

Freshman Year

Fall Semester

CHEM 120/121	College Chemistry I & Lab	5
BIOL 120/121	Bio Concepts: Cells/Metabolism Colonnade Explorations (E-NS/SL)	4
MATH 136	Calculus I Colonnade Foundations (F-QR)	4
ENG 100	Intro to College Writing Colonnade Foundations (F-W1)	3
	Semester Total	16

Spring Semester

CHEM 222/223	College Chemistry II & Lab	5
BIOL 122/123	Bio Concepts: Evolution/Diversity	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 231/232	Biophysics I & Lab	4
ENG 300	Writing in the Disciplines Colonnade Foundations (F-W2)	3
	Semester Total	15

Spring Semester

CHEM 340/341	Organic Chemistry I & Lab	5
BIOL 319/322 ²	Intro to Cell/Molec & Lab	4
PHYS 322/233	Biophysics II & Lab	4
HIST 101 or 102	World History I or II Colonnade Foundations (F-SB)	3
	Semester Total	16

Junior Year

Fall Semester

CHEM 342/343	Organic Chemistry II & Lab	5
CHEM 398 ¹	Undergraduate Seminar	1
Arts/Humanities	Colonnade Explorations (E-AH)	3
Soc/Behavioral	Colonnade Explorations (E-SB)	3
Elective	or Course in Minor (BIOL 2XX/3XX)	3
	Semester Total	15

Spring Semester

CHEM 446/447	Biochemistry I & Lab	5
CHEM 399	Research (Elective)	3
BIOL 411 ²	Cell Biology	3
Elective	or Course in Minor (BIOL 3XX/4XX)	3
	Semester Total	14

Senior Year

Fall Semester

CHEM 450/451	Physical Chemistry I & Lab	5
Soc/Cultural	Colonnade Connections (K-SC)	3
Local/Global	Colonnade Connections (K-LG)	3
Elective	or Course in Minor (BIOL 3XX/4XX)	3
	Semester Total	14

Spring Semester

CHEM 467 ²	Biochemistry II	3
Systems	Colonnade Connections (K-SY)	3
Elective	or Course in Minor (BIOL 3XX/4XX)	3
Elective	or Course in Minor (BIOL 3XX/4XX)	3
Elective	or Course in Minor (BIOL 3XX/4XX)	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 Course offered only in spring semesters