MATHEMATICS, MINOR - TEACHING

Teaching (Code 180-407)

Code	Title	Credits
Twenty-four semester credits including:		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 324	Linear Algebra	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics	4
with additional credits chosen from MATH 216 or mathematics courses numbered above 305.		
Technology requirement, select one of the following:		
MATH 451	Teaching Mathematics with Technology (or equivalent as approved by the Mathematics Department)	
CS 145	Programming for New Programmers [1]	
DS 140	Basics of Data Analysis with R [1]	
DS 150	Computing in Python: Fundamentals and Procedural Programming [1]	

This minor is restricted to students in the College of Education and Human Sciences: Department of Education for Equity and Justice: Option B and leads to licensure to teach Mathematics in 4-12 classrooms.

[1] CS 145, DS 140, and DS 150 do not count toward the 24 credits required for the mathematics minor.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- Apply a broad range of perspectives, including numerical, graphical, algebraic, analytical and verbal, to effectively connect and communicate mathematical ideas.
- Use mathematics to model and solve appropriate problems.
- Read and synthesize mathematical literature.