

CHEMISTRY MAJOR: BIOCHEMICAL CONCENTRATION (BS PROGRAM)

Declaration of Major | 2013-2014 Catalog



EDGEWOOD COLLEGE

Name: _____ ID: _____

Major Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

THIS FORM IS TO ADD/DECLARE A MAJOR. IF YOU WISH TO DROP/REMOVE A PREVIOUSLY DECLARED MAJOR, YOU MUST SUBMIT A SEPARATE MAJOR DECLARATION DROP FORM. THIS FORM IS AVAILABLE AT REGISTRAR.EDGEWOOD.EDU.

Requirements for the major: Core courses (23 credits)

<input type="checkbox"/>	CHEM 120	S	General Chemistry I
<input type="checkbox"/>	CHEM 121	S	General Chemistry II
<input type="checkbox"/>	CHEM 321		Organic Chemistry I
<input type="checkbox"/>	CHEM 323		Organic Chemistry II
<input type="checkbox"/>	CHEM 351	U	Analytical Chemistry
<input type="checkbox"/>	CHEM 371		Inorganic Chemistry I
<input type="checkbox"/>	CHEM 480	K	Chemistry Seminar

Transfer credit applied (including AP/CLEP/etc):

Course/Institution:

One additional required course:

<input type="checkbox"/>	CHEM 340		Biochemistry
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Four credits from the following:

<input type="checkbox"/>	CHEM 200	2E	Green and Sustainable Chemistry
<input type="checkbox"/>	CHEM 360		Quantum Mechanics
<input type="checkbox"/>	CHEM 361		Physical Chemistry
<input type="checkbox"/>	CHEM 370		Integrated Laboratory
<input type="checkbox"/>	CHEM 420		Advanced Biochemistry
<input type="checkbox"/>	CHEM 431	X	Advanced Organic Chemistry
<input type="checkbox"/>	CHEM 471		Inorganic Chemistry II
<input type="checkbox"/>	CHEM 489		Undergraduate Research (up to two credits)

Ten credits from the following:

<input type="checkbox"/>	PHYS 130	S	General Physics I
<input type="checkbox"/>	PHYS 131	S	General Physics II
<input type="checkbox"/>	PHYS 201	S	College Physics I
<input type="checkbox"/>	PHYS 202	S	College Physics II
<input type="checkbox"/>	BIO 151	ESU	General Biology I

<input type="checkbox"/>	BIO 152	S	General Biology II	
<input type="checkbox"/>	BIO 208		Nutrition	
<input type="checkbox"/>	BIO 210		Anatomy and Physiology I	
<input type="checkbox"/>	BIO 211		Anatomy and Physiology II	
<input type="checkbox"/>	BIO 220	V	Biomechanics	
<input type="checkbox"/>	BIO 312	S	Microbiology	
<input type="checkbox"/>	BIO 351		Organismal Botany	
<input type="checkbox"/>	BIO 352		Organismal Zoology	
<input type="checkbox"/>	BIO 401		Genetics	
<input type="checkbox"/>	BIO 402		Cell & Molecular Biology	
<input type="checkbox"/>	BIO 410		Pathology	
<input type="checkbox"/>	BIO 415		Exercise Physiology	
<input type="checkbox"/>	BIO 425		Animal Physiology	

One mathematics course from among:

<input type="checkbox"/>	MATH 114A	M	Precalculus A: Algebra	
<input type="checkbox"/>	MATH 231	M	Calculus I or a higher level course	

In order to fulfill the Chemistry Major, a student must attain a cumulative grade point average of 2.0 in chemistry courses taken at Edgewood College. If a course is retaken only the most recent grade is taken into consideration in calculating the cumulative grade point average. Any course in which a student receives a grade below "CD" will not be accepted toward the major.

Transfer students must take a minimum of 12 chemistry credits at Edgewood College. All transfer courses must be approved by the department.

Please consult with your academic advisor to learn the details about how you can satisfy your COR 3 requirement.