

BS Chemistry

Course	Course Title	Pre-Requisite (Course #)	Co-Requisite (Course #)	Rotation (odd/even/every year(s))		
				Fall	Spring	Summer
CHEM 1305	Introductory Chemistry			Every	Every	Every
CHEM 1406	Introductory Physiological Chemistry		SMTE 0093	Every	Every	On demand
CHEM 1411	General Chemistry I		SMTE 0093	Every	Every	Every
CHEM 1412	General Chemistry II	CHEM 1411 MATH 1314, 1316, 1325, 2312, 2413, 2414, 2415 or 2305	SMTE 0093	Every	Every	Every
CHEM 2490	Special Topics			On demand	On demand	On demand
CHEM 3411	Organic Chemistry I	CHEM 1411	SMTE 0093	Every	Every	Every
CHEM 3412	Organic Chemistry II	CHEM 3411	SMTE 0093	Every	Every	Every
CHEM 3417	Quantitative Analysis	CHEM 1412	SMTE 0093		Every	
CHEM 3418	Instrumental Analysis	CHEM 1412	SMTE 0093	Every	Every	
CHEM 4085	Major Field Test in Chemistry				Every	
CHEM 4292	Senior Chemistry Seminar				Every	

BS Chemistry

CHEM 4309	Advanced Instrumental Analysis	CHEM 3411, 3412 & 3418		On demand	On demand	
CHEM 4320	Drugs, Toxins and Natural Products Chemistry	CHEM 4401		Every	Every	
CHEM 4341	Organic Synthesis	CHEM 3412		On demand	On demand	
CHEM 4344	Chemical Oceanography	CHEM 1412			Every	
CHEM 4350	Polymer Chemistry	CHEM 3412		On demand	On demand	On demand
CHEM 4360	Molecular Spectroscopy	CHEM 3412		On demand	On demand	On demand
CHEM 4401	Biochemistry I	CHEM 3412 BIOL 1406 & 1407	SMTE 0093	Every	Every	Every
CHEM 4402	Biochemistry II	CHEM 4401	SMTE 0093	Every	Every	
CHEM 4407	Advanced Inorganic Chemistry	CHEM 3412	SMTE 0093		Every	
CHEM 4420	Physical Biochemistry	CHEM 1412 PHYS 1402 or 2426 MATH 2414	SMTE 0093	On demand	On demand	
CHEM 4423	Physical Chemistry I	CHEM 1412 PHYS 1402 or 2426 MATH 2414	SMTE 0093	Every		
CHEM 4424	Physical Chemistry II	CHEM 4423	SMTE 0093		Every	
CHEM 4443	Environmental Chemistry	CHEM 1412	SMTE 0093	Every		

BS Chemistry

CHEM 4490	Special Topics			On demand	On demand	On demand
CHEM 4696	Directed Independent Study			On demand	On demand	On demand