

This guide lists the BC3 courses in the right column that fulfill the Clarion University requirements in the left column. To transfer courses, you will need a grade of "C" or higher. The biology B.S. degree requires a minimum of 120 credit hours and a 2.0 QPA for degree completion.

CLARION REQUIREMENTS

General Education Requirements (48 credits)

See General Education Transfer Guide for requirements.

Mathematics Proficiencies

Credits may apply in general education:

- Statistics (one course)
- Calculus (one course)

Biology Major (62 credits)

Complete eight courses in:

- | | |
|--------------|----------------------------------|
| BIOL 155/165 | Principles of Biology I and Lab |
| BIOL 156/166 | Principles of Biology II and Lab |
| BIOL 201 | Genetics |
| BIOL 202 | Principles of Ecology |
| BIOL 203 | Cell Biology |
| BIOL 382 | Evolution |

Biology Electives

Complete five courses (minimum 15 hours credit):

- | | |
|--|-----------------|
| BIOL 300-499 (excluding BIOL 310, 453, 454, 499) | |
| CHEM 453 | Biochemistry |
| CHEM 454 | Biochemistry II |

Required Supplemental Courses

A total of nine credits from this list may count under general education physical and biological sciences.

Complete the following:

- | | |
|--------------|------------------------------|
| CHEM 153/163 | General Chemistry I and Lab |
| CHEM 154/164 | General Chemistry II and Lab |
| CHEM 251/261 | Organic Chemistry I and Lab |
| CHEM 252/262 | Organic Chemistry II and Lab |
| PH 251 | General Physics I |
| PH 252 | General Physics II |
| Elective | Chemistry Elective |

Residency Requirement

A minimum of 30 of the last 45 credits must be taken through Clarion University with at least 50 percent of major credits taken through Clarion.

BC3 EQUIVALENT COURSES

- MATH 107
- MATH 221

- BIOL 120
- BIOL 121
- BIOL 209
- BIOL 207
- No BC3 equivalent
- No BC3 equivalent

- BIOL 201, 203, 205
- No BC3 equivalent
- No BC3 equivalent

- CHEM 101
- CHEM 102
- CHEM 221
- CHEM 222
- PHYS 101
- PHYS 102
- CHEM 230, 231