

MAJOR IN CHEMISTRY (BIOCHEMISTRY EMPHASIS)

Code	Title	Credits
Required Chemistry Courses (44 Credits)		
CHE201		3
CHE211		1
CHE202		3
CHE212		1
CHE303		4
CHE314		3
CHE318		3
CHE306		1
CHE319		3
CHE309		1
CHE321		3
CHE322		3
CHE323		3
CHE314		3
Select one of the following:		3
CHE461		
A Chemistry course at 400- or 500-level approved by the Chair		
CHE570		3
CHE490		3
Required Cognate Courses (31 Credits)		
MAT251		4
MAT252		4
MAT341		3
PHY201	and	4
& PHY211		
PHY202	and	4
& PHY212		
BIO201	and	4
& BIO211		
BIO202	and	4
& BIO212		
BIO320		4
Total Credits		75

¹ Or a Chemistry 400 or 500 level course approved by the Chair.

This **eight-semester plan** (see important details (<http://catalog.newpaltz.edu/undergraduate/additional-information-about-8-semester-plans>)) is intended to guide a first-year student through a four-year undergraduate career, with completion of an academic major and all college-wide degree requirements. The plan is designed as an **advising tool** – a starting point for careful discussions between a student and his/her academic adviser. In consultation, the student and adviser will adjust the plan to accommodate the student's prerequisite needs, transferred credits, and other such variables.

Students are responsible for reviewing their Progress Reports (<https://www3.newpaltz.edu/progressreports>) each semester to track their own progress toward degree requirements.

Course	Title	Credits
Year 1		
Fall		
Gen Ed: Composition (COMP)		3
CHE201		3
CHE211		1
MAT251		4
BIO201		3
BIO211		1
Credits		15
Spring		
Gen Ed: Composition (COMP)		3
CHE202	NSCI	3
CHE212		1
MAT252		4
BIO202		3
BIO212		1
Credits		15
Year 2		
Fall		
CHE318		3
CHE306		1
PHY201	NSCI	3
PHY211		1
MAT341		3
Gen Ed: Foreign Languages (FLNG)		3
Credits		14
Spring		
CHE319		3
CHE309		1
PHY202	NSCI	3
PHY212		1
Gen Ed: Foreign Languages (FLNG)		3
Gen Ed: Social Sciences (SSCI)		3
Credits		14
Year 3		
Fall		
CHE322		3
Gen Ed: United States Studies (USST)		3
Gen Ed: Diversity (DIVR)		3
CHE303		4
Elective		3
Credits		16
Spring		
CHE321		3
CHE323	WI	3
CHE490		3
Gen Ed: World Civilizations and Cultures (WRLD)		3
Elective		3
Credits		15

Year 4

Fall

BCM461	3
BCM463	1
CHE314	3
BIO320	3
Gen Ed: Humanities (HUM)	3
Elective	3
Credits	16

Spring

BCM470	3
Gen Ed: The Arts (ART)	3
Gen Ed: Western Civilization (WEST)	3
Electives	6
Credits	15
Total Credits	120