



## PRE-ENGINEERING SAMPLE PLAN FOR EVEN-YEAR ENTRY

### FRESHMAN – FALL SEMESTER

|                    |                                     |    |
|--------------------|-------------------------------------|----|
| SPF 2012           | Introduction to Spiritual Formation | 2  |
| MAT 1195           | Calculus I                          | 5  |
| PHY 2215           | University Physics I                | 5  |
| ENG 1113           | English Composition I               | 3  |
| UNI 1111           | University Seminar                  | 1  |
| <i>Total hours</i> | .....                               | 16 |

### FRESHMAN – SPRING SEMESTER

|                    |                                   |    |
|--------------------|-----------------------------------|----|
| MAT 2255           | Calculus II                       | 5  |
| PHY 2225           | University Physics II             | 5  |
| ENG 2213           | English Composition II            | 3  |
| UNI 1121           | Introduction to Critical Thinking | 1  |
| CIS 1033           | Foundations of Computer Science   | 3  |
| <i>Total hours</i> | .....                             | 17 |

### SOPHOMORE – FALL SEMESTER

|                    |                             |    |
|--------------------|-----------------------------|----|
| BIB 1013           | Old Testament History       | 3  |
| PHY 2314           | Introduction to Engineering | 4  |
| CHE 1115           | General Chemistry I         | 5  |
| MAT 2263           | Calculus III                | 3  |
| HIS 2213/2223      | U.S. History I or II        | 3  |
| <i>Total hours</i> | .....                       | 18 |

### SOPHOMORE – SPRING SEMESTER

|                    |                                   |    |
|--------------------|-----------------------------------|----|
| BIB 1023           | New Testament History             | 3  |
| SCF 3432           | Physics Through the Eyes of Faith | 2  |
| PHY 3233           | Statics                           | 3  |
| PHY 3231           | Statics Laboratory                | 1  |
| CHE 1125           | General Chemistry II              | 5  |
| MAT 3363           | Differential Equations            | 3  |
| <i>Total hours</i> | .....                             | 17 |

### JUNIOR – FALL SEMESTER

|                    |                                      |    |
|--------------------|--------------------------------------|----|
| PHY 3363           | Independent Study Modern Physics     | 3  |
| PHY 3361           | Independent Study Modern Physics Lab | 1  |
| PSY 1013           | General Psychology                   | 3  |
| ECO 2033           | Principles of Macroeconomics         | 3  |
| COM 1103           | Fundamentals of Speech Communication | 3  |
| POL 1123           | American Government and Politics     | 3  |
| ICS 2901           | Same Culture Service Project         | 1  |
| <i>Total hours</i> | .....                                | 17 |

### JUNIOR – SPRING SEMESTER

|                    |  |    |
|--------------------|--|----|
| KIN 1162           | Foundations of Physical Fitness/Wellness | 2  |
| PHY 4413           | Electricity & Magnetism Theory           | 3  |
| PHY 4411           | Electricity & Magnetism Laboratory       | 1  |
| CIS 1144           | Computer Science I                       | 4  |
| BIO 1004           | Principles of Biology                    | 4  |
|                    | Humanities Elective                      | 3  |
| ICS 2901           | Same Culture Service Project             | 1  |
| <i>Total hours</i> | .....                                    | 18 |

*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.