



PHYSICS/MATHEMATICS SAMPLE FOUR-YEAR PLAN FOR ODD-YEAR ENTRY

FRESHMAN – FALL SEMESTER

KIN 1162	Foundations of Physical Fitness/Wellness	2
PHY 2215	University Physics I	5
MAT 1195	Calculus I	5
ENG 1113	English Composition I	3
UNI 1111	University Seminar	1
<i>Total hours</i>		16

FRESHMAN – SPRING SEMESTER

PHY 2225	University Physics II	5
MAT 2255	Calculus 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>		16

SOPHOMORE – FALL SEMESTER

CHE 1115	General Chemistry I	5
MAT 2263	Calculus III	3
MAT 3323	Linear Algebra	3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		16-17

SOPHOMORE – SPRING SEMESTER

CHE 1125	General Chemistry II	5
PHY 3263	Mathematics for Science & Engineering	3
PHY 3233	Statics	3
PHY 3231	Statics Laboratory	1
CIS 1033	Foundations of Computer Science	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		17-18

JUNIOR – FALL SEMESTER

	Physics Elective	3
CIS 1144	Computer Science I	4
MAT 3343	Mathematical Statistics	3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		15-16

JUNIOR – SPRING SEMESTER

SCF 3432	Physics Through the Eyes of Faith	2
PHY 3363	Modern Physics	3
PHY 3361	Modern Physics Laboratory	1
MAT 3313	Abstract Algebra	3
	Math Elective	2-3
	Gen-Ed/Grad Elective	3
	Gen-Ed/Grad Elective	2-3
<i>Total hours</i>		16-18

SENIOR – FALL SEMESTER

	Physics Elective	3-4
MAT 4433	Numerical Methods	3
SCF 3422	Mathematics Through the Eyes of Faith	2
MAT 4663	Advanced Calculus	3
	Gen-Ed/Grad Elective	2-3
	Gen-Ed/Grad Elective	3
<i>Total hours</i>		16-18

SENIOR – SPRING SEMESTER

PHY 4413	Electricity & Magnetism Theory	3
PHY 4411	Electricity & Magnetism Laboratory	1
	Math Elective	2-3
BIO 1004	Principles of Biology	4
	Gen-Ed/Grad Elective	2 or 3
<i>Total hours</i>		12-14

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.