The Associate of Science degree in biology enables students to transfer to the four-year school of their choice to continue their education. Doctors of all kinds and many scientists often earn a bachelor’s degree in one area of science before continuing their education in a particular field. The basic courses taken at Cowley College will transfer to state colleges and universities, as well as most other schools throughout the nation.

### BIOLGY (Associate of Science Degree)

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<tr>
<th>COURSE NUMBER</th>
<th>COURSE NAME</th>
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#### GENERAL EDUCATION REQUIREMENTS

**Basic Skills (12 hours)**
- ENG2211 Composition I  3
- MTH4420 College Algebra (or higher level course)  3
- ENG2212 Composition II  3
- COM2711 Public Speaking  3

**Computer Literacy (3 hours)**
- CAP1516 Computer Applications or Computer Literacy*  3

**Humanities (6 hours) 2 Different Departments**
- Humanities Elective*  3
- Humanities Elective*  3

**Social Sciences (6 hours) 2 Different Departments**
- Social Science Elective*  3
- Social Science Elective*  3

**Science and Math (20 hours)**
- CHM4220 Chemistry I  5
- BIO4125 General Biology I  5
- CHM4230 Chemistry II  5
- BIO4135 General Biology II  5

**Health & Physical Education (1 hour)**
- Health & Physical Education Elective*  1

**GENERAL ED TOTAL 48**
- 17  16  6  9

**RECOMMENDED ELECTIVES**
- CHM4250 Organic Chemistry I  5
- PHS4550 General Physics I  5
- CHM4251 Organic Chemistry II  5
- PHS4551 General Physics II  5

**ELECTIVE HOURS 20**
- 0  0  10  10

**TOTAL HOURS 68**
- 17  16  16  19

*See List of Electives that fulfill Requirements for the Associate of Science Degree.

**Recommend checking 4-year institution requirement**

Depending on skill level and assessment scores, students may be required to take the necessary basic skill or prerequisite courses prior to enrolling in the program.

Revised: April 18, 2016