• ENVIRONMENTAL SCIENCE AND POLICY (EVR)

The status of the earth’s environment has been a major concern since the 1960s. As we enter the 21st century, it represents one of the most critical issues facing nearly all nations individually as well as the earth community as a whole. Increased population, technology, globalization and diminishing natural resources all play an important role in the changing environment. As a consequence, governments at all levels are devoting resources to help understand the problems that we are facing and to aid in their mitigation. This includes everything from public education to cleaning up toxic waste sites.

The environmental industry is a growing arena for employment for degree holders at all levels. Students completing the Bachelor of Science (B.S.) in Environmental Science and Policy have found employment with government agencies (city, county, state, and federal), private industry, and non-profit organizations. Examples of careers include field scientist, research scientist, policy analyst, lobbyist, conservationist, and educator. Some also go on to attend graduate or law school.

The B.S. in Environmental Science and Policy was approved in 1995. This interdisciplinary program spans multiple colleges within the university but is housed in the College of Arts and Sciences. All students must complete the University’s General Education Requirements. All majors in the program must complete the required courses including two introductory courses in environmental science and policy, 2 semesters each of general biology and general chemistry, environmental ethics, environmental politics and policy, statistics and physical science (either geology or physics). In addition, majors take 6-7 courses that allow them to sub-specialize in science or in policy. Students choosing to sub-specialize in science must take 2 semesters of calculus, 1 semester of organic chemistry and lab, and 4 electives within designated tracks. Students choosing to sub-specialize in policy must complete the internship.

REQUIREMENTS FOR ALL ENVIRONMENTAL SCIENCE MAJORS

EVR 2001 Intro to Environmental Science
EVR 2001L Intro to Environmental Science Lab
EVR 2861 Intro to Environmental Policy
EVR 4921 ESP Seminar
EVR 4910 ESP Project
or
EVR 4940 ESP Internship
BSC 2010 Biology I
BSC 2010L Biology Lab I
BSC 2111 Biology II
BSC 2111L Biology Lab II
CHM 2045 General Chemistry I
CHM 2045L Chemistry Lab I
CHM 2046 General Chemistry II
CHM 2046L Chemistry Lab II
PUP 4203 Environmental Politics and Policy
PHI 3640 Environmental Ethics

Statistics
STA 2023 Introductory Statistics
or
QMB 2100 Business and Economic Statistics
or
EGN 3443 Engineering Statistics

Geology or Physics
GLY 2010 Dynamic Earth
GLY 2015L Essentials of Geology Lab
or
GLY 2100 Historical Geology
GLY 2015L Essentials of Geology Lab
or
PHY 2048 General Physics
PHY 2048L General Physics Lab
or
PHY 2053 General Physics
PHY 2053L General Physics Lab

Science Track
MAC 2241 Life Sciences Calculus I
MAC 2242 Life Sciences Calculus II
or
MAC 2281 Engineering Calculus I
MAC 2282 Engineering Calculus II
or
MAC 2311 Calculus I
MAC 2312 Calculus II
and
CHM 2205 Organic Chemistry
CHM 2210L Organic Chemistry Lab

Policy Track
ECP 3302 Environmental Economics
POS 3697 Environmental Law

Science Track
MAC 2241 and MAC 2242 OR MAC 2281 and MAC 2282 OR
MAC 2311 and MAC 2312 and CHM 2210 and CHM 2210L
plus 4 electives from one of the following tracks: Restoration,
Water Quality, Environmental Monitoring or Marine Resources.
Please contact the Program office for a current list of electives
under these categories.

Policy Track
ECP 3302 and POS 3697
plus four approved policy-related electives.
Please contact the Department office for a current list of electives
under this category. The Department is located in
SCA 238 or you may call (813) 974-2739.

Requirements for the Minor in
Environmental Policy

A total of 19-20 credits are required for the minor in
Environmental Policy, 12 of which must be completed at USF.
The Minor in Environmental Policy consists of the following
program outline:
Required core courses:
- EVR 2001 Introduction to Environmental Science
- EVR 2001L Introduction to Environmental Science Lab
- EVR 2861 Introduction to Environmental Policy
Three of the following four courses:
- PUP 4203 Environmental Politics and Policy
- PHI 3640 Environmental Ethics
- ECO 3302 Environmental Economics
  (prerequisite: ECO 2023 Microeconomics)
- POS 3697 Environmental Law
Plus on approved policy-related elective. Please contact
the department office for a current list of electives under this
category.