

Bachelor of Science 2024-25

Chemistry Major, Health Professional Emphasis

Major Codes CH09

CIP Code: 400501

Cr Hrs

General Education CORE 42 Requirements 42*		32
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (BIO 110 or CHEM 151 or PHYS 160)	
Area 3B	Natural science With Lab (BIO 110 or CHEM 151 or PHYS 160)	
Area 4	Mathematics (MATH 150)	
Area 5A	Humanities (Mod. Lang. for 3)	3
Area 5B	Fine Arts	3
Area 5C	Global Competencies (Mod. Lang.)	
Area 5D	Health and Wellness	2
UE 100	University Experience**	1
Chemistry Requirements		36
CHEM 151	General Chemistry I	5
CHEM 152	General Chemistry II	5
CHEM 301	Organic Chemistry I	5
CHEM 302	Organic Chemistry II	5
CHEM 350	Biochemistry	3
Chemistry Electives (300 level or higher)		13
Supporting Requirements		21
BIO 110	Principles of Biology I	4
BIO 111	Principles of Biology II	4
PHYS 160	Elementary College Physics I**	4
PHYS 162	Elementary College Physics II	4
MATH 150	Calculus & Analytic Geometry I**	5
Electives***		30
Total Hours	Must include at 39 upper division (300-400) hrs	120

*CHEM 140 and BIO 108/109 satisfy CORE 42 area 3A&B (7 hours) and math requirements satisfy CORE 42 area 4 (3 hours).

^Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

**See Prerequisites

***Suggested Electives (CHEM 201, 352, 355, 450, 497, BIO 201, 231, 301 and MATH 310)