

EAST TENNESSEE STATE UNIVERSITY

Clemmer College of Education and Human

Development

Student Name

ADD-ON ENDORSEMENT PROGRAM OF STUDY**BIOLOGY 6-12, Code 126**

ID#

_____	BIOL 1110/11	Biology for Science Majors Lecture/Lab I (4)
_____	BIOL 1120/21	Biology for Science Majors Lecture/Lab II (4)
_____	BIOL 1130/31	Biology for Science Majors Lecture/Lab III (4)
_____	BIOL 3100	General Genetics (3)

A minimum of 6 credits earned by taking two courses from different levels in the Advanced Biology Elective Menu:

MOLECULAR LEVEL

_____	BIOL 3150	Cell Biology (3)
_____	BIOL 4147	Biochemistry of Macromolecules (3)
_____	BIOL 4167	Biochemistry of Metabolism (3)
_____	BIOL 4597	Recombinant DNA Lab (3)
_____	BIOL 4647	Molecular Biology (3)

POPULATION LEVEL

_____	BIOL 3550	Ecology (4)
_____	BIOL 4360	Evolution (3)
_____	BIOL 4737	Conservation Biology (4)
_____	BIOL 4747	Population Genetics (4)
_____	BIOL 4867	Marine Biology (4)
_____	BIOL 4337	Plant Systematics (4)

ORGANISMAL LEVEL

_____	BIOL 3220	Comparative Anatomy (4)
_____	BIOL 3230	Vertebrate Embryology (4)
_____	BIOL 3260	Animal Physiology (4)
_____	BIOL 4357	Ethology (3)
_____	BIOL 4767	Plant Physiology (4)
_____	BIOL 4267	Plant Dev (4)
_____	BIOL 4277	Neurobiology (4)

BIODIVERSITY LEVEL

_____	BIOL 3410	Vertebrate Zoology (4)
_____	BIOL 3460	Invertebrate Zoology (4)
_____	BIOL 3480	General Entomology (4)
_____	BIOL 4450	Bryophytes, Ferns, and Seed Plants (4)
_____	HSCI 3320/21	General Microbiology (4)
_____	HSCI 2230/31	Intro to Microbiology (4)
_____	BIOL 3420	Plant Biology (4)

MINIMUM CREDIT HOURS = 21

Revised 03/07/2018

Contact the Certification Coordinator, Clemmer College of Education and Human Development, Box 70685, Johnson City TN 37614 or Telephone (423) 439-7562 or Email: teacherlicensure@etsu.edu. Office located in Room 305 Warf-Pickel Hall.

- Complete and submit the [Declaration of Intent to Pursue Additional Teaching Endorsements](#) at the beginning of add-on coursework.
- Course substitution requests require a completed [Course Substitution Form](#), which must be routed through the certification officer.
- Teacher education students who are pursuing initial teaching license and wish to add credits toward an add-on endorsement may do so. Please be advised: An add-on program does not necessarily meet the requirements of a minor, and substitutions or approvals made for teaching add-ons do not take the place of catalog requirements or departmental advisement for degree purposes.
- Courses counted toward an add-on must have a minimum grade of "C" (2.0) or equivalent unless otherwise stated in this program sheet.
- Add-ons will not be verified unless all requirements for initial Tennessee teaching license are met.
- This endorsement can be added by coursework only, that is, by completing this add-on endorsement program of study, and does not require passing a content area assessment.
- When coursework is complete, please contact the Certification Officer to request the college submit the endorsement recommendation to your account in TNCompass.