

Freshman Year

Fall Semester

CHEM 120/121	College Chemistry I & Lab	5
MATH 117	Trigonometry Colonnade Foundations (F-QR)	3
SMED 101	Step 1: Intro to Inquiry-Based Appr Colonnade Explorations (E-SB)	1
ENG 100	Intro to College Writing Colonnade Foundations (F-W1)	3
HIST 101 or 102	World History I or II Colonnade Foundations (F-SB)	3
Semester Total		15

Spring Semester

CHEM 222/223	College Chemistry II & Lab	5
MATH 136	Calculus I	4
SMED 102	Step 2: Intro to Inquiry-Based Less. Des. Colonnade Explorations (E-SB)	2
COMM 145	Fundamentals of Speaking/Comm Colonnade Foundations (F-OC)	3
ENG 200	Intro to Literature Colonnade Foundations (F-AH)	3
Semester Total		17

Sophomore Year

Fall Semester

CHEM 330	Quantitative Analysis & Lab	5
PHYS 231/232	Biophysics I & Lab	4
SMED 310	Knowing and Learning in Math/Sci	3
SMED 320	Classroom Interactions	3
Semester Total		15

Spring Semester

CHEM 340/341	Organic Chemistry I & Lab	5
PHYS 332/233	Biophysics II & Lab	4
SMED 340	Perspectives	3
ENG 300	Writing in the Disciplines Colonnade Foundations (F-W2)	3
Semester Total		15

Junior Year

Fall Semester

CHEM 320 ¹	Fund. of Inorganic Chemistry	3
GEOL 111/113	The Earth & Lab Colonnade Explorations (E-NS/SL)	4
SPED 330	Diversity in Learning	3
Arts/Humanities	Colonnade Explorations (E-AH)	3
Soc/Cultural	Colonnade Connections (K-SC)	3
Semester Total		16

Spring Semester

CHEM 450/451	Physical Chemistry I & Lab	5
SMED 360	Research Methods for Math/Sci Tch	3
LTCY 421	Content-area Reading	3
Local/Global	Colonnade Connections (K-LG)	3
Semester Total		14

Senior Year

Fall Semester

CHEM 446/447	Biochemistry I & Lab	5
SMED 470	Project Based Instruction	3
Systems	Colonnade Connections (K-SY)	3
Electives		4
Semester Total		15

Spring Semester

SEC 490	Student Teaching	10
SMED 489	Student Teaching Seminar	3
Semester Total		13

For more information contact:

Department of Chemistry
 Western Kentucky University
 1906 College Heights Blvd #11079
 Bowling Green, KY 42101-1079
 (270) 745-3457
www.wku.edu/chemistry
chemistry@wku.edu

- This plan of study is based on Fall 2019 catalog information and is designed to be an aid for advising and planning.
- The ordering of certain courses is important, although some shuffling is possible (especially with Colonnade and elective courses). Please consult with your faculty advisor.
- WKU requires 42 hours of upper-division courses for graduation.

¹ Course offered only in fall semesters