

# CHEMISTRY MAJOR WITH A BIOCHEMISTRY CONCENTRATION

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## Requirements

Along with specific requirements for any major, all students in the Bachelor of Arts and Bachelor of Science degree programs must meet all general education (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/>) and graduation requirements (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/#text>) under a single catalog.

**Chemistry major with a Biochemistry concentration requirements** are as follows:

Code	Title	Credits
<b>Major Requirements (Basic)</b>		
CHEM 231	General Chemistry I	4
CHEM 232	General Chemistry II	4
CHEM 294	Chemistry Colloquium (two credits are required, preferably taken each semester sophomore year)	2
CHEM 336	Inorganic Chemistry	4
CHEM 341	Organic Chemistry I	4
CHEM 342	Organic Chemistry II	4
CHEM 355	Introduction to Analytical Chemistry	2
CHEM 455	Advanced Analytical Chemistry I	2
or CHEM 457	Advanced Analytical Chemistry II	
CHEM 371	Physical Chemistry I	4
CHEM 494	Chemistry In Context	2
Beyond the basic major requirements:		
CHEM 461	General Biochemistry	4
CHEM 462	Advanced Biochemistry	2
CHEM 463	Biochemistry Analysis	2
<b>Total Credits</b>		<b>40</b>

Code	Title	Credits
<b>Required Supporting Courses</b>		
MATH 231	Calculus I	4
Select one of the following:		8
PHYS 221 & PHYS 222	General Physics I and General Physics II	
PHYS 231 & PHYS 232	Introductory Physics I and Introductory Physics II	
<b>Total Credits</b>		<b>12</b>