

CHEMISTRY MAJOR: BIOCHEMICAL CONCENTRATION (BS PROGRAM)

Declaration of Major | 2014-2015 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 400	3	Ethics and Responsibility in Scientific Research
<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)

The following additional science courses:

<input type="checkbox"/>	BIO 151	ESU	General Biology I: Cell Biology and Ecology
			OR

<input type="checkbox"/>	BIO 181	ESU	Honors General Biology: Cell Biology And Ecology
<input type="checkbox"/>	BIO 152	S	General Biology: Genetics and Evolution
<input type="checkbox"/>	BIO 182	S	Honors General Biology: Information Flow in Living Systems



Students will also need to complete two additional credits in biology or physics:



One mathematics course from among:

<input type="checkbox"/>	MATH 114B		Precalculus B: Trigonometry
<input type="checkbox"/>	MATH 231	M	Calculus I (or a higher level course)



Policies:

At least 12 Chemistry credits towards the major must be taken at Edgewood College. All transfer courses must be approved by the department.

2.0 cumulative GPA or better in Chemistry courses.

CD or better in required courses. If a course is retaken only the most recent grade is taken into consideration in calculating the cumulative grade point average.

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