

Missouri State University - College of Natural and Applied Sciences
Department of Physics, Astronomy and Materials Science

Physics Education

B.S. in Education

July 2009

This is a model three year graduation plan. Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, your choice of general education electives, and placement in English and Mathematics.

This degree program can be completed in three years.

<p>First Semester (Fall)</p> <p>Survey of Physics with lab - PHY 100 Calculus I - MTH 261 Intro to Univ Life - IDS 110 Intro to Computing - CSC 111 Writing I - ENG 110 Fitness for Living - PED 100 Total Hours</p>	<p>Second Semester (Spring)</p> <p>4 Calculus II - MTH 280 5 Foundations of Physics I - PHY 203 1 General Biology BIO 121 3 Introductory Psychology PSY 121 3 Intro to Teaching - EDC 150 2 US History - HST 121 or 122 Total Hours</p>	<p>5 5 4 3 1 3 21</p>
	<p>Summer Semester</p> <p>Multivariate Calculus - MTH 302 Foundations of Physics II - PHY 204 Total Hours</p>	<p>3 5 8</p>
<p>Third Semester (Fall)</p> <p>Self-Understanding/Creativity and Vision PHY or AST Elective numbered about 200 Writing II: ENG 321 recommended Public Speaking - COM 115 General Methods of Instruction Teaching - SEC 302 Educ Alt for Exceptional Students - SPE 340 Twentieth Century Physics - PHY 375 Total Hours</p>	<p>Fourth Semester (Spring)</p> <p>3 Culture and Society/Humanities 3 Educational Psychology - PSY 360 3 Foundations of Education - EDC 350 4 Intellectual Foundations Sci & Tech - SCI 505 2 Reading & Writing in Content - RDG 474 3 Expts in 20th Cent Physics - PHY 385 American Democracy and Citizenship - PLS 101 Total Hours</p>	<p>3 3 3 3 2 2 3 19</p>
	<p>Summer Semester</p> <p>Self-Understanding/Humanitiets Basic Astronomy - AST 115 Total Hours</p>	<p>3 4 7</p>
<p>Fifth Semester (Fall)</p> <p>PHY or AST Elective numbered about 200 PHY or AST Elective numbered about 200 General Chemistry I - CHM 160 Topics in Physics - PHY 509 Teaching of Secondary School Science - SCI 414 Ecology and Society - GRY 108 Capstone Course - GEP 397 Total Hours</p>	<p>Sixth Semester (Spring)</p> <p>Supervised Teaching - SCI 493 Supervised Teaching - SCI 494 Total Hours</p>	<p>6 6 12</p>

GPA Requirements Include: at least a 2.50 GPA on all courses attempted at all colleges attended; at least a 2.50 GPA in the certificate subject area (major field of study); at least a 2.50 GPA in any additional certificate subject area; at least a 2.50 GPA in the professional educational courses; and no grade lower than a "C" in all professional education courses.

Other Requirements Include: CBASE score of 265 or higher or completion of waiver contract to continue in BSED program beyond SEC 302 and for graduation; Praxis II exam must be taken prior to Supervised Teaching semester; must