### Concentration elective hours (26-30 credits):

Students must select one of the following options:

Students must select either 26 credits of Biology elective courses or 22 credits of Biology electives courses and 6-9 credits hours of approved non-biology courses listed below. Biology electives may be chosen from any of the Biology courses numbered 200 or higher except those listed as not counting for the Biology major (e.g., BIOL 201, BIOL 202, BIOL 210, BIOL 231, BIOL 232, BIOL 304). Students are advised to consult all the department’s electives and to choose those most appropriate to their goals.

The following approved non-biology courses may be used to fulfill 6-9 credits of Biology electives, in combination with 22 credits of Bio electives:

- **PHYS 111**: General Physics I & II
- **PHYS 221**: General Physics III
- **CHEM 11**: General Chemistry I
- **CRUI 382**: Wildlife Crime and Conservation and Law Enforcement
- **ECON 375**: Environmental Economics
- **ENGL 306**: Professional Writing
- **ENGL 406**: Advanced Technical Writing
- **ENGL 454**: Literature and the Environment
- **GEOS 241**: Environmental Regulation
- **GEOS 250**: Introduction to GIS
- **PHYS 341**: General Physics II
- **CHEM 478**: Medicinal Chemistry
- **ENGL 306**: Professional Writing
- **ENGL 406**: Advanced Technical Writing
- **ENGL 454**: Literature and the Environment
- **GEOS 241**: Environmental Regulation
- **GEOS 250**: Introduction to GIS

Students with particular interests are strongly encouraged to include the following courses in consultation with their faculty advisor.

Students must select either 26 credits of Biology elective courses or 22 credits of Biology electives courses and 6-9 credits hours of approved non-biology courses listed below. Biology electives may be chosen from any of the Biology courses numbered 200 or higher except those listed as not counting for the Biology major (e.g., BIOL 201, BIOL 202, BIOL 210, BIOL 231, BIOL 232, BIOL 304). Students are advised to consult all the department’s electives and to choose those most appropriate to their goals.

The following approved non-biology courses may be used to fulfill 6-9 credits of Biology electives, in combination with 22 credits of Bio electives:

**Electives**

- **PHYS 111**: General Physics I & II
- **PHYS 221**: General Physics III
- **CHEM 11**: General Chemistry I
- **CRUI 382**: Wildlife Crime and Conservation and Law Enforcement
- **ECON 375**: Environmental Economics
- **ENGL 306**: Professional Writing
- **ENGL 406**: Advanced Technical Writing
- **ENGL 454**: Literature and the Environment
- **GEOS 241**: Environmental Regulation
- **GEOS 250**: Introduction to GIS

**Graduation Requirements**: 120 total credits and an overall GPA ≥ 2.0 are required for graduation. To graduate with a major in biology a student must attain an overall major grade point average of 2.0 or higher. Major GPA is calculated by using BIOL 131, BIOL 132, BIOL 160, all biology courses 200-level or higher, all courses outside of biology used as electives (including PHYS/CHM/GEOS/ECON/SOCY used as an elective), and any course used as an elective by academic petition.