

DEPARTMENT OF MATHEMATICAL SCIENCES
MAJOR: MATHEMATICS WITH TEACHER LICENSURE (36 HOURS)
 MINOR REQUIRED: PROFESSIONAL EDUCATION (32 HOURS)
 NO ADDITIONAL HOURS REQUIRED
 TOTAL HOURS TO COMPLETE: 68 HOURS

MATHEMATICS WITH TEACHER LICENSURE MAJOR REQUIREMENTS (36 HOURS)				
	COURSE NAME	HRS	TERM	PREREQUISITES
MATH 152	CALCULUS II	4	FALL, SPRING	MATH 151
MATH 230	FOUNDATIONS OF HIGHER MATHEMATICS	3	SPRING	MATH 151
MATH 251	CALCULUS III	4	FALL	MATH 152
MATH 303	MODERN COLLEGE GEOMETRY	3	SPRING (EVEN YEARS)	MATH 152 and MATH 230
MATH 310	NUMBER THEORY	3	SPRING (ODD YEARS)	MATH 151 and MATH 230
MATH 318	COMBINATORICS	3	SPRING (EVEN YEARS)	MATH 152 and MATH 230
MATH 325	STATISTICS AND DATA ANALYSIS	3	SPRING (ODD YEARS)	MATH 151
MATH 331	LINEAR ALGEBRA	3	FALL	MATH 151
MATH 404	MODERN ABSTRACT ALGEBRA	3	FALL (EVEN YEARS)	MATH 230 and MATH 331
MATH 421	PROBABILITY THEORY	3	FALL (ODD YEARS)	MATH 251
MATH 490	WRITING IN THE DISCIPLINE I (WI3)	2	AS NEEDED	MATH 230, MATH 251, and MATH 331
MATH 491	WRITING IN THE DISCIPLINE II (WI3 & PRE)	2	AS NEEDED	MATH 230, MATH 251, MATH 490, and Senior Status
TOTAL MAJOR HOURS		36		

PROFESSIONAL EDUCATION MINOR REQUIREMENTS (32 HOURS)**				
	COURSE NAME	HRS	TERM	PREREQUISITES
EDUC 250	TEACHING IN THE 21ST CENTURY SCHOOLS*	4	FALL, SPRING	
EDUC 316	TEACHING READING AND WRITING IN THE CONTENT AREAS	3	SPRING	EDUC 250 with a grade of "C" or better
EDUC 350	DIVERSE POPULATIONS IN 21ST CENTURY SCHOOLS*	4	FALL, SPRING	EDUC 250 with a grade of "C" or better
EDUC 440	CLASSROOM MANAGEMENT*	3	FALL	EDUC 250 with a grade of "C" or better
EDUC 450	STUDENT TEACHING* (PRE)	12	FALL, SPRING	EDUC 250 with grade of "C" or better, Admission to the Teacher Education Program for at least one year prior to student teaching, and all other coursework completed
PSYC 303	EDUCATIONAL PSYCHOLOGY	3	FALL, SPRING	
MAED 432	METHODS OF TEACHING MATH (9-12)	3	AS NEEDED	Admission to the Teacher Education Program
TOTAL MINOR HOURS		32		

NOTE: PHYS 203 and MATH 151 are required to fulfill the General Education requirement

**NOTE: Clinical Experience Required*

***NOTE: Students will not be permitted to complete more than 50% of the Professional Education minor (excluding student teaching) until they are formally admitted to the Teacher Education Program. All candidates must be fully admitted into the Teacher Education Program a minimum of two full semesters prior to the semester in which they student teach. Ideally, students should interview no later than the end of the first semester of the junior year. Once admitted, students must maintain a 3.0 GPA or higher. See the School of Education Catalog Page for additional requirements.*