

**BS Physics - Secondary Education Minor**

**SAMPLE 4-YEAR COURSE PLAN**

**STARTING WITH MATH 1508**

FRESHMEN YEAR		
Fall Semester	Spring Semester	Summer Sessions
MATH 1508 - Precalculus 5	MATH 1411 - Calculus I 4	
ASTR 1307-1107 - Elementary Astronomy - Solar System & Lab 4	ASTR 1308- Elementary Astronomy Stars & Galaxies 3	
CHEM 1305 - 1105 - General Chemistry & Lab 4	PHYS 2420 - Introductory Mechanics & Lab 4	
SCI 1301 - Inquiry into Math & Science 3	RWS 1301 - Rhetoric and Writing I 3	
<b>TOTAL 16</b>	<b>TOTAL 14</b>	<b>TOTAL 0</b>
SOPHOMORE YEAR		
Fall Semester	Spring Semester	Summer Sessions
MATH 1312 - Calculus II 3	MATH 2313 - Calculus III 3	HIST 1301 - US History to 1865 3
PHYS 2421 - Introductory Electromagnetism & Lab 4	CHEM 1306-1106 - General Chemistry II & Lab 4	HIST 1302 - US History after 1865 3
RWS 1302 - Rhetoric & Writing II 3	ART 1300 - Art Appreciation 3	
PHIL 2306 - Ethics 3	MATH 2326 - Differential Equations 3	
PHYS 2230 (Thermal and Fluid Physics) 2	PHYS 3243 - Advanced Laboratory Practice 2	
<b>TOTAL 15</b>	<b>TOTAL 15</b>	<b>TOTAL 6</b>
JUNIOR YEAR		
Fall Semester	Spring Semester	Summer Sessions
PHYS 2325 - Survey of Modern Physics 3	MATH Elective (3335, 4336, or 4329) 3	POLS 2310 - Introduction to Politics 3
PHYS 3351 - Analytical Mechanics I 3	PHYS 3352 - Analytical Mechanics II 3	POLS 2311 - American Government & Politics 3
COMM 1301 - Public Speaking 3	PHYS 3331 - Thermal Physics 3	
MATH 3323 - Matrix Algebra 3	PHYS 3280 Physics Seminar 2	
PSYC 1301 - Introduction to Psychology 3	PHYS 3323 - Physical optics 3	
<b>TOTAL 15</b>	<b>TOTAL 14</b>	<b>TOTAL 6</b>
SENIOR YEAR		
Fall Semester	Spring Semester	Summer Sessions
PHYS 3243 - Advanced Laboratory Practice 2	SCED 3317 3	
SCED 3311 3	SCED 4691 6	
RED 3342 3		
SCED 4368 3		
EDPC 3300 3		
Elective 1		
<b>TOTAL 15</b>	<b>TOTAL 9</b>	<b>TOTAL 0</b>

30

36

35

24

Note: This degree is a sample; your individualized degree plan may differ.

If you did not place in to MATH 1411 (Calculus), register for MATH 1508 (Precalculus) prior to the freshmen year.

**MATH 1508 does not count in 120 hours**

125

If you have any questions about this degree, please contact the College of Science Advising Center at (915) 747-8027.