























**Freshman Year**

**First Semester: Fall**

CHEM 120/121	College Chemistry I	5 hrs
MATH 136	Calculus I	4 hrs
Foundation	College Composition	3 hrs
Elective		<u>3 hrs</u>
		<b>15 hrs</b>

**Second Semester: Spring**

CHEM 222/223	College Chemistry II	5 hrs
MATH 137	Calculus II	4 hrs
Foundation	World History	3 hrs
Foundation	Literary Studies	<u>3 hrs</u>
		<b>15 hrs</b>

**Sophomore Year**

**Third Semester: Fall**

CHEM 330	Quantitative Analysis& Lab	5 hrs
PHYS 255/256	Univ Physics I & Lab	5 hrs
CHEM 320	Inorganic Chem I	3 hrs
Foundation	Writing in Discipline	<u>3 hrs</u>
		<b>16 hrs</b>

**Fourth Semester: Spring**

CHEM 340/341	Organic I & Lab	5 hrs
PHYS 265/266	Univ Physics II & Lab	5 hrs
MATH 237	Multivariable Calculus	<u>4 hrs</u>
		<b>14 hrs</b>

**Junior Year**

**Fifth Semester: Fall**

CHEM 342/343	Organic II & Lab	5 hrs
CHEM 450/451	P.Chem I & Lab <sup>F</sup>	5 hrs
Foundations	Human Communication	3 hrs
CHEM 399	Lab Research	1 hr
CHEM 398	Undergraduate Seminar	<u>1 hr</u>
		<b>15 hrs</b>

**Sixth Semester: Spring**

CHEM 452G/453	P.Chem II & Lab <sup>S</sup>	5 hrs
CHEM 446	Biochemistry I	3 hrs
Explorations	Arts & Humanities	3 hrs
Connections	Local to Global	3 hrs
CHEM 399	Lab Research	<u>1 hr</u>
		<b>15 hrs</b>

**Senior Year**

**Seventh Semester: Fall**

CHEM 435G	Instrumental Analysis <sup>F</sup>	3 hrs
CHEM 436	Instrumental Analysis Lab <sup>F</sup>	2 hrs
CHEM 399	Lab Research	1 hr
Elective	300/400 Chem or Math Elective	3 hrs
Explorations	Social & Behavior Sciences	3 hrs
Elective		3 hrs
CHEM 598	Graduate Seminar	<u>0.5hrs</u>
		<b>15.5 hrs</b>

**Eighth Semester: Spring**

CHEM 420	Inorganic Chemistry <sup>S</sup>	3 hrs
CHEM 421	Inorganic Chemistry Lab <sup>S</sup>	1 hr
CHEM 5XX		3 hrs
Connections	Systems	3 hrs
CHEM 588	Research Proposal	3 hrs
CHEM 399	Lab Research	1 hr
CHEM 598	Graduate Seminar	<u>0.5hrs</u>
		<b>15.5 hrs</b>

**Graduate Year**

**Ninth Semester: Fall**

CHEM 595	Scientific Writing in Chemistry	3 hrs
CHEM 599	Thesis Writing	3 hrs
CHEM 5XX		3 hrs
Elective		3 hrs
Connections	Social/Cultural	3 hrs
CHEM 598	Graduate Seminar	<u>0.5 hrs</u>
		<b>15.5 hrs</b>

**Tenth Semester: Spring**

CHEM 5XX		6 hrs
Elective	Upper Division Electives	3 hrs
CHEM 599	Thesis Writing	3 hrs
CHEM 598	Graduate Seminar	<u>0.5hrs</u>
		<b>12.5 hrs</b>

**For more information, email us at:**

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<sup>S</sup>- Spring semester only

<sup>F</sup>- Fall semester only

•The ordering of certain courses is important, although some shuffling is possible, especially with respect to general education and elective courses. Please see your advisor.

•WKU requires 42 hours of upper-division courses (not counting 500-level courses) for graduation; this plan double counts nine hours towards both the graduate and undergraduate plans

•These plans of study are kept as accurate and up-to-date as possible and designed to be an aid for advising.















