

# Biology: Biomedical, B.A.

## Biology: Biomedical Major, B.A.

Course	Title	Hour
<b>Freshman</b>		
<b>Fall</b>		
BIOL 2051 (840:051)	General Biology: Organismal Diversity(or BIOL 2052 Gen Bio: Cell Structure and Function)	4
CHEM 1110 (860:044)	General Chemistry I (Based on ALEKS score)	4
MATH 1140 (800:046)	Precalculus(Based on ALEKS Score)	4
Liberal Arts Core		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
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
<b>Hours</b>		<b>14</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIOL 3140 (840:140)	Genetics(or BIOL 3100 Ecology, Evolution, and Nature of Science)	4
CHEM 2210 (860:120)	Organic Chemistry I	3
Liberal Arts Core		9
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
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
Liberal Arts Core		6
<b>Hours</b>		<b>14</b>
<b>Junior</b>		
<b>Fall</b>		
BIOL 3101 (840:101)	Anatomy and Physiology I (or BIOL 3106 Vertebrate Anatomy)	4
PHYSICS 1511 (880:054)	General Physics I	4
Liberal Arts Core		6
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIOL 3102 (840:102)	Anatomy and Physiology II	4
PHYSICS 1512 (880:056)	General Physics II	4
Liberal Arts Core		3
University Electives		5
<b>Hours</b>		<b>16</b>
<b>Senior</b>		
<b>Fall</b>		
Biomedical Emphasis Elective (4000 level)		3
Biomedical Emphasis Elective (3000 or 4000 level)		3
Liberal Arts Core		3

University Electives	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
Biomedical Emphasis Elective (4000 level)	4
Liberal Arts Core	3
University Electives	9
<b>Hours</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

\* To graduate from UNI with a biology major, students must have both a cumulative and a major UNI GPA of 2.0 or higher, with a grade of C- (1.67) or higher in all courses that are applied to the major.