

ENVIRONMENTAL SCIENCE: ORGANISMAL/POPULATION ECOLOGY

B.S. Evs., Environmental Science: Organismal/ Population Ecology Track Requirements: 45 Credits

Code Title Credits

The following courses are required for all tracks. In addition, the students must choose one track.

BIO 201 & BIO 205	General Biology: Organismal and Population and General Biology: Organismal and Population Laboratory	4
BIO 202 & BIO 206	General Biology: Cellular and Molecular and General Biology: Cellular and Molecular Laboratory	4
CHM 203 & CHM 204	General Chemistry I and General Chemistry I Laboratory	4
CHM 205 & CHM 206	General Chemistry II and General Chemistry II Laboratory	4
EVS 123 & EVS 124	Science for a Changing Planet: An Introduction to Earth Systems and Earth System Science Laboratory	4
EVS 201	Introduction to Environmental Science	3
EVS 420	Environment & Society: Sociological Perspectives	3
EVS 490	Senior Seminar: Discussion	1
EVS 491	Senior Seminar	1
EVS 533	Physical Climatology and Climate Change	3
Total Credits		31

Code Title Credits

Organismal/Population Ecology Track 14

Select fourteen credits from the following:

EVS 311	Biostatistics
EVS 315	Foundations of Ecology & Evolution
EVS 335	Zoology
EVS 341	Botany
EVS 371	Animal Behavior
EVS 372	Animal Behavior Laboratory
EVS 383	Vertebrate Natural History
EVS 384	Vertebrate Natural History Laboratory
EVS 415	Evolution
EVS 439	Parasitology
EVS 443	Environmental Geology
EVS 452	Microbiology
EVS 461	Entomology
EVS 471	Conservation Biology
EVS 481	Terrestrial Ecology
EVS 485	Aquatic Ecology
EVS 486	Freshwater Ecology Laboratory
EVS 487	Marine Ecology Laboratory
EVS 539	Ecology of Zoonotic Diseases
EVS 541	Special Topics in Plant Biology

EVS 545	Plant Diversity and Evolution
EVS 549	Environmental Physiology
EVS 570	Making Maps that Matter: Introduction to GIS
EVS 580	Current Topics in Ecology
Total Credits	14

MTH 231 Calculus for the Biological Sciences, PHY 201 General Physics for the Life Sciences and PHY 202 General Physics for the Life Sciences II are highly recommended and may be required for students planning on attending specific graduate programs. In addition, EVS 311 Biostatistics is recommended for students engaged in research or planning to pursue research in graduate school.