

Bachelor of Science in Chemistry (Biochemistry)						
Dept.	Class Name	Hrs.		Dept.	Class Name	Hrs.
FRESHMAN YEAR						
*BPC 100	Student Success	3		ENG 102	Rhetoric and Literature	3
ENG 101	Writing and Rhetoric	3		***MTH 204	Calculus I	4
MTH 111	Precalculus	3		BIO 102	General Biology II	3
**BIO 101	General Biology I	3		BIO 102-L	General Biology II Lab	1
**BIO 101-L	General Biology I Lab	1		CHM 112	General Chemistry II	3
**CHM 111	General Chemistry I	3		CHM 112-L	General Chemistry II Lab	1
**CHM 111-L	General Chemistry I Lab	1		PE 205	Principles of Wellness	2
	TOTAL	17		TOTAL		17
SOPHOMORE YEAR						
MTH 104	Elementary Statistics	3		ENG	ENG 200-206 or MUS 221/222	3
CHM 335	Organic Chemistry I w/Lab	4		CHM 336	Organic Chemistry II w/Lab	4
CHM 331	Light and Matter	3		CHM 321	Analytical Chemistry	4
CHR 100	Introduction to a Biblical Worldview	3		***PSY 201	General Psychology	3
BUS 101	Fundamentals of Computer Applications	3		BIO 370	Introduction to Microbiology w/Lab	4
	TOTAL	16		TOTAL		18
JUNIOR YEAR						
HIS 151/152	History of Civilization I/II	3		CHM 440	Biochemistry Seminar	1
PHY 201/221	General Physics I w/Lab	4		PHY 203/223	General Physics II w/Lab	4
BIO 300/202	Cell Biology or Human A&P I	4		BIO 410/203	Genetics or Human A&P II	4
CHM 338	Biochemistry I	3		CHM 339	Biochemistry II	3
				CHM 440	Biochemistry Lab	2
	TOTAL	14		TOTAL		14
BIO 300+410	Recommended: medical/dental school			BIO 202+203	Recommended: pharmacy school	
SENIOR YEAR						
ML/CUL	Modern Language or Culture	3		HIS 151/152	History of Civilization I/II	3
ART/MUS	Art or Music Appreciation with options	3		CHR elective	CHR 101,102,210,220,230	3
****PSY/CJ	Race and Ethnic Relations	3		CHM 410	Bioinorganic Chemistry	3
CHM 400	Physical Chemistry for Life Sciences	3		CHM 430	Special Topics in Chemistry	3
CHM 450	Research Proposal Writing	1		CHM 460	Introduction to Research	3
CHM 430	Communicating Scientific Literature	3			TOTAL	15
	TOTAL	16				
	TOTAL PROGRAM HOURS REQUIRED: 125-126					
<p>* Any student who has successfully completed 24 hours of college-level classes is exempt from BPC 100. **CHM majors must take BIO 101 and CHM 111 to satisfy the core science requirement. ***CHM majors must take MTH 204 to satisfy the core math requirement and PSY 201 to fulfill the Social/Behavioral Studies core requirement ****Medical, dental and pharmacy schools recommend taking PSY /CJ Race and Ethic Relations as pre-requisite.</p>						