

KU School of Education
GLP Teacher Education Program
 Secondary (6-12) Earth & Space 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 one of the science areas 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.

Earth & Space Major Courses (45 hrs.)

		Credits	Semester	Grade
ASTR 191	Contemporary Astronomy**	3		
ASTR 196	Introductory Astronomy lab**	1		
ATMO 105	Introduction to Meteorology**	5		
GEOL 101	Introduction to Geology**	3		
GEOL 103	Geology Fundamentals Laboratory**	2		
GEOL 302	Oceanography	3		
GEOL 304	Historical Geology	2		
GEOL 351	Environmental Geology	3		
GEOL 360	Field Investigation	2		
GEOL 521	Paleontology	3		
GEOL 311	Mineralogy and the Structure of the Earth	3		
GEOL 331	Sedimentology and Surface Processes	3		
GEOL 552	Introduction to Hydrogeology	3		
	Undergraduate Research experience in ASTR, ATMO, or GEOL	3		
PHSX 114	College Physics I**	4		
PHSX 115	College Physics II	4		
MATH 104	Pre-Calculus	5		
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		