

Bachelor of Science Degree (B.S.) with Major in Biochemistry

Sample Four-Year Plan Starting in Odd Year - Total Hours for Four Years: 120

FALL (Odd Year)		
Course ID	Course Name	Credits
COR 1002	Gateway Seminar in Christian Scholarship	2
BBL 1013	Old Testament Survey	3
EGL 1013	English I: Composition	3
MTH 1163	Calculus I	3
CHM 1123	Gen Chem I	3
CHM 1121	Gen Chem I Lab	1
Total Credit Hours:		15

SPRING (Even Year)		
Course ID	Course Name	Credits
EGL 1023	English II: Literary Analysis & Research	3
BIO 1123	Cell Biology	3
BIO 1121	Cell Biology Lab	1
CHM 1133	General Chemistry II	3
CHM 1131	General Chemistry II Lab	1
MTH 1173	Calculus II	3
XXXX	Elective	2
Total Credit Hours:		16

FALL (Even Year)		
Course ID	Course Name	Credits
BBL 1023	New Testament Survey	3
CHM 3133	Organic Chemistry I	3
CHM 3131	Organic Chemistry I: Lab	1
HST 2013	Integrated Humanities I	3
PHY 2213	General Physics I	3
PHY 2211	General Physics I: Lab	1
CHM 2131	Introduction to Computational Chem	1
Total Credit Hours:		15

SPRING (Odd Year)		
Course ID	Course Name	Credits
CHM 3143	Organic Chemistry II	3
CHM 3141	Organic Chemistry II: Lab	1
PHY 2313	General Physics II	3
PHY 2311	General Physics II: Lab	1
HST 2023	Integrated Humanities II	3
XXXX	Elective	3
XXXX	Whole Person Wellness Elective	2
Total Credit Hours:		16

FALL (Odd Year)		
Course ID	Course Name	Credits
BIO 3173	Molecular Cell Biology	3
BIO 3171	Molecular Cell Biology: Lab	1
CHM 3183	Advanced Inorganic Chemistry	3
CHM 3121	Integrated Chemistry Lab	1
BBL 2022	Essentials of Christian Formation	2
XXXX	Chemistry/Biology Elective	3
XXXX	Elective	2
Total Credit Hours:		15

SPRING (Even Year)		
Course ID	Course Name	Credits
BBL 2013	Essentials of Evangelical Theology	3
BIO 4103	Bioethics (or GSC 4133)	3
CHM 3121	Integrated Chemistry Lab	1
XXXX	Social/ Behavioral Sci. Elective	3
XXXX	Elective	3
XXXX	Elective	3
Total Credit Hours:		16

FALL (Even Year)		
Course ID	Course Name	Credits
CHM 2112	Advanced Analytical Chemistry	2
CHM 3012	Advanced Analytical Chemistry: Lab	2
CHM 2161	Chemical Communication Literacy	1
CHM 3163	Biochemistry I	3
CHM 3121	Integrated Chemistry Lab	1
XXXX	Arts & Humanities Elective	3
XXXX	Elective	3
Total Credit Hours:		15

SPRING (Odd Year)		
Course ID	Course Name	Credits
CHM 3173	Biochemistry II	3
CHM 4501	Chemistry/ Biochemistry Capstone	1
CHM 3121	Integrated Chemistry Lab	1
CHM 4000	Standard Exam	0
XXXX	Biochemistry Elective	4
XXXX	Intercultural Engagement Elective	3
Total Credit Hours:		12