

**Departmental/Program Major Courses (112-122 credits)**

**Required Major Courses (87 credits)**

_____ (5)CHM12500	Introduction to Chemistry I ( <i>satisfies Science Selective for core</i> )
_____ (5)CHM12600	Introduction to Chemistry II
_____ (3)CHM26505	Organic Chemistry
_____ (2)CHM26500	Organic Chemistry Lab
_____ (3)CHM26605	Organic Chemistry
_____ (2)CHM26600	Organic Chemistry Lab
_____ (4)CHM32100	Analytical Chemistry I
_____ (4)CHM24100	Intro to Inorganic Chemistry
_____ (3)CHM34200	Inorganic Chemistry
_____ (1)CHM 34201	Inorganic Chemistry Lab
_____ (3)CHM37300	Physical Chemistry
_____ (3)CHM37400	Physical Chemistry
_____ (2)CHM37600	Physical Chemistry Lab
_____ (4)CHM 42400	Analytical Chemistry II
_____ (1)CHM 51300	Chemical Literature
_____ (3)CHM 53300	Intro to Biochemistry
_____ (1)CHM19400	Freshman Chemistry Seminar
_____ (1)CHM 29400	Sophomore Chemistry Seminar
_____ (1)CHM49400	Junior/Senior Chemistry Seminar
_____ (5)MA16100	Plane Analytical Geometry Calculus I ( <i>satisfies Quantitative Reasoning Selective for core</i> )
_____ (5)MA16200	Plane Analytical Geometry Calculus II
_____ (4)MA 26100	Multivariate Calculus
_____ (4)MA 26200	Linear Algebra Differential Equations
_____ (4)PHYS 17200	Modern Mechanics ( <i>satisfies Science Selective for core</i> )
_____ (4)PHYS 27200	Electricity and Magnetism ( <i>satisfies Science Selective for core</i> )

**Other Departmental /Program Course Requirements (29-38 credits)**

_____ (4)ENGL10600	<i>(satisfies Written Communication for core) (satisfies Information Literacy Selective for core)</i>
_____ (3)COM21700	<i>(satisfies Oral Communication for core)</i>
_____ (0-3)Language1	Selective <a href="#">LINK</a>
_____ (0-3)Language2	Selective <a href="#">LINK</a>
_____ (0-3)Language_Culture3	Selective ( <i>select courses could satisfy Human Cultures Humanities for core.</i> ) <a href="#">LINK</a>
_____ (3)GeneralEd1	Selective ( <i>select courses could satisfy Human Cultures Humanities for core</i> ) <a href="#">LINK</a>
_____ (3)GeneralEd2	Selective ( <i>select courses could satisfy Human Cultures Humanities for core</i> ) <a href="#">LINK</a>
_____ (3)GeneralEd3	Selective ( <i>select courses could satisfy Human Culture Behavioral/Social Science for core</i> )
_____ (3)Great Issues	Selective <a href="#">LINK</a>
_____ (3)Multidisciplinary	Selective ( <i>can be satisfied with a minor</i> )
_____ (3)STAT30100or35000	<i>(satisfies Information Literacy Selective for core)</i>
_____ (3-4)CS158 or CS177	Computing

**Electives (0-8 credits)**

\_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_

**University Core Requirements [LINK](#)**

Human Cultures Humanities	<input type="checkbox"/>	_____	Science, Technology & Society Selective	<input type="checkbox"/>	_____
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	_____	Written Communication	<input type="checkbox"/>	_____
Information Literacy	<input type="checkbox"/>	_____	Oral Communication	<input type="checkbox"/>	_____
Science Selective	<input type="checkbox"/>	_____	Quantitative Reasoning	<input type="checkbox"/>	_____
Science Selective	<input type="checkbox"/>	_____			

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**The student is ultimately responsible for knowing and completing all degree requirements.  
Degree Works is knowledge source for specific requirements and completion**

## Chemistry (ACS)

### Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
5	CHM 12500*		5	CHM 12600	CHM 12500
5	MA 16100	ALEKS 75	5	MA 16200	MA 16100
4	ENGL 10600*		3	Language II **	Lang 10100
1	CHM 19400		4	PHYS 17200	MA 16100
3	Language I**				
<b>18</b>			<b>17</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	CHM 26505	CHM 12600	3	CHM 26605	CHM 26505
2	CHM 26500	CHM 12600	3	CHM 26600	CHM 26500
4	MA 26100	MA 16200	3	COM 21700	ENGL 10600
4	PHYS 27200	PHYS 17200	4	MA 26200	MA 26100
3	Language and Culture		3	General Education	
<b>16</b>			<b>16</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
4	CHM 32100	CHM 12600	4	CHM 24100	CHM 12600
3	STAT 30100*		3	CHM 37400	CHM 37300
3	CHM 37300	PHYS 27200	2	CHM 37600	CHM 37300
3 or 4	CS 17700 or CS 15800		3	General Education **	
			1	CHM 51300	
<b>13 or 14</b>			<b>13</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	CHM 53300	CHM 32100	3	CHM 34200	CHM 37300
3	CHM 42400	CHM 32100	2	CHM 34201	CHM 34200
3	Multidisc.**/STS Selective		3	CHM 49400	
3	General Education **		3	Free elective	
3	CHM Elective		3	Great Issues	Jr/Sr class
<b>15</b>			<b>14</b>		

\*Satisfies a University Core Requirement

\*\*Satisfies a Non-departmental Major Course Requirement

Students must earn a "C-" or better in all required university core courses.

Students must earn a cumulative GPA of 2.0 in all CHM courses.

**120 semester credits required for Bachelor of Science degree.**

**2.0 Graduation GPA required for Bachelor of Science degree.**

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