



University of Lynchburg

Mathematics Guided Pathway Robert Noyce Teacher Scholarship Program NSF Grant #1852670

Students wishing to complete the Noyce Program through matriculation as a first year student at the University of Lynchburg should follow the following guided pathway to complete the program in 4 years.

Fall 1st Year (15 hours)

MATH 103 Calculus I (3 hours)
Elective (3 hours)
English 123W College Writing Workshop (3 hours)
COMM 101 Oral Argumentation and Advocacy (3 hours)
DELL 100 First year Seminar (3 hours)

Spring 1st Year (17 hours)

MATH 104 Calculus II (3 hours)
EDUC 120 Educational Psychology and Human Development (3 hours)
DELL requirement (3 hours)
DELL requirement (3 hours)
DELL Living Well requirement (2 hours)
Elective (3 hours)

Fall 2nd Year (17 hours)

MATH 301W History of Mathematics (3 hours)
MATH 260W Reasoning and Proof (3 hours)
EDUC 210 Foundations of Education and the Teaching Profession (4 hours)
DELL Scientific Literacy requirement (4 hours)
Elective (3 hours)

Spring 2nd Year (15 hours)

MATH 301 Differential Equations (3 hours)
MATH 307 Linear Algebra (3 hours)
EDUC 222 Human Diversity and Exceptionalities (3 hours)
DELL requirement (3 hours)
DELL requirement (3 hours)

Fall 3rd Year (15 hours)

EDUC 339 Curriculum, Methods, and Assessment, 6-12 (3 hours)
Foreign language (3 hours)
Math 311 Probability Theory (3 hours)
Math 304 College Geometry (3 hours)
DELL requirement (3 hours)

Spring 3rd Year (18 hours)

EDUC 351 Reading in the Content Area (3 hours)
Foreign Language (3 hours)
Math 350W Experimental Mathematics (3 hours)
CS 131 Fundamentals of programming for Non-Majors (3 hours)
MATH 323 Number Theory (3 hours)
Elective (3 hours)

Fall 4th Year (17 hours)

DELL 400W (3 hours)
EDUC 362 Classroom and Behavior Management (3 hours)
EDUC 444 Field Experience II (secondary) (2 hours)
MATH 399 Internship in Mathematics (3 hours)
MATH 405 Abstract Algebra (3 hours)
Elective (3 hours)

Spring 4th Year (12 hours)

EDUC 480 Student teaching

Note:

Students will receive a B.S. degree with a double major in Mathematics and Mathematics Education*.

***pending approval by the Virginia Department of Education.**

Student loads could be adjusted by taking DELL, foreign language, and elective courses out of sequence or during summer or J-Terms.

Students must also complete 2 WE courses in addition to those shown in this program (6 total). This is most easily accomplished through the DELL curriculum.