

Chemistry Major

Associate Professor: B. Dhital, B Hansert (Chair)

Assistant Professors: L. Strawsine

Visiting Assistant Professor: R. Zumwalt

Contact: Dr. Bernie Hansert

Email: Bernie.hansert@wcmo.edu

The Department of Chemistry offers a major program of study leading to a Bachelor of Arts in Chemistry as well as a minor program of study in chemistry. Introduction to Chemistry/Lab (CHM 105/106) satisfies the general education requirement for a laboratory science course. The objectives of course work and programs in this department are to give students a clear insight into the underlying principles of chemical phenomena and to introduce them to the analytical and reasoning skills that produce this insight. By emphasizing principles, courses in chemistry contribute to a student's general education and furnish a sound foundation for graduate and professional study and careers in chemistry and other scientific, technical and professional fields.

Students intending to major or minor in chemistry must earn a letter grade of C- or better in all required chemistry courses.

Students planning graduate study in chemistry are strongly encouraged to take PHY 223 Physics III, MAT 215 Linear Algebra, MAT 312 Differential Equations, and CSC 111 Fundamentals of Computer Science I.

No more than 40 credit hours in chemistry courses may be counted toward the 122 credit hours required for graduation.

ACADEMIC REQUIREMENTS SUMMARY SHEET

ACADEMIC YEAR 2024-2025

Major: CHEMISTRY

 Student's Last Name _____ First Name _____ Middle Initial _____

 Advisor _____ Date Major Declared _____

Course Code	Title	Hours	Semester	Grade
Required Courses (38 hours)				
CHM 114/115	General Chemistry I	4		
CHM 124/125	General Chemistry II	4		
CHM 304	Inorganic Chemistry	3		
CHM 314/315	Organic Chemistry I	4		
CHM 324/325	Organic Chemistry II	4		
CHM 334/335	Analytical Chemistry I	4		
CHM 344/345	Analytical Chemistry II	4		
CHM 424/425	Physical Chemistry I	4		
CHM 434/435	Physical Chemistry II	4		
	One Elective course chosen from courses above the 200 level	3-4		
Other Required Courses				
	Mathematics courses through MAT 224 Calculus III	13		
PHY 201	Physics I	4		
PHY 212	Physics II	4		
Total Hours for Major		59-60		

If any substitutions or waivers of requirements are allowed, please list below and initial.

 Advisor Signature _____

Department Chair Signature _____