

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: BIO 220
Course Title: General Ecology /Lab
Recommended Transcript Title (if over 40 characters)
Date Approved/Revised: 10/28/2020; 11/11/2019
Credit Hours: 4 Contact hours per week (Based on 15 week term): Lecture: 3 Lab: 1
Prerequisite: BIO 101\L and BIO 102\L Corequisite: None Pre/Corequisite: None
Grading Mode: Letter
Catalog Description: Environmental relationships of plants and animals. Field laboratory experience. Measuring environmental variables in terrestrial and aquatic ecosystems
Course Outcomes: 1. Explain major biological [ecological] concepts. 2. Use critical thinking and scientific skills to analyze and solve problems. 3. Effectively communicate biological problems and solutions to both the scientific community and the public at large in writing and in discussion. 4. Formulate logical hypotheses and test them by designing and running appropriate experiments or observational studies and analyses. 5. Identify the central body of knowledge in biology or zoology (genetics, evolution, ecology and organismal biology, molecular biology). 6. Use scientific literacy and knowledge of biology or zoology [ecology] to analyze contemporary social and environmental issues and contribute to informed opinion.
Implementation Cycle: Spring
Role in College Curriculum: (Check all that apply) <input checked="" type="checkbox"/> General Education Core – Natural Science <input checked="" type="checkbox"/> Technical Core (BET) <input type="checkbox"/> Restricted Elective <input checked="" type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: Yes
Instructor's Qualifications: Master's degree with a minimum of 18 hours in biology or related field or Bachelor's degree in biology or related field. Laboratory may be taught by a teaching assistant with a minimum of a Bachelor's in biology or related field.
Expanded Course Description (provides details regarding major course concepts, target audience, delivery format, etc.)

Course Number & Title: BIO 220 – General Ecology and Lab

Date Prepared/Revised: 11-11-19; 9/11/20

Date Course Approved by Curriculum Committee: 11-11-19; 9-15-2020

Date Course Approved by LOT: 11-12-18; 10/28/2020

Prepared by: Amo Oliverio, Science Instructor	9/11/2020
Name, Title	Date
Approved Per LOT Minutes	10/28/2020
Dean, Academic and Student Services	Date