

# MINOR IN MATHEMATICS WITH TEACHER CERTIFICATION

## Middle School Level Certification

Plans must include the following courses or approved substitutes.

Code	Title	Hours
<b>Minor in Mathematics with Middle School Level Certification</b>		
MATH 1384	Intro To Foundations Of Math I	3
MATH 1385	Intro Foundations Of Math II	3
MATH 2384	Functions And Graphs	3
MATH 2385	Fundamentals Of Calculus	3
MATH 3380	Historical Perspec of Math	3
MATH 3383	Geometric Meas./Transformation	3
MATH 3384	Foundations Of Mathematics	3
MATH 3386	Fundmtls Probability/Stats	3
MATH 3387	Problem Solving-Middle Sch Mth	3
Total Hours		27

The following certifications are available for students who wish to teach in middle school: 4-8 Mathematics and 4-8 Mathematics/Science. Detailed four-year plans are located in the College of Education section of this catalog.

## Secondary Level Certification

Plans must include the following courses or approved substitutes.

Code	Title	Hours
<b>Minor in Mathematics with Secondary Level Certification</b>		
MATH 1420	Calculus I	4
MATH 1430	Calculus II	4
MATH 3300	Introduction To Math Thought	3
MATH 3363	Euclidean Geometry	3
MATH 3377	Intro To Linear Alg & Matrics	3
MATH 3379	Statistical Mthods In Practice	3
MATH 4384	Survey Of Mathematical Ideas	3
MATH 4385	Mathematical Problem Solving	3
Total Hours		26

## Teacher Certification

In addition to the listed degree requirements, the following courses must be completed for teacher certification. Several of these courses may be taken as electives or to partially complete existing degree requirements.

Code	Title	Hours
<b>Minor in Mathematics with Teacher Certification</b>		
CISE 3384	The Teaching Profession	3
CISE 4364	Mth Tch Secondary Schools	3
CISE 4378	Content Literacy	3
CISE 4379	Differentiated Pedagogy	3
CISE 4380	Respon Of Pro Educator	3
CISE 4394	Creatng Env For Lrng-Secondary	3
CISE 4396	Std Tch Secondary Classroom	3
CISE 4397	Std Tch Secondary Classroom	3
Total Hours		24