



**BACHELOR of SCIENCE in CHEMISTRY (#623)**  
**FOUNDATIONS MAJOR**  
**REQUIRES SECOND MAJOR OR MINOR**  
 Department of Chemistry  
 Ogden College of Science and Engineering  
 Western Kentucky University

The following four-year plan is an example of how to map your program in consultation with your faculty advisor.  
 Every student will finish with a unique plan of his/her own depending on the electives selected.

**Success Markers**

**SAMPLE - 4 year plan**

<b>FIRST YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	<i>Visit <a href="#">ACDC</a> to meet your professional advisor</i>  <i>Volunteer or Join a Student Organization like Chemistry Club</i>	CHEM 120/121 College Chemistry I & Lab	5	CHEM 222/223 College Chemistry II & Lab
Colonnade Foundations (F-QR) MATH 136 – Calculus I		4	MATH 137 Calculus II (recommended)	4
Colonnade Foundations (F-W1) ENG 100 – Intro to College Writing		3	Colonnade Foundations (F-OC) COMM 145 – Fund. of Speaking/Comm	3
Elective or Course in Minor		3	Colonnade Foundations (F-AH) ENG 200 – Intro to Literature	3
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

<b>SECOND YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	<i>Explore Research Opportunities with Faculty Members</i>  <i>Visit ACDC to discuss Career Development advice</i>	CHEM 330 Quantitative Analysis & Lab	5	CHEM 340/341 Organic Chemistry I & Lab
PHYS 255/256 University Physics I & Lab		5	PHYS 265/266 University Physics II & Lab	5
CHEM 320 Fundamentals of Inorganic Chemistry		3	Colonnade Foundations (F-SB) HIST 101 or 102 – World History I or II	3
Colonnade Foundations (F-W2) ENG 300 – Writing in the Disciplines		3	Elective or Course in Minor	3
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	

<b>SUMMER TERM</b>	<b>Summer Term</b>	
<b>TOTAL CREDIT HOURS</b>		

THIRD YEAR	Fall Semester		Spring Semester	
	<i>Participate in Research with a Faculty Member</i>  <i>Apply for Graduation</i> <a href="#">CLICK HERE</a>	CHEM 342/343 Organic Chemistry II & Lab	5	CHEM 446 Biochemistry I
CHEM 398 Undergraduate Seminar		1	CHEM 399 Research (Elective)	3
Colonnade Explorations (E-AH) Arts & Humanities (e.g. ART 100)		3	Colonnade Connections (K-SC) Social & Cultural (e.g. PSYS 350)	3
Colonnade Explorations (E-SB) Social & Behavior Sciences (e.g. PSYS 100)		3	Elective or Course in Minor	3
Colonnade Explorations (E-NS) Natural Science (e.g. BIOL 120)		3	Elective or Course in Minor	3
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

FOURTH YEAR	Fall Semester		Spring Semester	
	<i>Celebrate!</i>	CHEM 450/451 Physical Chemistry I & Lab	5	Colonnade Connections (L-SY) Systems (e.g. HMD 211)
Colonnade Connections (K-LG) Local to Global (e.g. ANTH 388)		3	Elective or Course in Minor	3
Elective or Course in Minor		3	Elective or Course in Minor	3
Elective or Course in Minor		3	Elective or Course in Minor	3
			Elective or Course in Minor	3
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

**Total Credit Hours:121**

**PLEASE NOTE:** Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

Course Descriptions may be viewed at <http://www.wku.edu/catalog>

**For more Information:**

**Department:** Chemistry

**Website:** [www.wku.edu/chemistry](http://www.wku.edu/chemistry)

**Phone:** Chemistry – (270) 745-3457

**Email:** [chemistry@wku.edu](mailto:chemistry@wku.edu)

Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>