



University of Lynchburg

CHEMISTRY 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 (16 hours)

CHEM 111 (4 hours)
MATH 103 Calculus I (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 (18 hours)

CHEM 112 (4 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 (15 hours)

CHEM 221 Organic Chemistry I (4 hours)
EDUC 210 Foundations of Education and the Teaching Profession (4 hours)
PHYS 141 College Physics I (4 hours)
DELL requirement (3 hours)

Spring 2nd Year (17 hours)

CHEM 222 Organic Chemistry II (4 hours)
CHEM 242W Research Methodology in Chemistry (3 hours)
EDUC 222 Human Diversity and Exceptionalities (3 hours)
PHYS 142 College physics II (4 hours)
DELL requirement (3 hours)

Fall 3rd Year (17-16 hours)

EDUC 339 Curriculum, Methods, and Assessment, 6-12 (3 hours)

CHEM 359 Analytical Chemistry I (4 hours)

Foreign language (3 hours)

DELL requirement (3 hours)

CHEM 206** or Elective (4 or 3 hours)

Spring 3rd Year (16-17 hours)

EDUC 351 Reading in the Content Area (3 hours)

Foreign Language (3 hours)

CHEM 360 Analytical Chemistry II (4 hours)

Elective or CHEM 206** (3 or 4 hours)

Elective (3 hours)

Fall 4th Year (16 hours)

DELL 400W (3 hours)

EDUC 362 Classroom and Behavior Management (3 hours)

EDUC 444 Field Experience II (secondary) (2 hours)

CHEM 441 Chemistry Seminar (1 hour)

CHEM 320 Biochemistry (4 hours)

Elective (3 hours)

Spring 4th Year (12 hours)

EDUC 480 Student teaching

Note:

Students will receive a B.A. degree with a double major in Chemistry and Chemistry Education*.

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

****CHEM 206 is typically offered during the summer.**

Student loads could be adjusted by taking Physics or CHEM 206 in the summer, alternating Physics and Foreign Language courses, taking DELL and Elective courses out of sequence or during summer or J-Terms.

Students must also complete 3 WE courses in addition to those shown in this program (6 total). This is most easily accomplished through the DELL curriculum.