

Academic Program Sequence Map

Program Degree Type and Name: BS Biology Education Track

Catalog Year: 2023-2024

Program Level: Undergraduate

Academic Term Type: Semester

** Denote core course with an asterisk and (cc) next to the course number*

| Year and Term: Year 1 Fall Term | | | | | Year and Term: Year 1 Spring Term | | | | | |
|--|-----------|-----------|----------|----------|------------------------------------|----------------|-----------|---------------------------|----------|-------------------|
| Credits Per Classification | | | | | Credits Per Classification | | | | | |
| Course Number & Title | CR | GE | Maj | OE | Course Number & Title | CR | GE | Maj | OE | |
| MATH 116 | 3 | X | | | CHEM 160: General Chemistry I | 3 | X | | | |
| ENGL 111: Written ENGL and Lit Studies | 3 | X | | | CHEM 160A: General Chemistry I Lab | 1 | X | | | |
| ENGL 110 or Gen Ed | 3 | X | | | BIOL 160: General Bio I | 3 | X | | | |
| CINQ 101: Critical Inquiry | 3 | X | | | BIOL 160A: General Bio I Lab | 1 | | X | | |
| BIOL 105 Pathways in Biology | 3 | X | | | MATH 201 | 3 | X | | | |
| | | | | | ENGL 112 Written English II | 3 | X | | | |
| Term Credit Total: | 15 | 15 | | | Term Credit Total: | 14 | 13 | 1 | | |
| Year and Term: Year 2 Fall Term | | | | | Year and Term: Year 2 Spring Term | | | | | |
| Credits Per Classification | | | | | Credits Per Classification | | | | | |
| Course Number & Title | CR | GE | Maj | OE | Course Number & Title | CR | GE | Maj | OE | |
| CHEM 161: General Chem II | 3 | X | | | BIOL 275: Cell Biology | 4 | | X | | |
| CHEM 161A: General Chem II Lab | 1 | X | | | BIOL 226: Elements of Biochemistry | 3 | | X | | |
| BIOL 161: General Bio II | 3 | X | | | BIOL 223: Intro to Sci Teaching | 3 | | X | | |
| BIOL 161A: General Bio II Lab | 1 | X | | | Gen Ed | 6 | X | | | |
| Gen Ed | 3 | X | | | | | | | | |
| COMM 110: Oral Communication | 3 | X | | | | | | | | |
| Term Credit Total: | 14 | 14 | | | Term Credit Total: | 16 | 6 | 10 | | |
| Year and Term: Year 3 Fall Term | | | | | Year and Term: Year 3 Spring Term | | | | | |
| Credits Per Classification | | | | | Credits Per Classification | | | | | |
| Course Number & Title | CR | GE | Maj | OE | Course Number & Title | CR | GE | Maj | OE | |
| BIOL 244: Ecology | 4 | | X | | BIOL 360: Genetics | 4 | | X | | |
| JRSM 301: Junior Seminar | 3 | X | | | Gen Ed | 3 | X | | | |
| Gen Ed | 3 | X | | | Open Elective | 3 | | | X | |
| PHYS 160: Physics for Life Sci | 4 | | X | | CHEM 260: Organic Chem I | 3 | | X | | |
| Open Elective (eg. Med Terminiology) | 2 | | | X | CHEM 260A: Organic Chem I Lab | 1 | | X | | |
| Term credit total: | 16 | 6 | 8 | 2 | Term Credit Total: | 14 | 3 | 8 | 3 | |
| Year and Term: Year 4 Fall Term | | | | | Year and Term: Year 4 Spring Term | | | | | |
| Credits Per Classification | | | | | Credits Per Classification | | | | | |
| Course Number & Title | CR | GE | Maj | OE | Course Number & Title | CR | GE | Maj | OE | |
| Major Elect 1 (BIOL 366 or BIOL 370) | 3 | | X | | BIOL 455: Capstone in Bio Ed | 3 | | X | | |
| BIOL 355: Molecular Biology (cc)* | 4 | | X | | Open Elective | 3 | | | X | |
| Open Elective | 3 | | | X | Open Elective | 3 | | | X | |
| Open Elective | 3 | | | X | Open Elective | 3 | | | X | |
| Gen Ed | 3 | X | | | Major Elective 2 | 3 | | X | | |
| Term Credit Total: | 16 | 3 | 7 | 6 | Term Credit Total: | 15 | | 6 | 9 | |
| Program Totals | | | | | Program Totals | | | | | |
| | | | | | Credits: 120 | General Ed: 60 | | Major/Major Electives: 40 | | Open Elective: 20 |

Legend: CR: Credits GE: General Education Mai: Major / Major Elective OE: Open Elective