

Comparing the Biology Degree Options at UMBC

Bachelor of Arts

Intended for students preparing for a health profession program (i.e. Pre-Med, Pre-Nursing, Pre-PA) or those students desiring a general biology degree.

- ◆ 55-57 credits
- ◆ 3 electives, including 1 lab elective
- ◆ Elementary Applied Calculus (MATH 155) option
- ◆ Option to use Anatomy & Physiology as an elective
- ◆ Ideal for double majors and those students interested in a multidisciplinary undergraduate career
- ◆ Complete two Culture courses for GEPs

Bachelor of Science

Intended for students interested in graduate school, research, or a technical or laboratory career.

- ◆ 67-77 credits
- ◆ 6 electives, including 2 lab electives
- ◆ Organic Chemistry I Lab (CHEM 351L)
- ◆ Analytical Calculus (MATH 151) required
- ◆ Additional MATH/STAT/CMSC elective
- ◆ Option to use undergraduate research as an elective
- ◆ Complete one Culture course for GEPs

Requires the same five BIOL Core Courses

Chemistry through Organic Chemistry I (CHEM 351)

Sufficient for graduate or professional school admission

Things to Remember:

- ◆ Because of the BIOL Core Courses, it is simple to switch between the two majors. Speak with your advisor about your options.
- ◆ Acceptance into graduate or professional programs does not solely rely on which major you choose. Other factors include GPA, minors, and extracurriculars.
- ◆ Students may need to take additional upper level electives (either in- or outside the major) to meet the 45 upper level credits needed for graduation.