

Bachelor of Science - Natural Science - Biology Concentration
First Time Freshman Academic Roadmap

| Year 1: Freshman Year | | | | Year Total | | | | 31 |
|-------------------------------|---------------|-------------------------|-------|----------------------------|---------------|---------------------------------------|-------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| CHEM 2100 (GE 5A) | Fall & Spring | MATH 1401 (Corequisite) | 4 | CHEM 2200 | Fall & Spring | CHEM 2100 with a grade of C or better | 4 | |
| CHEM 2100L (GE 5C) | Fall & Spring | CHEM 2100 (Corequisite) | 1 | CHEM 2200L | Fall & Spring | CHEM 2200 (Corequisite) | 1 | |
| MATH 1401 (GE 2) | Fall & Spring | | 4 | MATH 1601 or MATH 2210 | Fall & Spring | MATH 1401 | 4 | |
| NSCI 2300 | Fall | | 1 | Critical Thinking (GE 1B) | Fall & Spring | | 3 | |
| Free Elective | Fall & Spring | | 3 | Oral Communication (GE 1C) | Fall & Spring | | 3 | |
| Written Communication (GE 1A) | Fall & Spring | | 3 | | | | | |
| Semester Total | | | 16 | Semester Total | | | 15 | |

| Year 2: Sophomore Year | | | | Year Total | | | | 30 |
|--------------------------------------|---------------|---------------------------------------|-------|-------------------|---------------|---------------------------------------|-------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| BIOL 2010 | Fall & Spring | CHEM 2100 with a grade of C or higher | 5 | BIOL 2020 | Spring | BIOL 2010 with a grade of C or better | 5 | |
| Organic Chemistry (Group A, B, or C) | Fall & Spring | CHEM 2200 with a grade of C or better | 5 | Statistics | Fall & Spring | Varies | 3 | |
| General Education | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| General Education | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| Semester Total | | | 16 | Semester Total | | | 14 | |

| Year 3: Junior Year | | | | Year Total | | | | 31 |
|--|---------------|--------------------------|-------|--|---------------|----------------------|-------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| PHYS 2000 & 2000L (or PHYS 2500 & 2500L) | Fall & Spring | MATH 1601 (or MATH 2210) | 5 | BIOL Concentration Elective | Fall & Spring | Varies | 4 | |
| General Education | Fall & Spring | | 3 | PHYS 2010 & 2010L (or PHYS 2510 & 2510L) | Fall & Spring | Varies | 5 | |
| General Education | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| UD BIOL Concentration Elective | Fall & Spring | Varies | 4 | General Education | Fall & Spring | | 3 | |
| | | | | NSCI 3300 | Spring | NSCI 2300 | 1 | |
| Semester Total | | | 15 | Semester Total | | | 16 | |

| Year 4: Senior Year | | | | Year Total | | | | 28 |
|--------------------------------|---------------|----------------------|-------|--------------------------------|---------------|----------------------|-------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| UD BIOL Concentration Elective | Fall & Spring | Varies | 4 | UD BIOL Concentration Elective | Fall & Spring | Varies | 4 | |
| General Science UD Elective | Fall & Spring | Varies | 3 | NSCI 4300 | Spring | NSCI 3300 | 2 | |
| GEOL 3020 or GEOL 3040 (UD GE) | Fall & Spring | | 3 | General Education (UD) | Fall & Spring | | 3 | |
| Free Elective | Fall & Spring | | 3 | General Education (UD) | Fall & Spring | | 3 | |
| Free Elective | Fall & Spring | | 3 | | | | | |
| Semester Total | | | 16 | Semester Total | | | 12 | |
| | | | | Degree Units Total | | | 120 | |

NSBICNSBSX

Last modified

1/15/2026

The roadmap is an academic planning resource. Students should refer to their PAWS Report and Academic Catalog for graduation requirements.