

**BS Chemistry Regular Track**

<b>First Year</b>		
<b>First Semester</b>		
General Chemistry 1 for Majors	CHEM 1130	3 hrs
General Chemistry 1 Lab	CHEM 1115	1 hr
Calculus I	MATH 1510	4 hrs
<b>Second Semester</b>		
General Chemistry 2 for Majors	CHEM 1140	3 hrs
General Chemistry 2 Lab	CHEM 1125	1 hr
Calculus 2	MATH 1520	4 hrs
First Year Mentoring	CHEM 1950	0 hr
<b>Second Year</b>		
<b>First Semester</b>		
Organic Chemistry 1 for Majors	CHEM 2430	3 hrs
Organic Chemistry 1 Majors Lab	CHEM 2435	1 hr
Engineering Physics 1	PHYS 1610	3 hrs
Engineering Physics 1 Lab	PHYS 1620	1 hr
<b>Second Semester</b>		
Analytical Chemistry 1	CHEM 2200	2 hrs
Analytical Chemistry 1 Lab	CHEM 2205	2 hrs
Organic Chemistry 2 for Majors	CHEM 2440	3 hrs
Organic Chemistry 2 Majors Lab	CHEM 2445	1 hr
Engineering Physics 2	PHYS 1630	3 hrs
Engineering Physics 2 Lab	PHYS 1640	1 hr
Second Year Mentoring	CHEM 2950	0 hr
<b>Third Year</b>		
<b>First Semester</b>		
Physical Chemistry 1	CHEM 3330	3 hrs
The Chemical Literature	CHEM 3100	1 hr
<b>Second Semester</b>		
Physical Chemistry 2	CHEM 3340	3 hrs
Physical Chemistry Lab	CHEM 3345	1 hr
Organic Spectroscopy	CHEM 4400	3 hrs
Undergraduate Research	CHEM 3970	1 hr
<b>Fourth Year</b>		
<b>First Semester</b>		
Inorganic Chemistry	CHEM 4500	3 hr
Analytical Chemistry 2	CHEM 4200	3 hrs
Analytical Chemistry 3	CHEM 4205	1 hr
Undergraduate Research	CHEM 3970	1 hr
<b>Second Semester</b>		
General Biochemistry	CHEM 3600	3 hrs
Mathematical Techniques	CHEM 4300	3 hr
Inorganic Chemistry Lab	CHEM 4505	1 hr
Undergraduate Research	CHEM 3970	1 hr
Senior Residency	CHEM 4950	0 hr

## Notes:

PHYS 1310/1320/1330/1340 can be taken in place of PHYS 1610/1620/1630/1640

Transfer students can take CHEM 3950, Transfer Student Mentoring