

BS Biochemistry Regular Track

First Year		
First Semester		
General Chemistry 1 for Majors	CHEM 1130	3 hrs
General Chemistry 1 Lab	CHEM 1115	1 hr
Calculus I	MATH 1510	4 hrs
Principles of Biology 1	BIOL 1040	4 hrs
Second Semester		
General Chemistry 2 for Majors	CHEM 1140	3 hrs
General Chemistry 2 Lab	CHEM 1125	1 hr
Principles of Biology 2	BIOL 1060	4 hrs
Calculus 2	MATH 1520	4 hrs
First Year Mentoring	CHEM 1950	0 hr
Second Year		
First Semester		
Organic Chemistry 1 for Majors	CHEM 2430	3 hrs
Organic Chemistry 1 Majors Lab	CHEM 2435	1 hr
Analytical Chemistry 1	CHEM 2200	2 hrs
Analytical Chemistry 1 Lab	CHEM 2205	2 hrs
Engineering Physics 1	PHYS 1610	3 hrs
Engineering Physics 1 Lab	PHYS 1620	1 hr
Second Semester		
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
Third Year		
First Semester		
Biochemistry 1	CHEM 4610	3 hrs
Biochemistry 1 Lab	CHEM 4615	1 hr
Physical Chemistry 1	CHEM 3330	3 hrs
The Chemical Literature	CHEM 3100	1 hr
Second Semester		
Biochemistry 2	CHEM 4620	3 hrs
Biochemistry 2 Lab	CHEM 4625	1 hr
Physical Chemistry 2	CHEM 3340	3 hrs
Physical Chemistry Lab	CHEM 3345	1 hr
Undergraduate Research	CHEM 3970	1 hr
Fourth Year		
First Semester		
Genetics	BIOL 3030	3 hrs
Undergraduate Research	CHEM 3970	1 hr
Inorganic Chemistry	CHEM 4500	3 hrs
Second Semester		
Chemistry 3000+ level Elective*	CHEM 3xxx	3 hrs
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

*Elective must be selected from: 4200, 4300, 4400, 4470, 4700, 5xxx