

## BIOCHEMISTRY MAJOR

This checklist is for reference only. Please see the College Catalog and check with your major adviser or department chair to assure compliance with graduation requirements.

**Note: Pre-requisites in parentheses**

### I. Required Courses

Sem. Taken	Cr. Earned	
		a. Chemistry Courses (28 semester-hours)
		CHEM 105 General Chemistry I
		CHEM 106 General Chemistry II ( <b>CHEM 105</b> )
		CHEM 311 Organic Chemistry I ( <b>CHEM 105, 106</b> )
		CHEM 312 Organic Chemistry II ( <b>CHEM 311</b> )
		CHEM 420 Biochemistry I ( <b>CHEM 312</b> )
		CHEM 422 Biochemistry II ( <b>CHEM 420</b> )
		CHEM 451 Physical Chemistry I ( <b>CHEM 106, PHYS 131, MATH 152</b> )

### b. Biology Core Courses (12 semester-hours):

		BIOL 105 Principles of Biology I
		BIOL 106 Principles of Biology II ( <b>BIOL 105</b> )
		BIOL 471 Molecular Biology <i>co-requisite CHEM311</i>

### c. Cognate Courses (16 semester-hours)

		MATH 151 Calculus I
		MATH 152 Calculus II ( <b>MATH 151</b> )
		PHYS 131 General Physics I <i>co-requisite MATH 151</i>
		PHYS 132 General Physics II ( <b>PHYS 131</b> ) <i>co-requisite MATH 152</i>

### II. Every Biochemistry Major Must Complete a St. Mary's Project:

		BIOC 493 St. Mary's Project
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