



BACHELOR OF SCIENCE IN BIOCHEMISTRY

FRESHMAN – FALL SEMESTER

| | | |
|--------------------|-----------------------|----|
| CHE 1115 | General Chemistry I | 5 |
| BIO 1004 | Principles of Biology | 4 |
| BIB 1013 | Old Testament History | 3 |
| ENG 1113 | English Composition I | 3 |
| UNI 1111 | University Seminar | 1 |
| <i>Total hours</i> | | 16 |

FRESHMAN – SPRING SEMESTER

| | | |
|--------------------|------------------------|----|
| CHE 1125 | General Chemistry II | 5 |
| MAT 1195 | Calculus I | 5 |
| ENG 2213 | English Composition II | 3 |
| UNI 1121 | Critical Thinking | 1 |
| BIB1023 | New Testament History | 3 |
| <i>Total hours</i> | | 17 |

SOPHOMORE – FALL SEMESTER

| | | |
|--------------------|-------------------------|----|
| CHE 3304 | Organic Chemistry I | 4 |
| MAT 3343 | Mathematical Statistics | 3 |
| PHY 1115 | Physics I | 5 |
| BIO/CHE | BIO/CHE elective | 4 |
| <i>Total hours</i> | | 16 |

SOPHOMORE – SPRING SEMESTER

| | | |
|--------------------|--|----|
| CHE 3314 | Organic Chemistry II | 4 |
| PHY 1125 | Physics II | 5 |
| KIN 1162 | Foundations of Physical Fitness/Wellness 2 | 2 |
| POL 1113 | American Government and Politics | 3 |
| | Humanities Elective | 3 |
| <i>Total hours</i> | | 17 |

JUNIOR – FALL SEMESTER

| | | |
|--------------------|--------------------------------------|-------|
| CHE 3364 | Biochemistry | 4 |
| SCF | BIO or CHE Through the Eyes of Faith | 2 |
| PSY 1013 | Psychology | 3 |
| | Cultural Studies Elective | 2-3 |
| HIS 22X3 | U.S. History I or II | 3 |
| <i>Total hours</i> | | 14-15 |

JUNIOR – SPRING SEMESTER

| | | |
|--------------------|---------------------------------|----|
| CHE 3371 | Seminar in Chemistry I | 1 |
| BIO/CHE 4104 | Biochemistry 2 | 4 |
| CHE 3345 | Analytical Chemistry | 5 |
| BIO/CHE 3012 | Methods of Scientific Research | 2 |
| CIS 1033 | Foundations of Computer Science | 3 |
| <i>Total hours</i> | | 15 |

SENIOR – FALL SEMESTER

| | | |
|--------------------|--------------------------------------|----|
| BIO/CHE | BIO/CHE elective | 4 |
| CHE 3323 | Physical Chemistry | 3 |
| BIO 3324 | Genetics | 4 |
| COM 1103 | Fundamentals of Speech Communication | 3 |
| | Elective hours | 3 |
| <i>Total hours</i> | | 17 |

SENIOR – SPRING SEMESTER

| | | |
|--------------------|-------------------------------------|----|
| BIO/CHE 4471 | Seminar | 1 |
| BIO 4224 | Cellular and Molecular Biology | 4 |
| CHE 4412 | Advanced Chemistry Lab | 2 |
| ECO 2003 | LIFE Economics | 3 |
| SPF 2012 | Introduction to Spiritual Formation | 2 |
| | Elective hours | 3 |
| <i>Total hours</i> | | 15 |

THIS IS A PROPOSED GUIDELINE. Please check the catalog and see your advisor for your final degree requirements.

Southwest Baptist University reserves the right to make changes to degree plans without advanced notice or obligation.

The student is responsible for understanding and completing all general education, degree, departmental and graduation requirements.