

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

Sample Four-Year Plan Starting in Odd Year

First Year Fall (Odd Year)

BIO	1144	Plant & Animal Diversity
CHM	1124	General Chemistry I
COR	1002	Gateway Seminar
EGL	1013	English I: Composition
	___2	Whole Person Wellness Elective

Total Hours 15

First Year Spring (Even Year)

BIO	1124	Cell Biology
CHM	1134	General Chemistry II
EGL	1023	English II: Literary Analysis/Research
MTH	1123	Survey of Calculus

Total Hours 14

Second Year Fall (Even Year)

BBL	1013	Old Testament Survey
BIO	2184	Ecology & Evolution
HST	2013	Integrated Humanities I
	___3	Social/Behavioral Sci. (SBS) Elective
	___3	Elective

Total Hours 16

Second Year Spring (Odd Year)

BBL	1023	New Testament Survey
BIO	2174	Genetics
HST	2023	Integrated Humanities II
MTH	2103	Applied Statistics for Scientists
	___3	Elective

Total Hours 16

Third Year Fall (Odd Year)

BIO	3302	Field Experience
BIO	___4	Biology Elective
	___3	Arts & Humanities (AH) Elective
	___3	Elective
	___3	Elective

Total Hours 15

Third Year Spring (Even Year)

BBL	2013	Essentials of Evangelical Theology
BIO	___4	Biology Elective
BIO	___4	Biology Elective
BIO	4103	Bioethics (or GSC 4133 senior year)
	___1	Elective

Total Hours 15

Fourth Year Fall (Even Year)

BBL	2022	Essentials of Christian Formation
BIO	___4	Biology Elective
	___3	SBS or AH Elective (see above)
	___3	Elective
	___3	Elective

Total Hours 15

Fourth Year Spring (Odd Year)

BIO	___4	Biology Elective
	___3	Intercultural Engagement Elective
	___1	Elective
	___3	Elective
	___3	Elective

Total Hours 14

Total Hours for Four Years: 120

Biology Electives

BIO 3101 Biology Teaching Practicum (Upon request)
 BIO 3144 Marine Biology (Spring, even yrs.)
 BIO 3174 Molecular Cell Biology (Fall, even yrs.)

BIO 3614 Virology (Fall, even yrs.)
 BIO 3714 Neurobiology (Spring, odd yrs.)
 BIO 4103 Bioethics (Spring, even yrs.)

BIO 3201 Cadaver Dissection (Fall)
BIO 3334 Microbiology (Spring)
BIO 3514 Human Anatomy (Fall)
BIO 3524 Human Physiology (Spring)

BIO 4121-4 Selected Topics in Biology
BIO 4221-3 Biological Research (Every) (*max. 4 hrs*)
BIO 4310 Biology Internship
CHM 3163 Biochemistry I (Fall)
CHM 3121 Integrated Chem. Lab (*can be used once*)

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

Sample Four-Year Plan Starting in Even Year

First Year Fall (Even Year)

BIO	1144	Plant & Animal Diversity
CHM	1124	General Chemistry I
COR	1002	Gateway Seminar
EGL	1013	English I: Composition
	___2	Whole Person Wellness Elective

Total Hours 15

First Year Spring (Odd Year)

BIO	1124	Cell Biology
CHM	1134	General Chemistry II
EGL	1023	English II: Literary Analysis/Research
MTH	1123	Survey of Calculus

Total Hours 14

Second Year Fall (Odd Year)

BBL	1013	Old Testament Survey
BIO	2184	Ecology & Evolution
HST	2013	Integrated Humanities I
	___3	Social/Behavioral Sci. (SBS) Elective
	___3	Elective

Total Hours 16

Second Year Spring (Even Year)

BBL	1023	New Testament Survey
BIO	2174	Genetics
HST	2023	Integrated Humanities II
MTH	2103	Applied Statistics for Scientists
	___3	Elective

Total Hours 16

Third Year Fall (Even Year)

BIO	3302	Field Experience
BIO	___4	Biology Elective
	___3	Arts & Humanities (AH) Elective
	___3	Elective
	___3	Elective

Total Hours 15

Third Year Spring (Odd Year)

BBL	2013	Essentials of Evangelical Theology
BIO	___4	Biology Elective
BIO	___4	Biology Elective
	___3	Elective
	___1	Elective

Total Hours 15

Fourth Year Fall (Odd Year)

BBL	2022	Essentials of Christian Formation
BIO	___4	Biology Elective
	___3	SBS or AH Elective (see above)
	___3	Elective
	___3	Elective

Total Hours 15

Fourth Year Spring (Even Year)

BIO	___4	Biology Elective
BIO	4103	Bioethics (or GSC 4133)
	___3	Intercultural Engagement Elective
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	___3	Elective

Total Hours 14

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