

# Bachelor of Arts Degree (B.A.) with Major in Chemistry

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
<b>Total Credit Hours:</b>		15

SPRING (Even Year)		
Course ID	Course Name	Credits
EGL 1023	English II: Literary Analysis & Research	3
CHM 1133	General Chemistry II	3
CHM 1131	General Chemistry II Lab	1
BIO 1123	Cell Biology	3
BIO 1121	Cell Biology Lab	1
BBL 1023	New Testament Survey	3
XXXX	Whole Person Wellness Elective	2
<b>Total Credit Hours:</b>		16

FALL (Even Year)		
Course ID	Course Name	Credits
BBL 2022	Essentials of Christian Formation	2
CHM 3133	Organic Chemistry I	3
CHM 3131	Organic Chemistry I: Lab	1
HST 2013	Integrated Humanities I	3
PHY 1113	Fundamentals of Physics I	3
PHY 1111	Fundamentals of Physics I: Lab	1
CHM 2131	Introduction to Computational Chem	1
<b>Total Credit Hours:</b>		14

SPRING (Odd Year)		
Course ID	Course Name	Credits
CHM 3143	Organic Chemistry II	3
CHM 3141	Organic Chemistry II: Lab	1
PHY 1123	Fundamentals of Physics II	3
PHY 1121	Fundamentals of Physics II Lab	1
HST 2023	Integrated Humanities II	3
MTH 2103	Applied Statistics for Scientists	3
XXXX	Elective	2
<b>Total Credit Hours:</b>		16

FALL (Odd Year)		
Course ID	Course Name	Credits
CHM 3121	Integrated Chemistry Lab	1
XXXX	Chemistry Elective	4
XXXX	Arts & Humanities Elective	3
XXXX	Foreign Language	3
XXXX	Elective	3
<b>Total Credit Hours:</b>		14

SPRING (Even Year)		
Course ID	Course Name	Credits
BBL 2013	Essentials of Evangelical Theology	3
CHM 3121	Integrated Chemistry Lab	1
CHM 4223	Chemistry Research	3
XXXX	Elective	3
XXXX	Elective	2
XXXX	Foreign Language	3
<b>Total Credit Hours:</b>		15

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 3121	Integrated Chemistry Lab	1
XXXX	Social/ Behavioral Sci. Elective	3
XXXX	Foreign Language	3
XXXX	Elective	3
<b>Total Credit Hours:</b>		15

SPRING (Odd Year)		
Course ID	Course Name	Credits
CHM 4501	Chemistry/ Biochemistry Capstone	1
BIO 4103	Bioethics (or GSC 4133)	3
CHM 3121	Integrated Chemistry Lab	1
XXXX	Chemistry Elective	4
CHM 4000	Standard Exam	0
XXXX	Elective	3
XXXX	Foreign Language	3
<b>Total Credit Hours:</b>		15