

### Freshman Year

#### First Semester: Fall

CHEM 120/121	College Chemistry I	5 hrs
MATH 117	Trigonometry	3 hrs
SMED 101	Inquiry-Based Approaches	1 hr
Foundation	World History	3 hrs
Foundation	College Composition	<u>3 hrs</u>
		<b>15 hrs</b>

#### Second Semester: Spring

CHEM 222/223	College Chemistry II	5 hrs
SMED 102	Inquiry-Based Lessons	2 hrs
GEOL 111/113	The Earth	4 hrs
Foundation	Human Communication	3 hrs
Foundation	Literary Studies	<u>3 hrs</u>
		<b>17 hrs</b>

### Sophomore Year

#### Third Semester: Fall

CHEM 330	Quantitative Analysis& Lab	5 hrs
PHYS 231/232	Biophysics I & Lab	4 hrs
SMED 310	Knowing and Learning	3 hrs
MATH 136	Calculus I	<u>4 hrs</u>
		<b>16 hrs</b>

#### Fourth Semester: Spring

CHEM 340/341	Organic I & Lab	
(or 314	Intro to Organic Chemistry)	5 hrs
PHYS 232/332	Biophysics II & Lab	4 hrs
SMED 340	Perspectives	3 hrs
Foundation	Writing in Disciplines	<u>3 hrs</u>
		<b>15 hrs</b>

### Junior Year

#### Fifth Semester: Fall

CHEM 320	Inorganic Chemistry	3 hrs
Explorations	Arts & Humanities	3 hrs
Explorations	Social & Behavior Sciences	3 hrs
SPED 300	Diversity in Learning	3 hrs
SMED 320	Classroom Interactions	<u>3 hrs</u>
		<b>15 hrs</b>

#### Sixth Semester: Spring

CHEM 412	Intro Phys.Chem	5 hrs
SMED 360	Research Methods	3 hrs
LTCY 421	Content-area reading	3 hrs
Connections	Social and Cultural	<u>3 hrs</u>
		<b>14 hrs</b>

### Senior Year

#### Seventh Semester: Fall

CHEM 446/447	Biochemistry I & Lab	5 hrs
SMED 470	Project Based Instruction	3 hrs
CHEM 399	Research	2 hrs
Connections	Local to Global	3 hrs
Connections	Systems	<u>3 hrs</u>
		<b>16 hrs</b>

#### Eighth Semester: Spring

SEC 490	Student teaching	10 hrs
SMED 489	Student teaching seminar	<u>3 hrs</u>
		<b>13 hrs</b>

#### For more information

##### Contact

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##### Department Chair

Dr. Stuart Burris, [stuart.burris@wku.edu](mailto:stuart.burris@wku.edu)

- 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 for graduation.
- These plans of study are kept as accurate and up-to-date as possible and designed to be an aid for advising or the filing of a degree program.