



## PHYSICS AND CHEMISTRY SAMPLE FOUR-YEAR PLAN WITH ODD-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

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
CIS 1033	Foundations of Computer Science	3
CHE 3304	Organic Chemistry I	4
	Gen-Ed/Grad Elective	3
<i>Total hours</i>		<i>18</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

SPF 2012	Introduction to Spiritual Formation	2
PHS 2314	Astronomy	4
CHE 4413	Advanced Inorganic Chemistry	3
MAT 3343	Mathematical Statistics	3
SCF 3412	Chemistry Through the Eyes of Faith	2
	Gen-Ed/Grad Elective	3
<i>Total hours</i>		<i>17</i>

### JUNIOR – SPRING SEMESTER

PHY 3233	Mechanics	3
CIS 1144	Computer Science I	4
CHE 3345	Analytical Chemistry	5
CHE 3371	Seminar in Chemistry I	1
BIO 1004	Principles of Biology	4
<i>Total hours</i>		<i>17</i>

### SENIOR – FALL SEMESTER

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

### SENIOR – SPRING SEMESTER

PHY 4413	Electricity & Magnetism Theory	3
SCF 3432	Physics Through the Eyes of Faith	3
CHE 4471	Seminar in Chemistry II	1
	Upper Division Chemistry Elective	4
CHE 4412	Advanced Chemistry Lab	2
	Gen-Ed/Grad Elective	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.