

Tennessee Technological University
 Post-Baccalaureate Licensure Program
 Secondary Science Education (Grades 7-12)
 Earth Science - Endorsement Code 418

General Education

EXPW 2430	First Aid, Safety, CPR Or Evidence of First Aid/Safety/CPR Training	2	_____
MATH 1530	Elementary Probability & Statistics Or MATH 1710 Pre-Calculus I	3	_____
MATH 1830	Concepts of Calculus	3	_____

Professional Education

CUED 4150	Middle Level Curriculum Or CUED 6150 Middle School Curriculum	3	_____
FOED 3830	Field Experience in Education Or CUED 6800 Field Experience	1	_____
FOED 2011 & 1820	Intro to Teaching & Technology & Field Experience Or FOED 6320 Educational Applications of Technology	3	_____
FOED 3010	Integrating Instructional Technology in the Classroom Or CUED 6430 Production of Instructional Materials	3	_____
EDPY 2200	Educational Psychology Or EDPY 7200 Advanced Educational Psychology	3	_____
EDPY 3300	Evaluation & Guidance Or EDPY 6350 Measurement & Evaluation	3	_____
SPED 3000	Teaching Persons W/ Disabilities in the Reg Classroom Or SPED 6010 Survey of Disability Characteristics, Procedures & Methods in Special Education	3	_____
READ 3350	Teaching Reading in Content Areas Or READ 6350 Secondary School Reading Prog	3	_____
SEED 4123 Or 5123	Materials & Methods of Teaching Science	3	_____
FOED 3820	Field Experience in Education Or CUED 6800 Field Experience	1	_____
SEED 4870 & 4880 & 4890	Student Teaching I, II & Seminar	12	_____

General / Physical Science Core

BIOL 1010 & 1020	Intro to Biology I & II	8	_____
CHEM 1010	Intro to Chemistry I	4	_____
PHYS 1030	Concepts of Physics	3	_____
ASTR 1010 or 1020	Intro to Modern Astronomy	4	_____

Science Specialization - Earth Science

GEOL 1040	The Dynamic Earth	4	_____
GEOL 1045	Earth Environment, Resources, and Society	4	_____
GEOL 3410	Paleontology	4	_____
GEOL 4150	Geomorphology	4	_____
GEOL/PSS	Approved Electives	3-4	_____
GEOL 4810	Special Problem	1	_____
	Or GEOL 4820 Special Problem		