

2011-2012 Physics Teacher Certification Degree Plan

8/16/11

Freshman - Fall Semester

Freshman - Spring Semester

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|------|------|---|-----------------------------------|
| UNIV | 1001 | * | Freshman Seminar |
| ENG | 1113 | * | Freshman Composition I |
| GEOG | 1214 | | Earth Science |
| MATH | 1513 | * | College Algebra |
| MATH | 1713 | | Trigonometry |
| | ---3 | * | Humanities-Western Civilization** |

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|-------|------|---|--------------------------------|
| ENG | 1213 | * | Freshman Composition II |
| PSYCH | 1113 | * | General Psychology |
| COMM | 1113 | * | Fundamentals of Speech |
| CHEM | 1114 | * | General Chemistry I with lab |
| MATH | 2825 | | Calculus & Analytic Geometry I |

17 Total hours

18 Total hours

Sophomore - Fall Semester

Sophomore - Spring Semester

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|------|------|---|---------------------------------|
| | ---3 | * | Humanities/Soc. Sci. elective** |
| PHYS | 2115 | | Engineering Physics I with lab |
| MATH | 3025 | | Calculus & Analytic Geometry II |
| CHEM | 1214 | | General Chemistry II with lab |

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|------|------|---|-----------------------------------|
| PHYS | 2225 | | Engineering Physics II with lab |
| | ---3 | * | Hum/Cultural Diversity Elective** |
| HPER | 2122 | * | Wellness OR Nutrition FCS 1513 |
| EDUC | 2402 | | Survey of Exceptional Children |
| COMM | ---3 | * | Communications (Language)** |

17 Total hours

15 Total hours

Jr. Fall

Jr. Spring

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|-------|------|---|-------------------------------|
| PSYCH | 3463 | | Child & Adolescent Psychology |
| EDUC | 2012 | | Foundations of Education |
| EDUC | 2201 | | Field Experience I |
| PHYS | 3013 | | Modern Physics |
| PHYS | 1314 | | Astronomy |
| UNIV | 3001 | * | General Education Seminar |
| CHEM | ---3 | | Chemistry Elective (3 hours) |

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|------|------|---|---|
| EDUC | 3001 | | Field Experience II |
| EDUC | 3513 | | Educational Psychology |
| PHYS | 3113 | | Mechanics I |
| PS | 1113 | * | U. S. Government |
| PHYS | ---3 | | Required physics el. (Not 3222 or 4222) |
| HIST | 24-3 | * | US History Survey** |
| PHYS | 3411 | | Jr. Physics Lab |

17 Total hours

17 Total hours

Sr. Fall

Sr. Spring

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|-------|------|--|-----------------------------------|
| EDUC | 4043 | | Strategies for Effective Teaching |
| EDUC | 4611 | | Field Experience III |
| PHYS | 4113 | | Electricity & Magnetism |
| B/C/P | 4113 | | Methods Tch Biol/Phys Sci. |
| CHEM | ---4 | | Chemistry Elective (4 hours) |
| BIOL | 1-14 | | General Botany or General Zoolgy |

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|------|------|--|-----------------------------|
| EDUC | 4262 | | Student Teaching Seminar |
| EDUC | 4975 | | Supervised Student Teaching |
| EDUC | 4975 | | Supervised Student Teaching |

18 Total hours

12 Total hours

Total degree plan hours:

131

* General Education Requirement

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