DIVISION OF
NATURAL & HEALTH SCIENCES
Bachelor of Science (B.S.) degree with major in Biochemistry
Sample Four-Year Plan

**First Year Fall**
BIO 1124 Cell Biology
CHM 1124 General Chemistry I
COR 1002 Gateway Seminar
KIN 10X1 Wellness Activity Course
MTH 1134 Calculus I
Total Hours 15

**First Year Spring**
CHM 1134 General Chemistry II
BIO 2174 Genetics
EGL 1013 English I
MTH 1144 Calculus II
Total Hours 15

**Second Year Fall**
CHM 3134 Organic Chemistry I
EGL 1023 English II
HST 1013 Western Civilization I
KIN 1002 Wellness
PHY 2114 General Physics I
Total Hours 16

**Second Year Spring**
BBL 1013 Old Testament Survey
CHM 3144 Organic Chemistry II
HST 1023 Western Civilization II
MTH 2103 Applied Statistics for Scientists
PHY 2124 General Physics II
Total Hours 17

**Third Year Fall**
BBL 1023 New Testament Survey
CHM 3183 Inorganic Chemistry†
BIO 3174 Molecular Cell Biology
POL 2113 American Government
Social Science Elective
Total Hours 16
**Third Year Spring**

CHM 3114 Introduction to Analytical Chemistry†
BIO 3314 Molecular Genetics†
BIO 3524 Human Physiology
    Philosophy Elective

Total Hours 15

**Fourth Year Fall**

BBL 3003 Evangelical Theology
CHM 2151 Seminar: Nanotechnology†
CHM 4124 Physical Chemistry I†
EGL 4003 Masterpieces of Literature
    Global Studies Core Elective
    Arts Elective

Total Hours 17

**Fourth Year Spring**

CHM 3164 Biochemistry†
CHM 4134 Physical Chemistry II†
BBL 4002 Christian Life
BIO 4103 Bioethics†
    Elective

Total Hours 16

Total Hours for Four Years: 127

† 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.