

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

## Sample Four-Year Plan Starting in Odd Year

### First Year Fall (Odd Year)

BIO 1143 & 1141 Plant & Animal Diversity w/ Lab  
 CHM 1123 & 1121 Gen. Chem. I w/ Lab  
 COR 1002 Gateway Seminar  
 EGL 1013 English I: Composition  
 \_\_\_ \_\_\_2 Whole Person Wellness Elective

**Total Hours 15**

### First Year Spring (Even Year)

BIO 1123 & 1121 Cell Biology w/ Lab  
 CHM 1133 & 1131 Gen. Chem. II w/ Lab  
 MTH 1163 Calculus I  
 EGL 1023 English II: Literary Analysis/Research

**Total Hours 14**

### Second Year Fall (Even Year)

BBL 1013 Old Testament Survey  
 BIO 2183 & 2181 Ecology & Evolution w/ Lab  
 HST 2013 Integrated Humanities I  
 \_\_\_ \_\_\_3 Social and Behavioral Sci. (SBS) Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 16**

### Second Year Spring (Odd Year)

BBL 1023 New Testament Survey  
 BIO 2173 & 2171 Genetics w/ Lab  
 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 \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 Arts & Humanities (AH) Elective  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 15**

### Third Year Spring (Even Year)

BBL 2013 Essentials of Evangelical Theology  
 BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 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 \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 SBS or AH Elective (see above)  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 15**

### Fourth Year Spring (Odd Year)

BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 Intercultural Engagement Elective  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_1 Elective

**Total Hours 14**

**Total Hours for Four Years: 120**

### Biology Electives

BIO 3101 Biology Teaching Practicum (every upon request)	BIO 3613 & 3611 Virology w/ Lab (fall even)
BIO 3143 & 3141 Marine Biology w/ Lab (spring even)	BIO 3713 & 3711 Neurobiology w/ Lab (spring odd)
BIO 3173 & 3171 Molecular Cell Biology w/ Lab (fall even)	BIO 4103 Bioethics (spring even)
BIO 3201 Cadaver Dissection (fall upon request)	BIO 4123 & 4121 Selected Topics w/ Lab
BIO 3333 & 3331 Microbiology w/ Lab (spring)	BIO 4221-3 Biological Research (every) {Max. 4 hrs}
BIO 3513 & 3511 Human Anatomy w/ Lab (fall)	BIO 4310 Biology Internship
BIO 3523 & 3521 Human Physiology w/ Lab (spring)	CHM 3163 & 3121 Biochemistry I w/ Integrated Chem. Lab

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

## Sample Four-Year Plan Starting in Even Year

### First Year Fall (Even Year)

BIO 1143 & 1141 Plant & Animal Diversity w/ Lab  
 CHM 1123 & 1121 Gen. Chem. I w/ Lab  
 COR 1002 Gateway Seminar  
 EGL 1013 English I: Composition  
 \_\_\_ \_\_\_2 Whole Person Wellness Elective

**Total Hours 15**

### First Year Spring (Odd Year)

BIO 1123 & 1121 Cell Biology w/ Lab  
 CHM 1133 & 1131 Gen. Chem. II w/ Lab  
 MTH 1163 Calculus I  
 EGL 1023 English II: Literary Analysis/Research

**Total Hours 14**

### Second Year Fall (Odd Year)

BBL 1013 Old Testament Survey  
 BIO 2183 & 2181 Ecology & Evolution w/ Lab  
 HST 2013 Integrated Humanities I  
 \_\_\_ \_\_\_3 Social and Behavioral Sci. (SBS) Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 16**

### Second Year Spring (Even Year)

BBL 1023 New Testament Survey  
 BIO 2173 & 2171 Genetics w/ Lab  
 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 \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 Arts & Humanities (AH) Elective  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 15**

### Third Year Spring (Odd Year)

BBL 2013 Essentials of Evangelical Theology  
 BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_1 Elective

**Total Hours 15**

### Fourth Year Fall (Odd Year)

BBL 2022 Essentials of Christian Formation  
 BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 \_\_\_ \_\_\_3 SBS or AH Elective (see above)  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_3 Elective

**Total Hours 15**

### Fourth Year Spring (Even Year)

BIO \_\_\_3 & \_\_\_1 Biology Elective w/ Lab  
 BIO 4103 Bioethics (or GSC 4133 senior year)  
 \_\_\_ \_\_\_3 Intercultural Engagement Elective  
 \_\_\_ \_\_\_3 Elective  
 \_\_\_ \_\_\_1 Elective

**Total Hours 14**

**Total Hours for Four Years: 120**

### Biology Electives

BIO 3101 Biology Teaching Practicum (every upon request)	BIO 3613 & 3611 Virology w/ Lab (fall even)
BIO 3143 & 3141 Marine Biology w/ Lab (spring even)	BIO 3713 & 3711 Neurobiology w/ Lab (spring odd)
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BIO 3201 Cadaver Dissection (fall upon request)	BIO 4123 & 4121 Selected Topics w/ Lab
BIO 3333 & 3331 Microbiology w/ Lab (spring)	BIO 4221-3 Biological Research (every) {Max. 4 hrs}
BIO 3513 & 3511 Human Anatomy w/ Lab (fall)	BIO 4310 Biology Internship
BIO 3523 & 3521 Human Physiology w/ Lab (spring)	CHM 3163 & 3121 Biochemistry I w/ Integrated Chem. Lab



