

2010 Fall Biology Education 7-12 Licensure rev. 01-25-10

Total hours: 153

Major (48 hours)	GENERAL EDUCATION (69 hours)
BIOL 101 General Biology I	*CISC 100 Computer as a Tool
BIOL 102 General Biology II	CISC 216 Computer as a Classroom Support System
BIOL 201 Genetics	CMNS 330 The Hebrew and Christian Traditions
BIOL 202 Microbiology	CMNS 380 The Political Traditions of the West
BIOL 205 Morphology and Taxonomy of Plants	** ENGL 100 Introduction to College Writing*
BIOL 301 General Ecology OR BIOL 401 Invertebrate Biology	ENGL 110 Composition and Rhetoric
BIOL 302 Human Physiology	ENGL 111 Composition, Research and Rhetoric
CHEM 101 General Chemistry I	EVSC 111 Environmental Science
CHEM 102 General Chemistry II	GEOL 101 Geology
EDUC 419 Content Area Reading	HIST 101/2 The West and the World I <u>or</u> II
PHYS 101 General Physics I	HIST 201/2 U.S. History I or II
PHYS 102 General Physics II	**MATH 99 Introductory College Algebra
	**MATH 100 Intermediate Algebra
	**MATH 135 College Algebra
	MATH 140 Elementary Statistics
	MATH 160 Trigonometry OR MATH 180 Precalculus
	OREN 105 Tusculum Experience (1 hr.)
PROFESSIONAL EDUCATION (36 hours)	PHED 201 Foundations of Physical Fitness and Wellness
SPED 101 Survey of the Regular and Special Populations Within the School Environment	PSYC 101 Essentials of Psychology
EDUC 200 History and Philosophy of Education	PSYC 200 Developmental Psychology
EDUC 320 Classroom Discipline and Management	PSYC 305 Educational Psychology
HGLN 337 Assessment and Evaluation	SOCI 101 Principles and Social Institutions
EDUC 342 Learning Environments 7-12	CHOOSE ONE:
EDUC 452 Student Teaching Seminar	MUSC 101 Introduction to Western Music
EDUC 456 Enhanced Student Teaching: 9-12 (6 hours)	THEA 104 Introduction to Theatre
EDUC 458 Enhanced Student Teaching: 7-8 (6 hours)	VISA 110 Introduction to Art
	VISA 204 Ancient Through Renaissance Art
	VISA 208 Baroque Through Modern Art
	*Test out opportunity is available.
	**Not required if ACT scores merit