

B.S. EVS., MAJOR IN ENVIRONMENTAL SCIENCE: ORGANISMAL/POPULATION ECOLOGY TRACK

B.S. Evs., Major in 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.		
EVS 113	Introduction To Atmospheric Sciences	3
EVS 114	Introduction To Atmospheric Sciences Laboratory	1
EVS 355	Environment and Society: Sociological Perspectives	3
EVS 390	Environmental Science	3
EVS 491	Senior Seminar (Students must take this course twice.)	2
EVS 533	Physical Climatology and Climate Change	3
BIO 202 & BIO 206	General Biology: Cellular and Molecular and General Biology: Cellular and Molecular Laboratory	4
BIO 201 & BIO 205	General Biology: Organismal and Population and General Biology: Organismal and Population Laboratory	4
CHM 203	General Chemistry I	3
CHM 204	General Chemistry I Laboratory	1
CHM 205	General Chemistry II	3
CHM 206	General Chemistry II Laboratory	1
Total Credits		31

Organismal/Population Ecology Track 14

Select fourteen credits from the following:

EVS 335	Zoology
EVS 341	General Botany
BIO 451	Microbiology
EVS 371	Animal Behavior
EVS 372	Animal Behavior Laboratory
EVS 383	Vertebrate Natural History
EVS 384	Vertebrate Natural History Laboratory
EVS 385	The Ecology, Geography and Health of Lakes
EVS 435	Coastal and Estuarine Ecology
EVS 443	Environmental Geology
EVS 445	Environmental Physiology
EVS 461	Entomology
EVS 481	Terrestrial Ecology
EVS 485	Marine And Freshwater Ecology
EVS 486	Freshwater Ecology Laboratory
EVS 487	Marine Ecology Laboratory
EVS 523	Environmental Toxicology

EVS 541	Advanced Topics in Plant Biology
EVS 539	Ecology of Zoonotic Diseases
EVS 545	Plant Diversity and Evolution
EVS 580	Current Topics in Ecology
EVS 581	Evolution
Total Credits	14

MTH 231 Calculus for the Biological Sciences, PHY 201 General Physics for the Life Sciences and PHY 202 are highly recommended and may be required for students planning on attending specific graduate programs. In addition, EVS 310 Biostatistics is recommended for students engaged in research or planning to pursue research in graduate school.