



Division of Science & Mathematics

CHEMISTRY, BS
Sample 4-Year Paradigm

Freshmen Year Fall Semester			Freshmen Year Spring Semester		
Course	Credits		Course	Credits	
CHE 151	5		CHE 152	5	
SCI 100	3		SSC 100	3	
MAT 143	4		MAT 142	4	
SPE 119	3		ENG 120	3	
FDS 100	1		PED	0.5	
PED	0.5		PED	0.5	
Total	16.5		Total	16.0	
Sophomore Year Fall Semester			Sophomore Year Spring Semester		
Course	Credits		Course	Credits	
CHE 253	5		CHE 254	5	
CHE 251	4		MAT 242	4	
MAT 241	4		PHY 241	5	
ENG 201	3		Humanities Elective	3	
Science Elective	1		Science Elective	1	
Total	17.0		Total	18.0	
Junior Year Fall Semester			Junior Year Spring Semester		
Course	Credits		Course	Credits	
CHE 341	4		CHE 342	4	
MAT 341	3		MAT 342	3	
PHY 242	5		CHE 398	0.5	
Science Elective	4		Social Science Elective	3	
CHE 397	0.5		Humanities Elective	3	
PED	0.5		Humanities Elective	3	
Total	17.0		Science Elective	1	
			Total	17.5	
Senior Year Fall Semester			Senior Year Spring Semester		
Course	Credits		Course	Credits	
CHE 432	4		CHE 252*	4	
CHE 497	1		CHE 498	1	
Science Elective	4		Science Elective	3	
Science Elective	1		Social Science Elective	3	
PHY 341	3		Science Elective	4	
PHY 351	1		Science Elective	2	
Social Science Elective	3		Total	17.0	
Total	17.0				

* Instrumental Analysis is taught every other year. Therefore the student should take it either their junior or senior year depending when it is offered. The different areas of electives can be taken when wanted. This is just a suggestion.