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-	none	3		
CSM 2170 (F, S) – Computer Science I	MAT 1441G (co-req)	4		
MAT 2270 (S) – Technology in Mathematics	MAT 1441	2		
MAT 2550 (F, S) – Linear Algebra	MAT 1441G	3		
MAT 2800 (F) – Foundations of Mathematics	MAT 1441G (co-req)	3		
MAT 3620 (F) – Teaching Middle Level Mathematics	MAT 1441G, SED 2000	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 (at least 3 hours)				
MAT 3700 (S) – Teaching Secondary Mathematics	MAT 3620, co-req MAT 2270	3		

Required Education Courses	Prerequisites	Hours	Grade	Semester
SED 2000 (F, S) – Inquiry into Teaching	see catalog	2		
EDF 2555G (F, S) – Education in a Diverse Society	see catalog	3		
EDP 2330 (F, S) – Educational Psychology	see catalog	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)
- Record of one attempt on the state content test prior to student teaching
- Completion of departmental student teaching assessment (in addition to any other required assessments)