

THE UNIVERSITY OF TEXAS AT EL PASO - COLLEGE OF SCIENCE

NCM 6-23-15

**BS Physics - Secondary Education Minor**

**SAMPLE 4-YEAR COURSE PLAN**

**STARTING WITH MATH 1508**

FRESHMEN YEAR				
Fall Semester		Spring Semester		Summer Sessions
MATH 1411 - Calculus I	4	Calculus II	3	
ASTR 1307-1107 - Elementary Astronomy - Solar System & Lab	4	ASTR 1308- Elementary Astronomy Stars & Galaxies	3	
PHYS 2420 - Introduction to Mechanics & Lab	4	PHYS 2421 - Introduction to Electromagnetism & Lab	4	
SCI 1301 - Inquiry into Math & Science	3	RWS 1301 - Rhetoric and Writing I	3	
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>13</b>	<b>TOTAL</b> 0
				28
SOPHOMORE YEAR				
Fall Semester		Spring Semester		Summer Sessions
MATH 2326 - Differential Equations	3	MATH 2313 - Calculus III	3	HIST 1301 - US History to 1865I
CHEM 1305-1105 - General Chemistry I & Lab	4	CHEM 1306-1106 - General Chemistry II & Lab	4	HIST 1302 - US History after 1865
RWS 1302 - Rhetoric & Writing II	3	PHYS 3243 - Advanced Laboratory practice	2	
PHYS 2230 - Thermal and Fluid Physics	2	PHYS 3323 - Physical Optics	3	
PHYS 2325 - Survey of Modern Physics	3	ART 1300 - Art Appreciation	3	
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b> 6
				36
JUNIOR YEAR				
Fall Semester		Spring Semester		Summer Sessions
PSYC 1301 - Introduction to Psychology	3	MATH Elective (3323, 4336, or 4329)	3	POLS 2310 - Introduction to Politics
PHYS 3351 - Analytical Mechanics I	3	PHYS 3352 - Analytical Mechanics II	3	POLS 2311 - American Government & Politics
COMM 1301 - Public Speaking	3	PHYS 3331 - Thermal Physics	3	
MATH 3335 - Applied Analysis I	3	PHYS 3280 - Physics Seminar	2	
PHYS 3243 - Advanced Lab Practice	2	PHIL 2306 - Ethics	3	
		1 Credit Elective	1	
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b> 6
				35
SENIOR YEAR				
Fall Semester		Spring Semester		Summer Sessions
EDPC 3300	3	SCED 4691	6	
SCED 3311	3			
RED 3342	3			
SCED 4368	3			
SCED 3317	3			
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>6</b>	<b>TOTAL</b> 0
				21

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**

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