blic four- or Il freshman
□ PHYS 1214 Earth Science	ees blic four- or Il freshman
□ PHYS 1314 Astronomy	ees blic four- or Il freshman
□ PHYS 1414 Physical Geology	ees blic four- or Il freshman
□ PHYS 2114 General Physics I	ees blic four- or Il freshman
□ PHYS 2224 General Physics II	ees blic four- or Il freshman
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computer replications	ees Iblic four- or Il freshman rements at
□ CAP 1103 Introduction to Microsoft Office	ees Iblic four- or Il freshman rements at

