Curriculum for Physics Education

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Freshman Fall Semester

Course	Course Name	Cr
26-191	University Seminar I*	1
26-202	General Physics I*	4
25-251	Calculus I	4
23-100	Intro to Biology	3
01-101	English Composition I*	3
	Total Credits	15

Freshman Spring Semester

Course	Course Name	Cr
26-192	University Seminar II*	1
26-202	General Physics II*	4
25-252	Calculus II	4
12-204	Phil. Foundations of Education	3
01-102	English Composition II*	3
16-100	Fitness and Wellness	2
	Take the PRAXIS I Exam	
	Total Credits	17

Sophomore Fall Semester

Course	Course Name	Cr
26-261	Electronics for Scientists*	3
25-253	Calculus III	4
12-313	Intro to the Education of Children with Exceptional Needs	3
36-201	Intro to General Psychology	3
01-xxx	World Literature*	3
	Total Credits	16

Sophomore Spring Semester

Course	Course Name	Cr
22-101	Descriptive Astronomy	3
25-351	Differential Equations	3
50-107	Physical Geology	4
12-207	Life Span Development	3
xx-xxx	Arts/Humanities Elective	3
	Pass Praxis I & Apply to the	
	Teacher Ed Program (60 credits – GPA 2.5 minimum)	
	Total Credits	16

Junior Fall Semester

Course	Course Name	Cr
26-305	Thermal Physics*	3
24-101	Gen & Analytical Chemistry I	4
12-344	Instructional Technology in Education	3
34-xxx	History Elective	3
01-200	Speech	3
	Total Credits	16

Junior Spring Semester

Course	Course Name	Cr
26-316	Intro to Optics*	4
24-102	Gen & Analytical Chemistry II	4
26-418	Theoretical & Experimental Research*	3
12-322	Teaching Reading in Sec Ed	3
12-357	Effective Teaching Skills and Classroom Management	4
	Total Credits	18

Senior Fall Semester

Course	Course Name	Cr
26-361	Modern Physics	3
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
xx-xxx	Arts/Humanities Elective	3
	Students must pass PRAXIS II before Pre-Service Teaching	
	Total Credits	17

Senior Spring Semester

Course	Course Name	Cr
12-400	Pre-Service Teaching**	12
	Total Credits	12

Total Credits: 127

** Senior Capstone
* Writing Intensive Course(s)

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.

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