



PHYSICS AND CHEMISTRY SAMPLE FOUR-YEAR PLAN WITH EVEN-YEAR ENTRY

FRESHMAN – FALL SEMESTER

| | | |
|--------------------|--|-----------|
| MAT 1195 | Calculus I | 5 |
| CHE 1115 | General Chemistry I | 5 |
| SPF 2012 | Foundations of Physical Fitness/Wellness | 2 |
| ENG 1113 | English Composition I | 3 |
| UNI 1111 | University Seminar | 1 |
| <i>Total hours</i> | | <i>16</i> |

FRESHMAN – SPRING SEMESTER

| | | |
|--------------------|-----------------------------------|-----------|
| CHE 1125 | General Chemistry II | 5 |
| MAT 2255 | Calculus II | 5 |
| ENG 2213 | English Composition II | 3 |
| UNI 1121 | Introduction to Critical Thinking | 1 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>17</i> |

SOPHOMORE – FALL SEMESTER

| | | |
|--------------------|---------------------------------|----------|
| PHY 2215 | University Physics I | 5 |
| MAT 2263 | Calculus III | 3 |
| CHE 3304 | Organic Chemistry I | 4 |
| CIS 1033 | Foundations of Computer Science | 3 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>8</i> |

SOPHOMORE – SPRING SEMESTER

| | | |
|--------------------|------------------------|-----------|
| PHY 2225 | University Physics II | 5 |
| MAT 3363 | Differential Equations | 3 |
| CHE 3314 | Organic Chemistry II | 4 |
| | Gen-Ed/Grad Elective | 3 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>18</i> |

JUNIOR – FALL SEMESTER

| | | |
|--------------------|---------------------------|-----------|
| PHY 3363 | Modern Physics | 3 |
| CHE 3323 | Physical Chemistry | 3 |
| PHY 3361 | Modern Physics Laboratory | 1 |
| CHE 3364 | Biochemistry | 4 |
| MAT 3343 | Mathematical Statistics | 3 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>17</i> |

JUNIOR – SPRING SEMESTER

| | | |
|--------------------|-----------------------------------|-----------|
| PHY 4413 | Electricity & Magnetism Theory | 3 |
| SCF 3432 | Physics Through the Eyes of Faith | 2 |
| CHE 3371 | Seminar in Chemistry I | 1 |
| | Upper Division Chemistry Elective | 4 |
| | Gen-Ed/Grad Elective | 3 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>16</i> |

SENIOR – FALL SEMESTER

| | | |
|--------------------|-------------------------------------|-----------|
| SPF 2012 | Introduction to Spiritual Formation | 2 |
| PHS 2314 | Astronomy | 4 |
| CIS 1144 | Computer Science I | 4 |
| CHE 4413 | Advanced Inorganic Chemistry | 3 |
| SCF 3412 | Chemistry Through the Eyes of Faith | 2 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>18</i> |

SENIOR – SPRING SEMESTER

| | | |
|--------------------|-------------------------|-----------|
| PHY 3233 | Mechanics | 3 |
| CHE 4412 | Advanced Chemistry Lab | 2 |
| CHE 4471 | Seminar in Chemistry II | 1 |
| CHE 3345 | Analytical Chemistry | 5 |
| BIO 1004 | Principles of Biology | 4 |
| | Gen-Ed/Grad Elective | 3 |
| <i>Total hours</i> | | <i>18</i> |

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.