

		B.S. in CHEMISTRY							
pph part of most preprof health programs	ACS Certified Programs Conc I-IV <i>Min of 400 lab course/research hrs required.</i>				CONC V	CONC VI	CONC VII	Major in BIOPHYS CHEM	
	ACS I - Chemistry	ACS II - Biochem	ACS III - Materials	ACS IV - Chem Ed	Chem - General	Chem - Business	Chem - Education		
<b>MAJOR REQUIREMENTS</b>									
CHEM 131-132 <sup>pph</sup>	x	x	x	x	x	x	x	x	
CHEM 135L-136L <sup>pph</sup>	x	x	x	x	x	x	x	x	
CHEM 241-242 <sup>pph</sup>	x	x	x	x	x	x	x	x	
CHEM 270	x	x	x	x	x	x	x	x	
CHEM 287L-288L <sup>pph</sup>	x	x	x	x	x	x	x	x <sup>1</sup>	
CHEM 331	x	x	x	x	x	x	x	x	
CHEM 336L					x	x	x	x	
CHEM 351	x	x	x	x	x	x	x	x	
CHEM 361	x	x	x	x	x	x	x	x	
CHEM 481-482	x	x	x	x	x	x	x (481 only)	or 242L	
<b>PROGRAM SPECIFIC CHEMISTRY REQUIREMENTS</b>									
CHEM 325				x			x		
CHEM 352 & 352L	x	x	x	x	x				
CHEM 362		x							
CHEM 363								x	
CHEM 366L		x							
CHEM 367L-368L								x	
CHEM 375			x						
CHEM 432	x	x	x	x				x	
CHEM 438L	x	x	381/485 sub	x					
CHEM 445 & 445L			x						
CHEM 470	x								
CHEM elective					x	xx <sup>2</sup>		xx <sup>3</sup>	
addtl lab/research hrs <sup>f</sup>	55	0	40	55	N/A	N/A	CHEM 397	N/A	
						or COB 218		or BIO, MATH, PHYS	
<b>COGNATE REQUIREMENTS</b>									
MATH 220 <sup>pph</sup>						x			
MATH 235 <sup>pph</sup> (231-232)	x	x	x	x	x	x	x	x	
MATH 236	x	x	x	x	x	x	x	x	
MATH 237-238	x <sup>5</sup>		x					x	
PHYS 240-250 <sup>pph</sup>	x	x	x	x	x	x	x	x	
PHYS 240L-250L <sup>pph</sup>	x	x	x	x	x	x	x	x	
<b>PROGRAM SPECIFIC REQUIREMENTS - NON_CHEMISTRY</b>									
BIO 140 <sup>pph</sup>		x <sup>ge</sup>						x <sup>ge</sup>	
BIO 240		x						x	
BIO 245		x							
BIO 480		x						x	
BIO elective (140 recom)				x <sup>ge</sup>					
GEOL elective				x <sup>ge</sup>					
ISAT 432			x						
PHYS381/CHEM485			x						
COB courses						7courses <sup>ge</sup>			
COE courses				8courses <sup>ge</sup>			18courses <sup>ge</sup>		
				<sup>ge</sup> at least one course might also count toward GenEd					
<b>CREDIT TOTALS</b>									
Major, Program, Cognate	71	77	79-80	89-91	60	81	106	86-88	
GenEd not included above	34	31	34	28	34	31	25	31	

It is the student's responsibility to meet any required pre- or co- requisites

updated April 2021