

**BACHELOR OF SCIENCE IN CHEMISTRY-PRE-MEDICINE (BS)**

**General Requirements: Total hours for graduation 120 minimum, overall GPA 2.0 minimum, GPA for major 2.0.**

**Must meet with Chemistry Advisor upon declaration of major.**

**Requirements For Major (and their necessary prerequisites):**

			Grade	Hrs
All	CHEM 211	General Chemistry I (5)		
All	CHEM 212	General Chemistry II (5)		
FL	CHEM 523	Analytical Chemistry (4)		
All	CHEM 531	Organic Chemistry I (5)		
All	CHEM 532	Organic Chemistry II (5)		
FL	CHEM 662	Biochemistry I (3)		
SP	CHEM 663	Biochemistry II (3)		
SP	CHEM 664	Biochemistry Laboratory (3)		
All	CHEM 690	Independent Study and Research (2)		
FL & SP	HS 600	Advanced Clinical Anatomy (5)		
FL & SP	STAT 370	Elementary Statistics (3)		
FL & SP	PSY 111	General Psychology (3)		

Select one of the following (CHEM 605 strongly recommended):

FL	CHEM 605	Medicinal Chemistry (3)		
FL & SP	HS 301	Clinical Pharmacology (6)		

Select 1 additional chemistry course numbered above 500 (except 700/701)

	CHEM ____			
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One year of Physics above 200:

FL & SP	PHYS 213	General College Physics I (5)		
FL & SP	PHYS 213L	General College Physics I Lab (0)		
FL & SP	PHYS 214	General College Physics II (5)		
FL & SP	PHYS 214L	General College Physics II Lab (0)		

FL & SP	PHYS 313	Physics for Scientists I (4)		
FL & SP	PHYS 315	University Physics Lab I (1)		
FL & SP	PHYS 314	Physics for Scientists II (4)		
FL & SP	PHYS 316	University Physics Lab II (1)		

Other Required Courses (and their necessary prerequisites):

All	MATH 242	Calculus I (5)		
All	MATH 243	Calculus II (5)		
FL & SP	BIOL 210	General Biology I (4)		
FL & SP	BIOL 211	General Biology II (4)		
FL & SP	BIOL 223	Human Anatomy & Physiology (5)		
FL & SP	BIOL 223L	Human Anatomy & Physiology Lab (0)		
FL	BIOL 419	Genetics (4)		

One advanced biology course selected from the following:

FL & SP	BIOL 220	Introduction to Microbiology (4)		
FL & SP	BIOL 330	General Microbiology (5)		
SP	BIOL 420	Molecular Cell Biology (4)		

Total Hours Completed  
Major GPA

**Contact the Dept. Office to arrange an advising appointment (978-3120, 206 McKinley Hall)**

Dr. Douglas S. English, Chairperson  
Department of Chemistry