

BS in Science Education - Physics

FRESHMAN 1 - CREDIT HOURS TOTAL 17				
Complete	Term	COURSE	HRS	NAME
		FINE ART	3	GE:FA Course
		MATH 1083	3	Introduction to Functions
		ENGL 1100 (WI)	3	Foundations of College Writing
		BIOL 1100 and 1101	4	Principles of Biology I and Lab
		GEOL 1500 and 1501	4	Dynamic Earth and Lab
FRESHMAN 2 - CREDIT HOURS TOTAL 16				
Complete	Term	COURSE	HRS	NAME
		SCIE 2123	1	Early Experiences for the Prospective Teacher
		PSYC 1000	3	Introduction to Psychology
		MATH 2171	4	Calculus I
		BIOL 1200 and 1201	4	Principles of Biology II and Lab
		CHEM 1150 and 1151	4	General Chemistry I and Lab
SOPHOMORE 1 - CREDIT HOURS TOTAL 16				
Complete	Term	COURSE	HRS	NAME
		MATH 2172	4	Calculus II
		ENGL 2201 (WI)	3	Writing in the Disciplines (Education or Multidisciplines)
		PHYS 2350 and 1251	5	General Physics I and Lab
		CHEM 1160 and 1161	4	General Chemistry II and Lab
SOPHOMORE 2 - CREDIT HOURS TOTAL 15				
Complete	Term	COURSE	HRS	NAME
		HLTH 1000	2	Health in Modern Society
		BITE 2000	1	Introduction to Computer Literacy
		HUMANITY	3	GE:HU Course
		KINE 1000	1	Lifetime Physical Activity/Fitness
		PHYS 2360 and 1261	5	General Physics II and Lab
		PSYC 2777 or SOCI 1010 (DD)	3	Ethnocultural Psychology or Race, Gender, Class
JUNIOR 1 - CREDIT HOURS TOTAL 15				
Complete	Term	COURSE	HRS	NAME
		PHYS 3416	3	Modern Physics I
		SCIE 3602	3	Physical Science
		SCIE 3604	3	Life and Environmental Science
		SOCIAL SCIENCE	3	GE:SO Course, Select Global Diversity Course
		HUMANITY or FINE ART	3	GE:HU or GE:FA Course
JUNIOR 2 - CREDIT HOURS TOTAL 15 (MUST BE ADMITTED TO UPPER DIVISION BY END OF JR 2)				
Complete	Term	COURSE	HRS	NAME
		PHYS 3417	3	Modern Physics II
		SCIE 3323	3	Teaching High School Science
		SCIE 3606	3	Earth and Space Science
		ELECTIVE (WI)	3	Select Writing Intensive Course
		PHYS 4080/4081 or 4120 or 4310	3	Thermodynamics
INTERNSHIP 1 - CREDIT HOURS TOTAL 14				
Complete	Term	COURSE	HRS	NAME
		PHYS 4070/4071	3	Advanced Laboratory
		EDUC 4400 (UD)	3	Learning, Motivation, and Assessment
		SCIE 4030 (UD)	3	Technology in Science Teaching
		SCIE 4323 (WI) (UD)	3	Teaching Science in High School
		SPED 4010	2	Effective Instruction in Inclusive Classrooms
INTERNSHIP 2 - CREDIT HOURS TOTAL 13				
Complete	Term	COURSE	HRS	NAME
		READ 3990	2	Reading in the content area
		SCIE 4324 (UD)	9	Internship
		SCIE 4325 (UD)	2	Internship Seminar
For planning purposes only. The responsibility for meeting all				requirements in the ECU catalog rests with the student.
* = Grade of C or higher required for course			UD = Upper Division course	