MATHEMATICS EDUCATION MINOR

Description

Students pursuing a minor in Mathematics Education will be required to take courses that introduce them to teaching, mathematics education topics, and mathematical content to solidify their understanding of secondary mathematics. In addition to the required courses, students will choose electives of interest from options in Education and Mathematics, in consultation with the minor advisor.

Completion of this minor does not lead to teaching certification. Students should meet with the minor advisor to discuss potential pathways and to determine what additional courses are needed.

Requirements

Academic Policies - Minors

Code	Title	Credits
Required Courses		
MATH 700	Introduction to Mathematics Education [1]	4
or MATH 709	Teaching of Mathematics in Grades 6-12	
MATH 624	Analysis of Secondary School Mathematics [1]	4
EDUC 500	Exploring Teaching [1]	4
Electives		
Select one of the following options:		8
Option 1: Select one MATH and one EDUC course from the list below.		
Option 2: Select two MATH courses from the list below. Only one 500-level course may be taken.		
MATH 531	Mathematical Proof [1]	
MATH 545	Introduction to Linear Algebra [1]	
or MATH 645	Linear Algebra for Applications	
MATH 700	Introduction to Mathematics Education [1]	
or MATH 709	Teaching of Mathematics in Grades 6-12	
MATH 760	Geometry [1]	
MATH 790	Historical Foundations of Mathematics [1]	
MATH 797	Senior Seminar (Math Ed Section) [1]	
EDUC 525	Teaching Race	
EDUC 556	Peer to Peer Mentoring for Students with Disabilities	
EDUC 605	Educational Perspectives in Critical Times [1]	
EDUC 701	Human Development & Learning: Cultural Perspectives [1]	
EDUC 703C	Classroom Management: Creating Positive Learning Environments	
EDUC 751B	Methods of Inclusive Secondary Education: Literacies, Learning, and Transitions [1]	
Total Credits		**20**

[1] Course is required for the BS in Mathematics Education: Secondary Option and/or for teacher certification through UNH. Students in other majors who wish to pursue mathematics teacher certification could take some of these courses as program electives or as part of a master's degree that leads to certification.