Chemistry (B.S.) – Pre-Health Professions – Study Abroad

2024-2025 Academic Catalog, Bachelor of Science – Chemistry, Pre-Health Professions, Global Emphasis: Study Abroad

Academic Core for B.S.

50 Hours

CHRISTIAN STUDIES 6 CSBS 1311 Engaging the Old Testament 3 ENGLISH 9 ENGLISH 9 ENGLI 22 Rhetoric & Composition I 3 ENGL 1322 Rhetoric & Composition I 3 ENGL 0 Literature 3 A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322. 2 EXERCISE & SPORT SCIENCE - SELECT TWO DIFFERENT COURSES 2 EXAC Activity Course 1 EXAC Activity Course 1 EXAC Activity Course 3 GOMM 2335 Film Appreciation 3 COMM 2335 Film Appreciation 3 MUSI 1340 Music Appreciation 3 WORLD CULTURES - SELECT ONE 3 3 MUSA2350 Theatre Appreciation 3 MUS 2354 World Art 3 EXS 2353 Lifespan Nutrition 3 GLBL 2310 Cultural Immersion 3 HIST 1311 History of World Civilizations to 1500 3 HIST 1312 History of World Civilizations since 1500 3			/
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UMHB 1005 Fine Arts Experience

Chemistry

B.S. CHEMISTR	Y MAJOR REQUIRED COURSES - PRE-HEALTH	33
CHEM 1410	General Chemistry I	4
CHEM 1420	General Chemistry II	4
CHEM 2181	Introduction to Chemical Research-Capstone I	-
CHEM 3400	Quantitative Analysis	4
CHEM 3410	Organic Chemistry I	4
CHEM 3420	Organic Chemistry II	4
CHEM 3440	Physical Chemistry I	4
CHEM 3450	Physical Chemistry II	4
CHEM 4090	Senior Evaluation	0
CHEM 4181	Chemical Research-Capstone II	-
CHEM 4183	Seminar - Capstone III	1
CHEM 4430	Biochemistry	4
The hrs. for CHEM2	2181 and CHEM4181 are already accounted for in the Acade	emic Core

Electives – As Needed to reach 120 hrs

CHEM 3480	Environmental Chemistry	4
CHEM 4350	Advanced Inorganic Chemistry	3
CHEM 4440	Instrumental Analysis	4
CHEM 4190-4490		
CHEM 4193-4493		
A grade of "C" or bei	tter must be made in all Chem courses counting toward the m	ajor.

REQUIRED COURSES FOR PRE-HEALTH PROFESISONS		
BIOL 1350/1150	Biology for Science Majors I with Lab	4
BIOL 1360/1160	Biology for Science Majors II with Lab	4
BIOL 2340/2140	Human Anatomy & Physiology I with Lab	4
BIOL 2341/2141	Human Anatomy & Physiology II with Lab	4
MATH 1306	College Algebra	3
MATH 1320	Pre Calculus	3
SOCI 1311	Introduction to Sociology	3

Total Hours

Minimum cumulative GPA

47
3
33
25
20
120
120

2.0