

**BACHELOR OF SCIENCE  
MAJOR IN CHEMISTRY**

Following is one suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate online.

\*See *Appendix A Core Curriculum and Optional Course Information*.

<b>FALL</b>			<b>HOURS</b>	<b>SPRING</b>			<b>HOURS</b>
<b>FRESHMAN YEAR</b>				<b>FRESHMAN YEAR</b>			
BIOL	1306	Principles of Biology I	3	CHEM	1412	General Chemistry II	4
BIOL	1106	Principles of Biology I Lab	1	ENGL	1302	English Composition II	3
CHEM	1311	General Chemistry I	3	HIST	1302	The U.S. Since 1877	3
CHEM	1111	General Chemistry I Lab	1	UNIV	1402	Signature Course	4
ENGL	1301	English Composition I	3			Soc/Behavioral Science*	<u>3</u>
HIST	1301	The U.S. to 1877	3				
UNIV	1101	Learning in a Global Context I	<u>1</u>				
<b>Total</b>			<b>15</b>				<b>17</b>
<b>SOPHOMORE YEAR</b>				<b>SOPHOMORE YEAR</b>			
CHEM	2423	Organic Chemistry I	4	CHEM	2425	Organic Chemistry II	4
PHYS	1301	General Physics I	3	PHYS	1302	General Physics II	3
PHYS	1101	Physics I Lab	1	PHYS	1102	Physics II Lab	1
MATH	2413	Calculus I	4	MATH	2414	Calculus II	4
PSCI	2305	American National Govt	<u>3</u>	PSCI	2306	American State Govt	<u>3</u>
<b>Total</b>			<b>15</b>				<b>15</b>
<b>JUNIOR YEAR</b>				<b>JUNIOR YEAR</b>			
CHEM	3405	Analytical Chemistry I	4	CHEM		Advanced CHEM Elec <sup>1</sup>	4
CHEM	3451	Biochemistry I	4	CHEM	4198	Investigations in Chemistry	1
		Creative Arts*	3	MATH	3330	Differential Equations	3
		Minor Elective**	<u>3</u>			Language, Philosophy, & Culture	3
						Minor Elective**	<u>3</u>
<b>Total</b>			<b>14</b>				<b>14</b>
<b>SENIOR YEAR</b>				<b>SENIOR YEAR</b>			
CHEM	3431	Physical Chemistry I	4	CHEM	4120	Senior Seminar	1
CHEM	4120	Senior Seminar	1	CHEM		Advanced CHEM Elec <sup>1</sup>	4
CHEM	4411	Inorganic Chemistry	4	CHEM		Advanced CHEM Elec <sup>1</sup>	4
		Adv Minor Elective**	3			Adv Minor Elective**	3
		Adv Minor Elective**	<u>3</u>			Adv Minor Elective**	<u>3</u>
<b>Total</b>			<b>15</b>				<b>15</b>

**TOTAL SEMESTER CREDIT HOURS: 120**

<sup>1</sup>Advanced Chemistry electives, select 12 SCH from any additional CHEM 3000-4000 level course.

*Actual degree plans may vary depending on availability of courses in a given semester.  
Some courses may require prerequisites not listed.*