

Tennessee Technological University
 Post-Baccalaureate Licensure Program
 Secondary Science Education (Grades 7-12)
 Biology - Endorsement Code 415

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

ASTR 1010 or 1020	Intro to Modern Astronomy	4	_____
CHEM 1110 & 1120	Intro to Chemistry I & II	8	_____
GEOG 1040	The Dynamic Earth	4	_____
PHYS 2010	Algebra-based Physics I Or PHYS 2110 Calculus-based Physics	4	_____

Science Specialization - Biology

BIOL 1010 & 1020	Intro to Biology I & II	8	_____
BIOL 3130	General Ecology Or BIOL 3550 Ecology	4	_____
BIOL 3810	General Genetics Or BIOL 3100 Genetics	4	_____
BIOL 2350	Intro Anatomy & Physiology	4	_____
BIOL 3920	Biological Communication Skills	3	_____