

Interdisciplinary Mathematics & Teacher Preparation – PK-6, 6-8 (B.A.)

The Senior Project for non-teacher track students is Mathematics 420 . The senior project for students who complete a teacher preparation endorsement is Mathematics 421.

Substitutions for students seeking licensure in elementary and middle school endorsement must be approved by the Director of the Neff Center for Teacher Education and the Chair of the Mathematics Department, guided by teacher certification requirements.

Program: Mathematics

Type: B.A.

Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:
No
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy Placement Testing requirements.

Requirements

Item #	Title	Credits
MATH 123	Pre-Calculus	3
MATH 151	Calculus I	4
MATH 161X	Introduction to Statistics	4
MATH 201	Intro to Mathematical Reasoning	3
MATH 340	Geometry	3
MATH 420	History of Math	3
PHYS 100	Conceptual Physics	4

Professional Requirements

Item #	Title	Credits
EDUC 114	Introduction to Education	1
EDUC 115	Early Field Experience	0.5
EDUC 115	Early Field Experience	0.5
EDUC 305	Human Growth & Development	3
EDUC 310	Teach Read & the Language Arts	3
EDUC 320	Technology & Instructional Design	3
EDUC 340	Teaching of Math/Sci in Elem/Ms	3
EDUC 370	Survey of Exceptional Children	3
EDUC 401	Practicum in Education	2
EDUC 410	Practicum: Reading Problems	3
EDUC 420	Teaching in Elem/Middle	2
EDUC 421	Supv Teach in Elementary & Middle	10
EDUC 430	Elem/Middle Methods	3
EDUC 445	Foundations of Education	3

Additional Requirements

Item #	Title	Credits
	RELG 111 or RELG 131 or RELG or 132 or RELG 200	3
ENGL 200	Reading & Writing About Literature	3
ENGL 317	Lit for Children & Young Adults	3
ENGL 333	Linguistics	3
MATH 311	Fundamentals of Mathematics I	3
HIST 111	American Hist to 1861	3
HIST 112	American Hist Since 1861	3
HIST 122	Modern Europe	3
POLS 103	Politics of the United States	3
	GEOG 111 or GEOG 331	3
	BIOL 105 or BIOL 117	4
	ART 111 or ART 241 or MUSC 318 or THRE 105	3
	ECON 151 or ECON 152	3
	CHEM 111 or ESCI 111 or ESCI 201 or PHYS 100 or PHYS 101	4
	Minimum Credit Hours for Graduation:	108