

Freshman Year

Fall Semester

CHEM 120/121	College Chemistry I & Lab	5
MATH 136	Calculus I Colonnade Foundations (F-QR)	4
ENG 100	Intro to College Writing Colonnade Foundations (F-W1)	3
Soc/Behavioral	Colonnade Explorations (E-SB)	3
	Semester Total	15

Spring Semester

CHEM 222/223	College Chemistry II & Lab	5
MATH 137	Calculus II (Recommended)	4
COMM 145	Fundamentals of Speaking/Comm Colonnade Foundations (F-OC)	3
ENG 200	Intro to Literature Colonnade Foundations (F-AH)	3
	Semester Total	15

Sophomore Year

Fall Semester

CHEM 330	Quantitative Analysis & Lab	5
CHEM 320 ¹	Fund. of Inorganic Chemistry	3
PHYS 255/256 ²	University Physics I & Lab	5
ENG 300	Writing in the Disciplines Colonnade Foundations (F-W2)	3
	Semester Total	16

Spring Semester

CHEM 340/341	Organic Chemistry I & Lab	5
MATH 237	Multivariable Calculus (Recommended)	4
PHYS 265/266 ²	University Physics II & Lab	5
	Semester Total	14

Junior Year

Fall Semester

CHEM 342/343	Organic Chemistry II & Lab	5
CHEM 398 ¹	Undergraduate Seminar	1
CHEM 399	Research	1
CHEM 450/451	Physical Chemistry I & Lab	5
HIST 101 or 102	World History I or II Colonnade Foundations (F-SB)	3
	Semester Total	15

Spring Semester

CHEM 399	Research	1
CHEM 446	Biochemistry I	3
CHEM 452/453 ³	Physical Chemistry II & Lab	5
Arts/Humanities	Colonnade Explorations (E-AH)	3
Soc/Cultural	Colonnade Connections (K-SC)	3
	Semester Total	15

Senior Year

Fall Semester

CHEM 399	Research (Elective)	1
CHEM 435/436 ¹	Instrumental Analysis & Lab	5
Local/Global	Colonnade Connections (K-LG)	3
Elective		3
Elective		3
	Semester Total	15

Spring Semester

CHEM 399	Research (Elective)	2
CHEM 420/421 ³	Inorganic Chemistry & Lab	4
Systems	Colonnade Connections (K-SY)	3
Elective		3
Elective		3
	Semester Total	15

For more information contact:

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- 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

² PHYS 231/232/332/233 can be substituted for PHYS 255/256/265/266

³ Course offered only in spring semesters