

8-Semester Plan: BS Environmental Science 2019-2020

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. It is important to note that some upper-level degree requirements may be courses that are only offered once every two years. Students and advisors must become familiar with the cycle of teaching these courses. Students and advisors must also be aware that some courses may be taught only in Fall or Spring semesters. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

| Year 1 | | | | Year 1 | | | |
|--------------------|--------------------------------|-----|--------|--------------------|--------------------------|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 1013 | Biology Making Connections | 3 | | BIO 1503 | Biology of Plants | 3 | X |
| BIO 1303 | Biology of Animals | 3 | | BIO 1501 | Biology of Plants Lab | 1 | X |
| BIO 1301 | Biology of Animals Lab | 1 | | CHEM 1023 | General Chemistry II | 3 | |
| ENG 1003 | Composition I | 3 | X | CHEM 1021 | General Chemistry II Lab | 1 | |
| CHEM 1013 | General Chemistry I | 3 | X | ENG 1013 | Composition II | 3 | X |
| CHEM 1011 | General Chemistry I Laboratory | 1 | X | | Fine Arts | 3 | X |
| | Social Science | 3 | X | | | | |
| Total Hours | | 17 | | Total Hours | | 14 | |
| Year 2 | | | | Year 2 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIOL 1063 | People and the Environment | 3 | X | BIO 2013 | Biology of the Cell | 3 | |
| MATH 2204 | Calculus I | 4 | | BIO 2011 | Biology of the Cell Lab | 1 | |
| PHYS 2034 | University Physics I | 4 | | MATH 2214 | Calculus II | 4 | |
| SCOM 1203 | Oral Communication | 3 | X | PHYS 2044 | University Physics II | 4 | |
| | Social Science | 3 | X | | Humanities | 3 | |
| Total Hours | | 17 | | Total Hours | | 15 | |

| Year 3 | | | | Year 3 | | | |
|--------------------------|---------------------------------------|-----|--------|---------------------------|--------------------------|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 3023 | Principles of Ecology | 3 | | BIO 4613 | Conservation Biology | 3 | |
| CHEM 3103 | Organic Chemistry I | 3 | | CHEM 3113 | Organic Chemistry II | 3 | |
| CHEM 3101 | Organic Chemistry I Laboratory | 1 | | CHEM 3111 | Organic Chemistry II Lab | 1 | |
| PSSC 2813 | Soils | 3 | | STAT | Applied Statistics I | 3 | |
| PSSC 2811 | Soils Laboratory | 1 | | | Focus area elective | 3 | |
| | Social Science | 3 | X | | Focus area elective | 3 | |
| | | | | | | | |
| Total Hours | | 14 | | Total Hours | | 16 | |
| | | | | | | | |
| Year 4 | | | | Year 4 | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| BIO 3673 | Human Dimensions of Natural Resources | 3 | | | Focus area elective | 4 | |
| BIO 4643 | Environmental Biology | 3 | | | Focus area elective | 3 | |
| BIO 4641 | Environmental Biology Lab | 1 | | | Focus area elective | 3 | |
| BIO 4021 | Biological Seminar | 1 | | | Elective | 3 | |
| | Focus area elective | 3 | | | | | |
| | Elective | 3 | | | | | |
| Total Hours | | 14 | | Total Hours | | 13 | |
| Total Jr/Sr Hours | | 60 | | Total Degree Hours | | 120 | |