

**GENERAL REQUIREMENTS**  
**B.S. Chemistry with minor**

**Communications :**                   ♦#ENG 101     \_\_\_  
 (grade of C or better):           ♦#ENG 102     \_\_\_  
   COM 101     \_\_\_

**Social Science:**  
**History:**                           •HIST 103     \_\_\_  
 (choose one)                       •HIST 104     \_\_\_  
   \*HIST 210     \_\_\_  
   HIST 211     \_\_\_

**Other Social Sciences:**       **Group 1**  
 Choose one from 3 of 4 groups    GEO 205     \_\_\_  
   \*GEO 206     \_\_\_

**Group2**  
   POLS 101     \_\_\_  
   POLS 102     \_\_\_  
   •SS 100      \_\_\_

**Group3**  
   PSYC 101     \_\_\_

**Group4**  
   \*SOC 150     \_\_\_  
   \*SOC 235     \_\_\_

**Literature:**                       (ENG prefix) \_\_\_

**Phil/Rel/For Lang**           PHIL         \_\_\_  
 (choose one)                   REL         \_\_\_  
   FL         \_\_\_

**Business:**                       •ECON 101     \_\_\_  
   ♦ECON 102     \_\_\_  
   ♦GBUS 140     \_\_\_

**Fine Arts/Humanities:**  
 (Choose one)                   ART 100     \_\_\_  
   \*ART 140     \_\_\_  
   ART 340     \_\_\_  
   ART 341     \_\_\_  
   \*ART 343     \_\_\_  
   COM 203     \_\_\_  
   COM 211     \_\_\_  
   \*COM 241     \_\_\_  
   COM 341     \_\_\_  
   \*MUS 130     \_\_\_  
   •MUS 330     \_\_\_  
   MUS 331     \_\_\_  
   FA 101      \_\_\_

**Wellness/Phys Ed:**  
 (4 credit hours)               HE 253 (2h) \_\_\_  
   Or  
   HE 250 (3h) \_\_\_  
   And  
   PE 101      \_\_\_  
   PE 102      \_\_\_

**Math:**  
 (choose one)                   MATH 102     \_\_\_  
   MATH 140     \_\_\_  
   MATH 145     \_\_\_  
   MATH 160     \_\_\_  
   MATH 210     \_\_\_

**Natural Sciences:**

**Life Sciences**                   BIO 105 and BIO 106 \_\_\_  
 Choose one with lab           BIO 124 and BIO 125 \_\_\_

**Physical Sciences**  
 Choose one with lab           CHEM 100 and CHEM 101 \_\_\_  
   CHEM 111 and CHEM 112 \_\_\_  
   PHYS 101 and PHYS 110 \_\_\_  
   PHYS 190 and PHYS 191 \_\_\_  
   PHYS 360     \_\_\_  
   PHYS 370     \_\_\_

**(at least one course from each of the four areas is required for graduation)**

- ♦ - critical thinking
- # - technology
- - international/global perspective
- \* - cultural diversity

B.S. Chemistry (no minor)

Chemistry:	CHEM 110 (Chem I; F)	—		
	CHEM 111 (Chem I Lab; F)	—	Restricted Electives:	
	CHEM 112 (Chem II;S)	—	(6 hours)	
	CHEM 113 (Chem II Lab; S)	—		
	CHEM 320 (Analyt; F)	—		CHEM 322 (Int Spec; FE) —
	CHEM 321 (Analyt lab; F)	—		CHEM 352 and 353 (BioChem;S) —
	CHEM 340 (OChem I; F)	—		CHEM 358 (Med Chem; BA) —
	CHEM 341 (OChem Lab I; F)	—		CHEM 440 (Adv Org; BA) —
	CHEM 342 (OChem II; S)	—		CHEM 442 (Org Qual; BA) —
	CHEM 343 (OChem Lab II; S)	—		CHEM 478 (Sp Top; BA) —
	CHEM 400 (Inorg; FO)	—		CHEM 479 (Sp Prob;BA) —
	CHEM 420 (Inst;S)	—		CHEM 422 and 423 (Adv Inst) —
	CHEM 421 (Inst Lab;S)	—		
	CHEM 464 (PChem I; FE)	—	Physics:	PHYS 101 (Phys I; F) —
	CHEM 465 (PChem II Lab;FE)	—		PHYS 110 (Phys I Lab; F) —
	CHEM 466 (PChem II;SO)	—		PHYS 102 (Phys II; S) —
	CHEM 467 (PChem II Lab;SO)	—		PHYS 111 (Phys II Lab; S) —
	CHEM 485 (Capstone; S)	—	Math:	MATH 210 (Calc I; S) —
				MATH 211 (Calc II; F) —

**MINOR** - as chosen by student with direction from advisor, see appropriate discipline for requirements  
(typical minors include: Biology or Mathematics but any may be chosen)

F-fall only, S-spring only, FE-fall even only, FO-fall odd only, SE-spring even only, SO-spring odd only,  
BA- by arrangement