

KU School of Education
GLP Teacher Education Program
 Secondary (6-12) Physics Major

General Education Requirements: The following general education courses must be completed prior to admission to the Graduate Licensure Program with no grade less than a "C":

		Credits	Semester	Grade
ENGL 101	Composition	3		
ENGL 102	Critical Reading and Writing	3		
COMS 130	Speaker-audience Communication	3		
Math 101	College Algebra	3		
Math 105, 106,111,115 or higher	Introduction to Topics in Mathematics, Introduction to Finite Mathematics, Matrix Algebra, Probability, and Statistics, Calculus I, or higher	3		

Admission Requirement: An undergraduate major in Physics or related field, or prior completion of at least half of the courses listed below; however, all the major courses must be completed before student teaching.

Physics Major Courses (31-40 hrs.)

(CHOOSE ONE OF THE FOLLOWING COURSE SEQUENCES:
 PHSX 114, 115, & 116 or PHSX 211, 212, & 313.)

		Credits	Semester	Grade
PHSX 114**	College Physics I	4		
PHSX 115	College Physics II	4		
PHSX 116	Introductory Physics lab	1		

OR

PHSX 211**	General Physics I	4		
PHSX 212	General Physics II	4		
PHSX 313	General Physics III	4		

PLUS

PHSX 557	Topics in Mechanics, Properties of Materials, Thermodynamics	1-3		
PHSX 558	Topics in Electricity and Magnetism and Optics	1-3		
PHSX 559	Topics in Modern Physics	1-3		
PHSX 503	Undergraduate Research	3		
ASTR 191	Contemporary Astronomy	3		
ASTR 196	Introductory Astronomy lab	1		
CHEM 184	Foundations of Chemistry I	5		
CHEM 188	Foundations of Chemistry II	5		
MATH 115	Calculus I	3		
MATH 116	Calculus II	3		
HIST	History of Science course	3		

Professional Education Courses (total of 33 hours in coursework plus 6 hours for the student teaching; only 700 level courses count towards a master's degree)

		Credits	Semester	Grade
ELPS 450, 770, 771 or 775	Foundations of Education	3		
ELPS 737	Governance and Organization of Schools	3		
C&T 709	Foundations of Curriculum & Instruction	3		
C&T 325 or 807	Multicultural Education	3		
C&T 798	Reading and Writing Across Curriculum	3		
PRE 720 or 725	Tests and Measurements	3		
PRE 704	Advanced Educational Psychology	3		
PRE 703 or 730	Classroom Management	3		
C&T 770 or SPED 729	Introduction to Computing in Education	3		
SPED 725	Psychology of Exceptional Children & Youth	3		
C&T 442	Teaching Methods (fall only, in Lawrence)	3		
C&T 501	Student Teaching Internship (full-time, fall or spring) (note: all other courses must be completed before student teaching)	6		