

**MAJOR: MATHEMATICS Teacher Licensure Option
EFFECTIVE FALL 2019**

NAME _____ E-NUMBER _____ CATALOG _____

I. CHECKLIST OF GRADUATION REQUIREMENTS

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|---|---|
| _____ 120 Semester Hours (SH) | _____ 42 SH in residence at EIU |
| _____ 2.00 Cumulative GPA | _____ 32 SH junior-senior residency at EIU |
| _____ 2.00 Major GPA | _____ 12 SH senior residency at EIU |
| _____ 40 SH of upper division courses (3000+) | _____ Cultural Diversity (designated with * in catalog) |
| _____ Senior Seminar (after completion of 75 SH) | |
| _____ Application for degree. Review requirements by first semester of junior year. | |

New freshmen entering in Fall 2000 must successfully complete the Electronic Writing Portfolio by creating and submitting a portfolio of four writing samples written under guidance of faculty members in writing-centered or writing-intensive courses.

EWP I _____ EWP II _____ EWP III _____

II. GENERAL EDUCATION REQUIREMENTS – Students transferring to EIU who have received an AA or AS degree in a baccalaureate-oriented program from an Illinois public community college, Lincoln College, or Springfield College in Illinois or who completed the IAI General Education Core Curriculum are considered as having met lower division general education requirements. *EXCEPT*, they must complete a Senior Seminar and must meet the Foreign Language Requirement, either by exemption or with course work.

<u>Grade</u>	<u>Semester</u>	<u>Course#</u>	<u>SH</u>	<u>Component</u>
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HUMANITIES AND FINE ARTS (9 SH – at least one course in fine arts and one in humanities; courses must represent at least two different disciplines)

_____	_____	_____	_____	Fine Arts
_____	_____	_____	_____	Humanities
_____	_____	_____	_____	Fine Arts or Humanities

FOREIGN LANGUAGE (0–8 SH) Exempt? Yes No (Two years in a single foreign language in high school with an average grade of C or better.)

_____	_____	_____	_____	
_____	_____	_____	_____	

SOCIAL AND BEHAVIORAL SCIENCES (9 SH from two different disciplines)

_____	_____	EDF 2555G	3 SH	Educ Diverse Society
_____	_____	_____	_____	
_____	_____	_____	_____	Constitution

LANGUAGE (9 SH; grade of C or better required)

_____	_____	ENG 1001G	3 SH	Composition and Language
_____	_____	ENG 1002G	3 SH	Composition and Literature
_____	_____	CMN 1310G	3 SH	Introduction to Speech Communication

MATHEMATICS (3 SH)

_____	_____	_____	_____	
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SCIENTIFIC AWARENESS (7 SH)

_____	_____	_____	_____	Physical Science
_____	_____	_____	_____	Biological Science
_____	_____	_____	_____	Lab

SENIOR SEMINAR (3 SH)

_____	_____	_____	_____	_____
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TAKE COURSES IN A LOGICAL SEQUENCE WITH THE PROPER PREREQUISITES COMPLETED. LOOK CAREFULLY AT THE SEMESTERS IN WHICH COURSES ARE TAUGHT SO DEGREE REQUIREMENTS CAN BE COMPLETED ON SCHEDULE (Semester(s) offered subject to change)

Students should be advised to keep samples of work from all classes 2800 and above for inclusion in a livetext portfolio.

Required Mathematics and Computer Science Courses

<u>Grade</u>	<u>Semester</u>				<u>Prereq.</u>
_____	_____	MAT 1441G	(5 SH; F,S)	Calculus I	
_____	_____	MAT 2442	(5 SH; F,S)	Calculus II	MAT 1441
_____	_____	MAT 2443	(4 SH; F,S)	Calculus III	MAT 2442
_____	_____	CSM 2170	(4 SH; F,S)	Computer Science I	MAT 1441 (co-req)
_____	_____	MAT 2270	(3 SH; S)	Technology in Mathematics	MAT 1441
_____	_____	MAT 2400	(1 SH; F)	Intro Teach Sec Math	MAT 1441
_____	_____	MAT 2550	(3 SH; F,S)	Linear Algebra	MAT 1441
_____	_____	MAT 2800	(3 SH; F)	Foundations	MAT 1441 (co-req)
_____	_____	MAT 3530	(4 SH; S)	Abstract Algebra	MAT 2800
_____	_____	MAT 4900	(3 SH; F)	History of Mathematics	MAT 2800
_____	_____	MAT 3271	(3 SH; F)	Geometry I	MAT 2800 (co-req)
_____	_____	MAT 3272	(3 SH; S)	Geometry II	MAT 3271
_____	_____	MAT 3701	(3 SH; F)	Prob & Stat I	MAT 2442
_____	_____	MAT 3702	(3 SH; S)	Prob & Stat II	MAT 3701
Must be four or fewer semesters away from student teaching					
_____	_____	MAT 3400	(3 SH; S)	Math Methods	MAT 2400, MAT 2270

Required Education Courses

_____	_____	SED 2000	(2 SH; F,S)	Inquiry into Teaching	
_____	_____	EDF 2555	(3 SH; F,S)	Educ Diverse Society	
_____	_____	EDP 2330	(3 SH; F,S)	Foundations for Teachers	

Must be two or fewer semesters away from student teaching

_____	_____	SED 3330	(4 SH; F,S)	Instruction	SED 2000 & MAT 3400
_____	_____	SED 4330	(3 SH; F,S)	Lit Assess Differentiation	MAT 3400 (co-allowed permission needed)

_____	_____	SPE 4500	(3 SH; F,S)	Exceptionalities	SED 3330/4330 or MAT 3400
_____	_____	EDF 4550	(3 SH; F,S)	Critical Focus Educ	adm to Teacher Education Junior standing

_____	_____	STG 4000	(1 SH; F,S)	Muticult-div Practicum	
_____	_____	STG 4001	(12 SH; F,S)	Student Teaching	

Illinois Certification Tests: Basic Skills/ACT/SAT (Fr Yr) _____ Math Content (Jr/Sr Yr) _____

Additional Requirements 1. Admission to teacher education completed _____
 2. Approval to student teach Dept: _____ Univ: _____