



# Biology (403)

## Associate of Science

### ABOUT OUR PROGRAM

This program is intended to provide the first two years of a four-year baccalaureate program. Students who major in biology investigate the science of life including cell biology, molecular biology, evolution, ecology, and genetics. Study organisms include viruses, bacteria, plants, animals, and fungi.

### NATURE OF WORK AND EMPLOYMENT

The four most common jobs people have one year after completion of their Bachelor's degree in this major are biological technician, biological scientist, health technician, and secondary teacher.

### SPECIAL CONSIDERATIONS

Students considering this major should have a strong interest in nature, science, animals, and people. This career area requires the ability to collect and analyze data. **The listed coursework is a recommendation only. Students should check with a student advisor for HCC graduation requirements, and specific university requirements in this major.** Students must meet with an advisor to ensure that the special requirements of the department and institution to which they plan to transfer are met.

### PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Dr. Brendan Dutmer, Associate Dean, Natural Science and Mathematics
- Karla Giuffre, Biology Faculty
- Tony Grahame, Biology Faculty
- Juliet Moderow, Biology Faculty
- Alan Nowicki, Biology Faculty



- Heather Moore, Student Advisor

### Recommended Courses

The following are recommended courses for this major only. Students must still meet all requirements for the Associate of Science degree (see page 58) in order to graduate from Highland Community College. For more information, please see your student advisor.

#### Biology

* BIOL	208	Biology I: Cell & Molecular Biology	4
* BIOL	209	Biol. II: Biodiversity, Evolution & Ecology	4

#### Chemistry

* CHEM	123	General College Chemistry I	5
* CHEM	124	General College Chemistry II	5
* CHEM	221	Organic Chemistry I	4
* CHEM	222	Organic Chemistry II	4

#### Mathematics

* MATH	177	Statistics	3
* MATH	168	Analytic Geometry and Calculus I	5
* MATH	268	Analytic Geometry and Calculus II	5

#### Physics

* PHYS	141	Introductory Physics I	4
* PHYS	142	Introductory Physics II	4
		-or-	
* PHYS	143	General Physics I	5
* PHYS	144	General Physics II	5

\* Course has a prerequisite. See course descriptions.