## MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: BSE CHEMISTRY

Option:

Major Field Requirements: **41.0 Credits** Other Requirements: **55.0 Credits** 

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the
Liberal Arts Core subject to normal distribution rules.

Course	No.	Short Title	C.H.	Grade	Course	No.	Short Title	C.H.	Grade
DEO	CHEMISTRY COURSES (41 A C	,	DE	OT ITD1	ED RELATED (22.0 credits)				
REQUIRED CHEMISTRY COURSES (41.0 Credits)					KŁ	QUIK	ED RELATED (22.0 credits)		
CHEM	111	Intro Chemistry I	4.0				Mathematics (12.0 credits)		
CHEM	112	Intro Chemistry II	4.0		MATH	161	Calculus I	4.0	
CHEM	188	Freshman Seminar	1.0		MATH	211	Calculus II	4.0	
CHEM	231	Organic Chem I	4.0		MATH	311	Calculus III	4.0	
CHEM	232	Organic Chem II	4.0						
CHEM	251	Inorganic Chem I	3.0			Physic	cs (10.0 credits)		
CHEM	265	Quant Analysis	4.0		PHYS	231	Physics I with Calc	5.0	
CHEM	326	Biochemistry I	4.0		PHYS	232	Physics II with Calc	5.0	
CHEM	341	Physical Chem I	4.0						
CHEM	342	Physical Chem II	4.0			Biolog	gy		
CHEM	375	Environmental Chem	4.0			Demon	strate competency in Biology 100*		
CHEM	487	Seminar in Chem I	0.5						
CHEM	488	Seminar in Chem II	0.5		*Compe	tency n	nay be demonstrated by one of the		
					followin	g:			
					1) a cour	se grac	le of "A" or "B" in AP Biology		
							or better in the national AP exam		
							score on the CLEP exam		
					4) a pass	ing gra	de for General Biology (BIOL 100)		
PRO	FESSI	ONAL EDUCATION (33.0 Credit	s)						
EDFN	211	Found. Modern. Ed.	3.0		General	Educat	ion Perspectives requirement not		
EDFN	241	Psyc. Found. Teach.	3.0		required for BSE majors declared as of Fall 2006				
EDSE	321	Issues in Sec. Educ.	3.0						
EDFN	330	Instr. Techn. Design	3.0						
EDSE	340	Cntnt. Area Litrcy Divers. Class	3.0						
SPED	346	Sec. Stdns. w. Disab. Inclu. Sttgs.	3.0						
EDSE	435	Teaching Science	3.0						
EDSE	461	Student Teaching	9.0						
EDSE	471	Different Instr. in Class	3.0				General Electives (as necessary)		