



## PHYSICS/MATHEMATICS SAMPLE FOUR-YEAR PLAN FOR EVEN-YEAR ENTRY

### FRESHMAN – FALL SEMESTER

MAT 1195	Calculus I	5
CHE 1115	General Chemistry I	5
KIN 1162	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

MAT 2255	Calculus II	5
CHE 1125	General Chemistry II	5
ENG 2213	English Composition II	3
UNI 1121	Critical Thinking	1
MAT 3332	Symbolic Logic and Set Theory	2
<i>Total hours</i>		<i>16</i>

### SOPHOMORE – FALL SEMESTER

MAT 2263	Calculus III	3
PHY 2215	University Physics I	5
CIS 1033	Foundations of Computer Science	3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		<i>16-17</i>

### SOPHOMORE – SPRING SEMESTER

MAT 3363	Differential Equations	3
PHY 2225	University Physics II	5
MAT 3313	Abstract Algebra	3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		<i>16-17</i>

### JUNIOR – FALL SEMESTER

CHE 3323	Physical Chemistry	3
MAT 4433	Numerical Methods	3
PHY 3363	Modern Physics	3
SCF 3422	Mathematics Through the Eyes of Faith	2
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		<i>16-17</i>

### JUNIOR – SPRING SEMESTER

PHY 4413	Electricity & Magnetism Theory	3
SCF 3432	Physics Through the Eyes of Faith	2
CIS 1144	Computer Science I	4
	Math Elective	3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		<i>17-18</i>

### SENIOR – FALL SEMESTER

PHS 2314	Astronomy	4
MAT 3323	Linear Algebra	3
MAT 3343	Mathematical Statistics	3
MAT 4663	Advanced Calculus	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		<i>15-16</i>

### SENIOR – SPRING SEMESTER

PHY 3233	Mechanics	3
	Math Elective	3
BIO 1004	Principles of Biology	4
	Gen-Ed/Grad Elective	2-3
	Gen-Ed/Grad Elective	3
<i>Total hours</i>		<i>15-16</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.