

BS PHYSICS - ATMOSPHERIC CONCENTRATION

SAMPLE 4-YEAR COURSE PLAN

STARTING WITH MATH 1411

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	
RWS 1301 - Rhetoric and Writing I	3	RWS 1302 - Rhetoric & Writing II	3	
TOTAL	15	TOTAL	14	TOTAL
				0
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
PHYS 2230 - Thermal and Fluid Physics	2	PHYS 2210 - Vibrations and Waves	2	HIST 1302 (US History after 1865) - Core
PHYS 2325 - Survey of Modern Physics	3	PHYS 3323 - Physical Optics	3	
PHYS 3243 - Advanced Laboratory Practice	2	ART 1300 - Art Appreciation	3	
PHIL 2306 - Ethics	3	SCI 1301 - Inquiry into Math & Science	3	
TOTAL	13	TOTAL	14	TOTAL
				6
JUNIOR YEAR				
Fall Semester		Spring Semester		Summer Sessions
PHYS 3351 - Analytical Mechanics I	3	MATH 3323 - Matrix Algebra	3	POLS 2310 (Introduction to Politics) - Core
PSYC 1301 - Introduction to Psychology	3	MATH 4336 - Applied Analysis II	3	POLS 2311 (American Government & Politics) - Core
COMM 1301 - Public Speaking	3	PHYS 3352 - Analytical Mechanics II	3	
MATH 3335 - Applied Analysis I	3	PHYS 3331 - Thermal Physics	3	
PHYS 4327 - Atmospheric Physics	3	PHYS 3243 - Advanced Lab Practices	2	
TOTAL	15	TOTAL	14	TOTAL
				6
SENIOR YEAR				
Fall Semester		Spring Semester		Summer Sessions
PHYS 4355 - Introductory Quantum Mechanics	3	PHYS 3280 - Physics Seminar	2	
PHYS 4341 - Electromagnetics I	3	PHYS 4330 - Fluid Dynamics	3	
GEOP 4306 Meteorology	3	PHYS 4342 - Electromagnetics II	3	
PHYS 4329 - Atmospheric Radiation	3	PHYS 4356 - Atoms, Molecules, Solids	3	
TOTAL	12	TOTAL	11	TOTAL
				0

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

MATH 1508 does not count in 120 hours

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