

**Bachelor of Science - Biology
First Time Freshman Academic Roadmap**

| Year 1: Freshman Year | | | | Year Total | | | | 29 |
|----------------------------|---------------|---------------------------------|-----------|-------------------------------|---------------|-------------------------|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| CHEM 2100 (GE B1) | Fall & Spring | MATH 1401 or 2210 (Corequisite) | 4 | CHEM 2200 | Fall & Spring | CHEM 2100 | 4 | |
| CHEM 2100L (GE B3) | Fall & Spring | CHEM 2100 (Corequisite) | 1 | CHEM 2200L | Fall & Spring | CHEM 2200 (Corequisite) | 1 | |
| MATH 2210 (GE B4) | Fall & Spring | MATH 1401 or MATH 1403 | 4 | Critical Thinking (GE A3) | Fall & Spring | | 3 | |
| Foundation Seminar (GE E) | Fall & Spring | | 3 | Written Communication (GE A2) | Fall & Spring | | 3 | |
| Oral Communication (GE A1) | Fall & Spring | | 3 | General Education | Fall & Spring | | 3 | |
| Semester Total | | | 15 | Semester Total | | | 14 | |

| Year 2: Sophomore Year | | | | Year Total | | | | 31 |
|--|---------------|---------------------------------------|-----------|--|---------------|---------------------------------------|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| BIOL 2010 (GE B2) | Fall & Spring | CHEM 2100 with a grade of C or higher | 5 | BIOL 2020 | Fall & Spring | BIOL 2010 with a grade of C or better | 5 | |
| Second Year Chemistry (Group A, B, or C) | Fall & Spring | Varies, see PAWS Report | 5 | Second Year Chemistry (Group A, B, or C) | Fall & Spring | Varies on Group Selected | 4 | |
| 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 | | | 15 | |

| Year 3: Junior Year | | | | Year Total | | | | 32 |
|---|---------------|---------------------------------------|-----------|---|---------------|---------------------------------------|-----------|----|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | |
| BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | |
| PHYS 2000 | Fall & Spring | MATH 2210 with a grade of C or better | 4 | PHYS 2010 | Fall & Spring | PHYS 2000 | 4 | |
| PHYS 2000L | Fall & Spring | PHYS 2000 (Corequisite) | 1 | PHYS 2010L | Fall & Spring | PHYS 2010 (Corequisite) | 1 | |
| General Education (UD) | Fall & Spring | | 3 | General Education (UD) | Fall & Spring | | 3 | |
| Semester Total | | | 16 | Semester Total | | | 16 | |

| Year 4: Senior Year | | | | Year Total | | | | 28 |
|---|---------------|---------------------------------------|-----------|---|---------------|---------------------------------------|---------------------------|------------|
| Fall Semester | Terms Offered | Prerequisite Courses | Units | Spring Semester | Terms Offered | Prerequisite Courses | Units | |
| BIOL 5000 | Fall & Spring | BIOL 2020 with a grade of C or better | 1 | BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | |
| BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 4 | BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 3 | |
| BIOL elective, incl. but not limited to Group A-D | Fall & Spring | BIOL 2020 with a grade of C or better | 3 | Free Elective | Fall & Spring | | 3 | |
| General Education (UD) | Fall & Spring | | 3 | Free Elective | Fall & Spring | | 3 | |
| Free Elective | Fall & Spring | | 3 | Free Elective | Fall & Spring | | 1 | |
| Semester Total | | | 14 | Semester Total | | | 14 | |
| | | | | | | | Degree Units Total | 120 |

BIOLCNSBSX

Last modified 2023-01-18

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