

# College of Health & Sciences

## 2009-2010 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 Speech
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	EDUC 3513 Methods in Elementary Mathematics- Intermediate
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 133**

\*Denotes General Education Requirement

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