

# MAJOR: MATHEMATICS FOR TEACHER LICENSURE

Student: \_\_\_\_\_ E-number: \_\_\_\_\_ Catalog Year: \_\_\_\_\_

All teacher licensure student must achieve a grade of 'C' or better in all coursework

## General Education Requirements

**Language**  
(9 hrs, C or better required)

Course	Hours	Grade	Semester
ENG 1001G			
ENG 1002G			
CMN 1310G			

**Social/Behavioral Sciences**  
(9 hrs, two disciplines required)

Course	Hours	Grade	Semester
EDF 2555G	3		
PLS 1153G	3		

**Scientific Awareness**  
(7 hrs, biological and physical required; lab required)

Course	Hours	Grade	Semester
Biological			
Physical			
Lab			

**Humanities/Fine Arts**  
(9 hrs, two areas required)

Course	Hours	Grade	Semester
Humanities			
Fine Arts			
Humanities/Fine Arts			

**Mathematics** - completed in major

**Senior Seminar**

Course	Hours	Grade	Semester

**Foreign Language** Exempt  Yes  No  
if not foreign language exempt, then must complete two semesters of a single language

Course	Hours	Grade	Semester

### **Graduation Requirements**

	120 semester hours
	40 hrs of upper division courses
	2.00 Cumulative GPA
	2.65 Major GPA
	42 hrs in residence at EIU
	32 hrs junior/senior residency
	12 hrs senior residency
	Cultural Diversity (EDF 2555G)

### **Electronic Writing Portfolio**

	EWP 1
	EWP 2

**Notes:**

## Degree Core Courses (83-84 hrs)

Required Mathematics Course	Prerequisites	Hours	Grade	Semester
MAT 1441G (F, S) – Calculus and Analytic Geometry I	check catalog	5		
MAT 2442 (F, S) – Calculus and Analytic Geometry II	MAT 1441G	5		
MAT 2443 (F, S) – Calculus and Analytic Geometry III	MAT 2442	4		
CSM 1000 (F, S) – Intro to Computer Science -or- CSM 2170 (F, S) – Computer Science I	none	3		
	MAT 1441G (co-req)	4		
MAT 2270 (S) – Technology in Mathematics	MAT 1441	3		
MAT 2400 (F) – Intro to Teaching Mathematics	MAT 1441 (co-req)	1		
MAT 2550 (F, S) – Linear Algebra	MAT 1441G	3		
MAT 2800 (F) – Foundations of Mathematics	MAT 1441G (co-req)	3		
MAT 3530 (S) – Abstract Algebra	MAT 2800	4		
MAT 4900 (F) – History of Mathematics	MAT 2800	3		
MAT 3271 (F) – College Geometry I	MAT 2800 (co-req)	3		
MAT 3272 (S) – College Geometry II	MAT 3271	3		
MAT 3701 (F) – Probability and Statistics I	MAT 2442	3		
MATH ELECTIVE (3 or more hours)				
MAT 3400 (S) – Teaching Secondary Mathematics	MAT 2400, MAT 2270, 4 or fewer semesters from student teaching	3		

Required Education Courses	Prerequisites	Hours	Grade	Semester
SED 2000 (F, S) – Inquiry into Teaching		2		
EDF 2555G (F, S) – Education in a Diverse Society		3		
EDP 2330 (F, S) – Educational Psychology		3		

Must be taken together:

SED 3330 (F, S) – Instructional Tasks	SED 2000, MAT 3400, adm to tcher edu, Junior	4		
SED 4330 (F, S) – Literacy, Assessment, and Differentiation		3		

EDF 4550 (F, S) – Critical Focus on Education	univ appr tchr edu, Junior	3		
SPE 4500 (F, S) – Exceptional Learning Needs	MAT 3400, adm to tcher edu	3		

Must be taken together:

STG 4000 (F, S) – Multicultural Practicum	completion of all other requirements, Mathematics Teaching Portfolio	1		
STG 4001 (F, S) – Student Teaching		12		

Additional requirements:

- Candidates must pass the state content test
- Mathematics Teaching Portfolio completed prior to student teaching (save coursework)
- Completion of departmental student teaching assessment (in addition to any other required assessments)