

**EAST TENNESSEE STATE UNIVERSITY
CLEMMER COLLEGE**

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

Student Name

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 03/07/18

Contact the Certification Coordinator, Clemmer College, 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.
- Specialty area content assessments are required for add-on endorsements. Consult with your advisor for assessment information. When registering for the tests, be sure to designate East Tennessee State University, Recipient Code 1198, and Tennessee Dept. of Education, Recipient Code 8190, to receive a copy of your score report. NOTE: Tennessee requires a Social Security number on the score report to process educator certification paperwork.
- When coursework and assessments are complete, please contact the Certification Officer to request the college submit the endorsement recommendation to your account in TNCompass.