

Fall 2019 EVS Course List Offerings

EVS Prescribed Coursework – ALL EVS Students!

Approved EVS Environmental and Sustainable Policy, Ethics & History courses:

- **PHL 325C: Environmental Ethics**
 - *Crosslisted with BIO 337 Environmental Ethics. Either section can fulfill this requirement.*
- **GRG 342C: Sustainable Development**
- **GRG 356 Topic: Children's Environmental Health**
- **GRG 356 Topic: Water Resources: Latin America/Caribbean**
 - *Crosslisted with LAS 330 Water Resources: Latin America/Caribbean. Either section can fulfill this requirement.*
- **GRG 356T Topic: Human Health & the Environment**
 - *Crosslisted with URB 350 Human Health & the Environment. Either section can fulfill this requirement.*
- **GRG 356T Topic: Digital Spatial Tech: App/Ethics**

Approved EVS GIS courses:

- **GRG 460G: Environmental Geographic Systems**
- **GRG 462K: Intro to Remote Sensing of Environment**
- **GEO 327G: GIS & GPS Applications in Earth Science**
 - *Prerequisite: GEO 420K w/C- or higher. Best for EVS-GEO students.*

Approved EVS Climates & Oceans courses:

- **GRG 330W: Water and Watersheds**
- **GRG 333K: Climate Change**
- **MNS 320: Marine Ecology**
 - *Can count for either EVS Ecology requirement OR EVS Climates & Oceans requirement, NOT BOTH.*

Fall 2019 EVS Course List Offerings

EVS-Geography Track – GRG Students!

Approved Geography Track courses:

- **GRG 401C: The Natural Environment**
- **GRG 404E: A Changing World**

- **GRG 301K: Weather and Climate**
- **GRG 330W: Water and Watersheds**
- **GRG 333C: Severe and Unusual Weather**
- **GRG 333K: Climate Change**
- **GRG 335N: Landscape Ecology**
- **GRG 350E: Geoprocessing**
- **GRG 356 Topic: Water Resources: Latin America/Caribbean**
 - *Crosslisted with LAS 330 Water Resources: Latin America/Caribbean. Either section can fulfill this requirement.*
- **GRG 356T Topic: Human Health & the Environment**
 - *Crosslisted with URB 350 Human Health & the Environment. Either section can fulfill this requirement.*
- **GRG 356T Topic: Digital Spatial Tech: App/Ethics**
- **GRG 460G: Environmental Geographic Info Systems**
- **GRG 462K: Intro to Remote Sensing of Environment**
- **GRG 366K: Biogeography**
- **GRG 367K: Vegetation Ecology**
- **GRG 368C: Spatial Analysis/GIS**

Fall 2019 EVS Course List Offerings

EVS-Geology Track – GEO Students!

Approved Geology Water & Climate courses:

Courses count for **either** GEO Climate & Water **OR** upper division GEO elective, **NOT BOTH**.

- **GEO 476K: Groundwater Hydrology**
 - Prereqs: One of the following w/C- or higher: GEO 346C, M 408D, or M 408M.
- **GEO 376S: Physical Hydrology**
 - Prereqs: One of the following w/C- or higher: GEO 346C, M 408D, or M 408M.

Good options for upper division GEO electives, pending prerequisites:

- **GEO 428: Structural Geology**
 - Prereqs: GEO 420K, M 408C or M 408L, and PHY 301 and 101L or 303K and 103M w/C- or higher.
- **GEO 339T: Continental Tectonics**
 - Prereqs: GEO 428 w/C- or higher.
- **GEO 145E: Professional Ethics in Geosciences**
- **GEO 371T: Adv in Unconventional Shale Gas Resources**
- **GEO 376C: Isotope Geology**
 - Prereq: CH 302 and M 408D or M 408M w/C- or higher.
- **GEO 476K: Groundwater Hydrology**
 - Prereqs: One of the following w/C- or higher: GEO 346C, M 408D, or M 408M.
 - Can count for **either** upper division GEO elective **OR** GEO Water & Climate (pick one).
- **GEO 376S: Physical Hydrology**
 - Prereqs: One of the following w/C- or higher: GEO 346C, M 408D, or M 408M.
 - Can count for **either** upper division GEO elective **OR** GEO Water & Climate (pick one).
- **GEO 376T: High-Temperature Geochemistry**
 - Prereq: M 408D or M 408M w/C- or higher.
- **GEO 377K: Applied Karst Hydrogeology**
 - Prereq: GEO 476K w/C- or higher.

Fall 2019 EVS Course List Offerings

EVS-Biology Track – BIO Students!

Approved Biology Taxon-Based Diversity courses:

- BIO 453L: Entomology
- BIO 463L: Plant Systematics

Approved Biology Physiology, Neurobiology, and Behavior courses:

- BIO 322 & 122L: Seed Plants and Lab
- BIO 328: Introductory Plant Physiology
- BIO 346: Human Biology
- BIO 359K: Principles of Animal Behavior
- BIO 361: Human Infectious Diseases
 - *Prereqs: BIO 325 AND BIO 326M or 326R w/C- or higher in each.*
- BIO 365S: Human Systems Physiology
- BIO 367C: Cell and Molecular Bases of Neural Development
- BIO 371L: Experimental Physiology