

Recommended Curriculum for B.S. Degree in Chemistry-Biology
Pre-Medical Professions Option

FRESHMAN YEAR

<u>Fall</u>			<u>Spring</u>		
BIO 122	Biological Science	4	BIO 123	Biological Science	4
CH 110	College Chemistry I	4	CH 111	College Chemistry II	4
M 144	Calculus I	4	M 145	Calculus II	4
RLC 110	Reading & Writing I	3	RLC 111	Reading & Writing II	3
DIA 100	Dialogue	<u>1</u>	PPS 100	PremedProf.Studies I	<u>1</u>
		16			16

SOPHOMORE YEAR

<u>Fall</u>			<u>Spring</u>		
CH 230	Organic Chemistry I	4	CH 231	Organic Chemistry II	4
BIO 372W	Genetics	3	BIO 352	Cell Biology	4
BIO 373W	Genetics Laboratory	1	POL 100	AmericanGovernment	3
AUCW*	Western Heritage	3	PHY 121	Algebra-Based Physics II	
PHY 120	Algebra-Based Physics I	4	(OrPHY112Calculus-BasedPhysics III)		4
(OrPHY114Calculus-BasedPhysicsIII)		<u>4</u>	PPS 200	PremedProf. StudiesII	<u>1</u>
		15			16

JUNIOR YEAR

<u>Fall</u>			<u>Spring</u>		
CH 347	Physical Chemistry	3	CH 348	Physical Chemistry	3
BIO 112	Human Anatomy and Physiology	4	CH 349 W	PhysicalChemistrLab	3
CH 226	Quantitative Analysis	5	BIO 113	Human Anatomy and Physiology	4
AUCS*	Social Context	3	BIO 440 W	Medical Microbiology	
PPS 300 Premed Prof. Studies III		<u>1</u>	(Or BIO 442 Microbiology)		4
		16	AUCC*	Other Cultures	<u>3</u>
					17

SENIOR YEAR

<u>Fall</u>			<u>Spring</u>		
CH 426	Instrumental Analysis	3	CH 444**	Biochemistry	3
CS 111	Programming Foundations	3	BIO 445**	BiochemistryLaboratory	2
ENG 140	Intro to Literature	3	CMM 115 ⁺	ImprovingComm.Skills	3
(Or Foreign Language Literature)			PHI 110	Intro to Philosophy	3
HIS 100 or 101 History		3	AUCA*	Arts	<u>3</u>
EC, SOC, or PSY Elective		<u>3</u>			14
		15			

+ Chem-Bio majors who take two semesters of a foreign language need not take CMM 115.

* The four AUC courses can be taken in any order.

Upper level courses may vary in which semester they are taken.