



The University of North Carolina at Pembroke

Department of Biology | Oxendine Science Building, 2101

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RECOMMENDED DEGREE PATH

B.S. in Biology (2016-2017)

First Year

Fall Semester (16 semester hours)

FRS 1000 Freshman Seminar (1)
ENG 1050 Composition I
MAT 1070 College Algebra; or
MAT 1090 Precalculus (4)
BIO 1000 Principles of Biology
CHM 1300 General Chemistry I
General Education: Fine Arts

Spring Semester (16 semester hours)

ENG 1060 Composition II
BIOL 1000 Laboratory Investigations and
Experiences in General Biology (1)
CHM 1100 General Chemistry Laboratory I (1)
BIO 1010 General Botany (4); or
BIO 1020 General Zoology (4)
MAT 2100 Introduction to Statistics
General Education: History
General Education PED (1)

Second Year

Fall Semester (15 semester hours)

BIO 1010 General Botany (4); or
BIO 1020 General Zoology (4)
CHM 1310 General Chemistry II
CHM 1110 General Chemistry Laboratory II (1)
General Education: Literature
General Education PED (1)
University-wide Elective

Spring Semester (17 semester hours)

General Education: Philosophy or Religion
General Education: Social Science
MAT 2150 Calculus with Applications (4); or
MAT 2210 Calculus I (4)
BIO 3040 Principles of Ecology (4)
University-wide Elective

Third Year

Fall Semester (13-14 semester hours)

BIO 3180 Principles of Genetics (4)
General Education: Social Science
*Biology Elective (3-4)
University-wide Elective

Spring Semester (15-16 semester hours)

*Biology Elective (3-4)
General Education Elective
General Education: Social Science
University-wide Elective
University-wide Elective

Fourth Year

Fall Semester (13-14 semester hours)

BIO 3710 Cell Biology (WE) (4)
*Biology Elective (3-4)
University-wide Elective
University-wide Elective

Spring Semester (15 semester hours)

BIO 4700 Writing in the Discipline (3)
University-wide Elective
University-wide Elective
University-wide Elective
University-wide Elective

*Biology Electives must be 2000 or above-level courses. If you have chosen a Track in the Biology program, use courses listed below for your Biology Electives:

- **Botany Track:** BIO 3050, 3400, 3540, ENV 2200
- **Environmental Biology Track:** BIO 2310, 2500, 3010, 3050, 3400, 3420, 4100, 4320, and ENV 2200, 2300, 2400, 3100
- **Molecular Biology Track:** BIO 3150, 3540, 3810, 4610, BTEC 3220, 3230
- **Zoology Track:** BIO 2040, 2050, 2500, 3010, 3100, 3190, 4100, 4610, ENV 2300

You must complete 6 hours of courses **designated as WE** (writing enriched). BIO 3710 (listed above) will count as 4 hours of writing enriched (WE) credit, so you will still need at least 2 more hours of WE course work, which can potentially come from biology or any other discipline.