

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

Sample Four-Year Plan

First Year Fall (Even Year)

| | | |
|-------------|------|---------------------|
| BIO | 1124 | Cell Biology |
| CHM | 1124 | General Chemistry I |
| COR | 1002 | Gateway Seminar |
| EGL | 1013 | English I |
| MTH | 1134 | Calculus I |
| Total Hours | | 17 |

First Year Spring (Odd Year)

| | | |
|-------------|------|----------------------|
| BBL | 1023 | New Testament Survey |
| CHM | 1134 | General Chemistry II |
| EGL | 1023 | English II |
| KIN | 1__1 | Wellness Activity |
| MTH | 1144 | Calculus II |
| Total Hours | | 15 |

Second Year Fall (Odd Year)

| | | |
|-------------|------|-------------------------|
| BBL | 1013 | Old Testament Survey |
| BIO | 3174 | Molecular Cell Biology† |
| CHM | 3134 | Organic Chemistry I |
| HST | 1013 | Western Civilization I |
| ___ | 3 | Social Science Elective |
| Total Hours | | 17 |

Second Year Spring (Even Year)

| | | |
|-------------|------|-------------------------|
| CHM | 3144 | Organic Chemistry II |
| HST | 1023 | Western Civilization II |
| KIN | 1002 | Wellness for Life |
| POL | 2013 | American Government |
| ___ | 3 | Global Studies Elective |
| Total Hours | | 15 |

Third Year Fall (Even Year)

| | | |
|-------------|------|----------------------------|
| CHM | 3164 | Biochemistry I† |
| CHM | 4124 | Physical Chemistry I† |
| PHY | 2114 | General Physics I |
| ___ | 4 | Biology/Chemistry Elective |
| Total Hours | | 16 |

Third Year Spring (Odd Year)

| | | |
|-------------|------|----------------------------|
| BBL | 3003 | Evangelical Theology |
| CHM | 3174 | Biochemistry II† |
| PHY | 2124 | General Physics II |
| ___ | 4 | Biology/Chemistry Elective |
| Total Hours | | 15 |

Fourth Year Fall (Odd Year)

| | | |
|-------------|------|------------------------------------|
| CHM | 3183 | Advanced Inorganic Chemistry† |
| BBL | 4002 | Capstone Seminar in Christian Life |
| ___ | 3 | Arts Elective |
| ___ | 3 | Philosophy Elective |
| ___ | 3 | Elective |
| Total Hours | | 14 |

Fourth Year Spring (Even Year)

| | | |
|-------------|------|--------------------------------|
| CHM | 3114 | Advanced Analytical Chemistry† |
| BIO | 4103 | Bioethics† |
| EGL | 4003 | Masterpieces of Literature |
| ___ | 3 | Elective |
| ___ | 2 | Elective |
| Total Hours | | 15 |

Total Hours for Four Years: 124

† Note: The order of alternate year courses will differ depending on whether a student begins his/her studies at JBU in an even or an odd year.