

College of Health & Sciences

2015-2016 Physics - Teacher Certification Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>			<u>Spring Semester</u>		
UNIV	1001 *	Freshman Seminar	ENG	1213 *	Freshman Composition II
ENG	1113 *	Freshman Composition I	PSYCH	1113 *	General Psychology
GEOG	1214	Earth Science	COMM	1113 *	Fundamentals of Human Communication
MATH	1513 *	College Algebra	CHEM	1114 *	General Chemistry I
	---3 *	Humanities-Western Civilization**	MATH	1713	Trigonometry
HIST	24-3 *	United States History Survey**			

17 TOTAL HOURS

16 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>			<u>Spring Semester</u>		
	---3 *	Humanities & Social Sciences**	PHYS	2225	Engineering Physics II
PHYS	2115	Engineering Physics I	MATH	3025	Calculus & Analytic Geometry II
MATH	2825	Calculus & Analytical Geometry I		---3 *	Humanities-Cultural/ Human Diversity**
CHEM	1214	Chemistry II	KIN	2122 *	Wellness or Nutrition FCS 1513
			EDUC	2402	Survey of Exceptional Children

17 TOTAL HOURS

17 or 18 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>			<u>Spring Semester</u>		
PSYCH	3463	Child & Adolescent Psychology	EDUC	3001	Field Experience II
EDUC	2012	Foundations of Education	EDPSY	3513	Educational Psychology
EDUC	2211	Field Experience I	EDUC	4632	Educational Technology
PHYS	3411	Junior Physics Laboratory	PHYS	3113	Mechanics I
PHYS	3013	Modern Physics		---3 *	Communication (Language)**
PHYS	1314	Astronomy	PS	1113 *	United States Government
UNIV	3001 *	General Education Seminar		---3 {	Required Physics Elective
	---3	Chemistry Elective (3 hours)			NOT PHYS 3222 or 4222)
18 TOTAL HOURS			18 TOTAL HOURS		

FOURTH YEAR - SENIOR

<u>Fall Semester</u>			<u>Spring Semester</u>		
EDUC	4043	Strategies for Effective Teaching	EDUC	4262	Student Teaching Seminar
EDUC	4611	Field Experience III	EDUC	4975	Supervised Student Teaching
PHYS	4113	Electricity & Magnetism- Field Theory	EDUC	4975	Supervised Student Teaching
B/C/P	4113	Methods Teach Biological/Physical Sciences			
	---4	Chemistry Elective (4 hours)			
BIOL	1-14 *	General Botany or General Zoology			

18 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 127-133

*Denotes General Education Requirement

**See current catalog "General Education Requirements" for selection