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.*

- Requires the same five BIOL Core Courses
- Chemistry through Organic Chemistry I (CHEM 351)
- Sufficient for graduate or professional school admission
- 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

**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.