

BS in Science Education - Physics Concentration

FRESHMAN 1 - CREDIT HOURS TOTAL 17					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	MATH 1083	3	Intro to Functions		Math Placement Required
	ENGL 1100 (WI)	3	Found. of College Writing		
	FINE ART	3			
	GEOL 1500 and 1501	4	Dynamic Earth		
	BIOL 1100 and 1101	4	Principles of Biology I		
FRESHMAN 2 - CREDIT HOURS TOTAL 16					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	BIOL 1200 and 1201	4	Principles of Biology II	P: BIOL 1100/1101	
	CHEM 1150 and 1151	4	General Chemistry I	P: MATH 1065	
	PSYC 1000	3	Intro to Psychology		
	MATH 2171	4	Calculus I	P: MATH 1083	
	SCIE 2123	1	Early Experiences		
SOPHOMORE 1 - CREDIT HOURS TOTAL 16					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	CHEM 1160 and 1161	4	General Chemistry II	P: CHEM 1150/1151	
	ENGL 2201 (WI)	3	Writing in the Disciplines		
	MATH 2172	4	Calculus II	P: MATH 2171	
	PHYS 2350 and 1251	5	General Physics I	P: MATH 1065	
SOPHOMORE 2 - CREDIT HOURS TOTAL 14					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	HLTH 1000	2	Health in Modern Society		
	HUMANITY	3			
	KINE 1000	1	Physical Fitness		
	PHYS 2360 and 1261	5	General Physics II	P: PHYS 2350/1251	
	PSYC 2777 or SOCI 1010 (DD)	3	Diversity	PSYC 2777 P: PSYC 1000	
JUNIOR 1 - CREDIT HOURS TOTAL 15					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	PHYS 3416	3		P: PHYS 2360	
	HUMANITY or FINE ART	3			
	SCIE 3602	3			
	SCIE 3604	3	Life and Environmental Scienc		
	SOCIAL SCIENCE	3	Global Diversity		
JUNIOR 2 - CREDIT HOURS TOTAL 15					
INTERNSHIP PLACEMENT APPLIED FOR DURING THIS SEMESTER					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	PHYS 4080/4081 or 4120 or 4310	3	Thermodynamics		
	PHYS 3417	3		P: PHYS 2360	
	SCIE 3323	3	Teaching HS Science	P: SCIE 2123	Junior 2 Only, Spring Only
	SCIE 3606	3	Earth and Space Science		
	ELECTIVE (WI)	3			
INTERNSHIP 1 - CREDIT HOURS TOTAL 14					
ONE DAY PER WEEK INTERNSHIP EXPERIENCE					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	PHYS 4700/4701	3	Advanced Laboratory		
	EDUC 4400 (UD)	3	Learning, Motivation, Assess		
	SCIE 4030 (UD)	3	Tech in Science Teaching	P: SCIE 3323	Intern 1 Only, Fall Only
	SCIE 4323 (WI) (UD)	3	Teaching Science in HS	P: SCIE 3323	Intern 1 Only, Fall Only
	SPED 4010	2	Inclusive Classrooms		
INTERNSHIP 2 - CREDIT HOURS TOTAL 13					
ALL DAY/EVERY WEEKDAY INTERNSHIP EXPERIENCE					
Term	COURSE	HRS	NAME	PRE-REQ	NOTES
	READ 3990	2	Reading in the content area		Intern 2 Only if needing FT
	SCIE 4324 (UD)	9	Internship	P: All courses above	Intern 2 Only
	SCIE 4325 (UD)	2	Internship Seminar	P: All courses above	Intern 2 Only

This form is for planning purposes only. The responsibility for meeting all academic requirements as stated in the ECU catalog rests with the student.

* = Grade of C or higher required for course

UD = Upper Division course