# Biology: Biomedical Major, B.A.

## Freshman
### Fall
- **CHEM 1110** (860:044): General Chemistry I (Based on ALEKS score) 4
- **MATH 1140** (800:046): Precalculus (Based on ALEKS Score) 4
- **BIOL 2051** (840:051): General Biology: Organismal Diversity (or BIOL 2052 Gen Bio: Cell Structure and Function) 4

**Liberal Arts Core** 3

**Hours** 15

### Spring
- **BIOL 2052** (840:052): General Biology: Cell Structure and Function (or BIOL 2051 Gen Bio: Organismal Diversity) 4
- **CHEM 1120** (860:048): General Chemistry II 4

**Liberal Arts Core** 6

**Hours** 14

## Sophomore
### Fall
- **Liberal Arts Core** 9
- **BIOL 3140** (840:140): Genetics (or BIOL 3100 Ecology, Evolution, and Nature of Science) 4
- **CHEM 2210** (860:120): Organic Chemistry I 3

**Hours** 16

### Spring
- **Liberal Arts Core** 6
- **BIOL 3100** (840:100): Evolution, Ecology and the Nature of Science (or BIOL 3140 Genetics) 3
- **CHEM 2220** (860:123): Organic Chemistry II 3
- **CHEM 2230** (860:121): Organic Chemistry Laboratory 2

**Hours** 14

## Junior
### Fall
- **Liberal Arts Core** 6
- Anatomy/Physiology/Cellular Elective 4
- **PHYSICS 1511** (880:054): General Physics I 4

**Hours** 14

### Spring
- **Liberal Arts Core** 3
- University Electives 5
- Anatomy/Physiology/Cellular Elective 4
- **PHYSICS 1512** (880:056): General Physics II 4

**Hours** 16

## Senior
### Fall
- **Liberal Arts Core** 3
- University Electives 9
- Anatomy/Physiology/Cellular Elective 4

**Hours** 16

### Spring
- **Liberal Arts Core** 3
- University Electives 9

### Biology Major Elective 3

**Hours** 15

**Total Hours** 120

*To graduate from UNI with a biology major, students must have both a cumulative and a major UNI GPA of 2.50 or higher, with a grade of C– (1.67) or higher in all courses that are applied to the major.*