

**Freshman Year**
**First Semester: Fall**

CHEM 120/121	College Chemistry I	5 hrs
MATH 136	Calculus I	4 hrs
Foundation	College Composition	3 hrs
BIOL 120/121	Biol Conc Cell	<u>4 hrs</u>
		<b>16 hrs</b>

**Sophomore Year**
**Third Semester: Fall**

CHEM 330	Quantitative Analysis & Lab	5 hrs
Foundation	Human Communication	3 hrs
BIOL 319/322	Intro Mol and Cell Biol	4 hrs
PHYS 231/232	Biophysics I & Lab	<u>4 hrs</u>
		<b>16 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
BIOL 411	Cell Biology	3 hrs
CHEM 398	Undergraduate Seminar	<u>1 hr</u>
		<b>14 hrs</b>

**Senior Year**
**Seventh Semester: Fall**

CHEM 435G	Instrumental Analysis <sup>F</sup>	3 hrs
CHEM 446	Biochemistry I	3 hrs
CHEM 447G	Biochemistry Lab	2 hrs
Explorations	Social & Behavior Sciences	3 hrs
Connections	Local to Global	3 hrs
CHEM 598	Graduate Seminar	<u>0.5hrs</u>
		<b>14.5 hrs</b>

**Graduate Year**
**Ninth Semester: Fall**

CHEM 580	Lab Chemical	3 hrs
CHEM 599	Thesis Writing	2 hrs
Elective		3 hrs
CHEM 535/562	Anal Biochem/Adv Biochem	3 hrs
CHEM 598	Graduate Seminar	<u>0.5 hrs</u>
		<b>11.5 hrs</b>

**Second Semester: Spring**

CHEM 222/223	College Chemistry II	5 hrs
MATH 137	Calculus II	4 hrs
BIOL 122/123	Biol Conc Evol	4 hrs
Foundation	Literary Studies	<u>3 hrs</u>
		<b>16 hrs</b>

**Fourth Semester: Spring**

CHEM 340/341	Organic I & Lab	5 hrs
PHYS 332/233	Biophysics II & Lab	5 hrs
Elective		3 hrs
Foundation	Writing in Discipline	<u>3 hrs</u>
		<b>16 hrs</b>

**Sixth Semester: Spring**

CHEM 452G/453	P.Chem II & Lab <sup>S</sup>	5 hrs
Foundation	World History	3 hrs
Explorations	Arts & Humanities	3 hrs
Elective		3 hrs
CHEM 399	Lab Research (Elective)	<u>2 hrs</u>
		<b>16 hrs</b>

**Eighth Semester: Spring**

CHEM 520	Adv. Inorganic Chemistry	3 hrs
CHEM 516	Literature Survey	1 hr
CHEM 467G	Biochemistry II	3 hrs
Connections	Systems	3 hrs
Connections	Social & Cultural	3 hrs
CHEM 596	Research Practicum	1 hr
CHEM 598	Graduate Seminar	<u>0.5hrs</u>
		<b>14.5 hrs</b>

**Tenth Semester: Spring**

CHEM 5XX		9 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.
- These plans of study are kept as accurate and up-to-date as possible and designed to be an aid for advising.