## **Curriculum for Physics Education**

	Freshman Fall Semester		Fre	Freshman Spring Semester		
Course	Course Name	Cr	Course	Course Name	Cr	
26-191	University Seminar I*	1	26-192	University Seminar II*	1	
26-202	General Physics I*	4	26-202	General Physics II*	4	
25-251	Calculus I	4	25-252	Calculus II	4	
23-100	Intro to Biology	3	12-204	Phil. Foundations of Education	3	
01-101	English Composition I*	3	01-102	English Composition II*	3	
			16-100	Fitness and Wellness	2	
				Take the PRAXIS I Exam		
	Total Cradita	15	_	Total Credits	. 17	
	Total Credits 15		Conl			
	Sophomore Fall Semester		Sopi	homore Spring Ser	neste	

Sophomore Fall Semester			Sophomore Spring Semester			
Course	Course Name	Cr	Course	Course Name	Cr	
26-261	Electronics for Scientists*	3	22-101	Descriptive Astronomy	3	
25-253	Calculus III	4	25-351	Differential Equations	3	
12-313	Intro to the Education of Children with Exceptional Needs	3	50-107	Physical Geology	4	
36-201	Intro to General Psychology	3	12-207	Life Span Development	3	
01-xxx	World Literature*	3	xx-xxx	Arts/Humanities Elective	3	
				Pass Praxis I & Apply to the		

				Teacher Ed Program (60 credits ? GPA 2.5 minimum)	
	Total Credits		<u> </u>	Total Credits	
	Junior Fall Semes			Junior Spring Semes	
Course	Course Name	Cr	Course	Course Name	_
26-305	Thermal Physics*	3	26-316	Intro to Optics*	4
24-101	Gen & Analytical Chemistry I	4	24-102	Gen & Analytical Chemistry II	4
12-344	Instructional Technology in Education	3	26-418	Theoretical & Experimental Research*	3
34-xxx	History Elective	3	12-322	Teaching Reading in Sec Ed	3
01-200	Speech	3	12-357	Effective Teaching Skills and Classroom Management	4
	Total Credits			Total Credits	
5	Senior Fall Semes	ster		Senior Spring Seme	
Course	Course Name	Cr	Course	Course Name	Cr
26-361	Modern Physics	3	12-400	Pre-Service Teaching**	12
23-205	Ecology	4			
12-210	Methods of Teaching Science	3			
12-318/ 31- 395	Multicultural Ed/Global Societies	3			
12-416	Analysis of Student Teaching	1			

Arts/Humanities 3

Elective

xx-xx

Students	
must pass	
PRAXIS II	
before Pre-	
Service	
Teaching	
Total Credits 17	Total Credits 12
	Total Credits: 127

<sup>\*\*</sup> Senior Capstone

Students must complete a course that addresses the African-American experience. This course may also satisfy an arts/humanities elective or the history elective. Please see your advisor.

Source URL: <a href="http://desu.edu/curriculum-physics-education">http://desu.edu/curriculum-physics-education</a>

<sup>\*</sup> Writing Intensive Course(s)