

BS PHYSICS - Pre Med Track

SAMPLE 4-YEAR COURSE PLAN

STARTING WITH MATH 1508

FRESHMEN YEAR					
Fall Semester		Spring Semester		Summer Sessions	
MATH 1411 - Calculus I	4	MATH 1312 - Calculus II	3		
PHYS 2420 - Introduction to Mechanics & Lab	4	PHYS 2421 - Introductory Electromagnetism & Lab	4		
CHEM 1305-1105 - General Chemistry I & Lab	4	CHEM 1306-1106 - General Chemistry II & Lab	4		
SCI 1301 - Inquiry into Math & Science	3	RWS 1301 - Rhetoric and Writing I	3		
TOTAL	15	TOTAL	14	TOTAL	0
29					
SOPHOMORE YEAR					
Fall Semester		Spring Semester		Summer Sessions	
MATH 2326 - Differential Equations	3	MATH 2313 - Calculus III	3	HIST 1301 (US History to 1865) - Core	3
PHYS 2230 - Thermal and Fluid Physics	2	PHYS 3243 - Advanced Lab Practices	2	HIST 1302 (US History after 1865) - Core	3
PHYS 2325 - Survey of Modern Physics	3	BIOL 1306-1108 - General Biology II	4		
BIOL 1305-1107 - General Biology I & Lab	4	RWS 1302 - Rhetoric & Writing II	3		
PHIL 2306 - Ethics	3				
TOTAL	15	TOTAL	12	TOTAL	6
33					
JUNIOR YEAR					
Fall Semester		Spring Semester		Summer Sessions	
PHYS 3351 - Analytical Mechanics	3	PHYS 3323 - Physical Optics	3	POLS 2310 (Introduction to Politics) - Core	3
PSYC 1301 - Introduction to Psychology	3	MATH 3335 - Applied Analysis I	3	POLS 2311 (American Government & Politics) - Core	3
COMM 1301 - Public Speaking	3	CHEM 2325-2125 - Organic Chemistry II & Lab	4		
CHEM 2324-2124 - Organic Chemistry I & Lab	4	PHYS 3331 - Thermal Physics	3		
		ART 1300 - Art Appreciation	3		
TOTAL	13	TOTAL	16	TOTAL	6
35					
SENIOR YEAR					
Fall Semester		Spring Semester		Summer Sessions	
PHYS 4355 - Introductory Quantum Mechanics	3	1 Credit PHYS Elective	1		
BIOL 3320 - Genetics	3	CHEM 3330 - Biochemistry	3		
PHYS 4341 - Electromagnetics I	3	BIOL 3316-3117 - Molecular Cell Biology	4		
PHYS 4370 - Health Physics I	3	PHYS 4371 - Health Physics II	3		
TOTAL	12	TOTAL	11	TOTAL	0
23					

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.