

ENVIRONMENTAL SCIENCES AND STUDIES PORTFOLIO INSTRUCTIONS - SPRING 2020

Overview: When taking the capstone class, ENVS 490, students will compile an electronic portfolio of their best environmentally related academic work. **The portfolio highlights accomplishments and experiences in the Environmental Studies/Science major.** As a reflection tool, it prepares students for the transition to environmental careers or advanced study. As an assessment device, it enables data-driven improvements in advising, curriculum design, and instruction.

General instructions: The portfolio should represent your best work. Writing should be clear and concise, with well-constructed sentences and good writing mechanics. **Select for quality, not quantity.** You are expected to turn in a "draft" portfolio for review by your instructor. The final portfolio will be due later in the semester.

YOU MUST COMPLETE A SATISFACTORY PORTFOLIO BEFORE YOU RECEIVE A GRADE IN ENVS 490. (The portfolio is graded S/U).

Collect materials demonstrating your BEST work in each of the following areas. Ideally, use no piece of work twice. Consider documents from class projects, homework assignments, lab reports, independent research projects, volunteer work, internships, etc. For coursework materials, select only from courses fulfilling ENST/ ENSC requirements (i.e., not general education or courses from other major/minor courses and not courses taken at other institutions). At least one of your papers must come from and upper-level ENVS course (ENVS 350, 375, 490, 495, 510, for instance). Submit clean copies with no markings or grades. You may wish to clean up what you submitted to your professor. Consult your instructor if you have questions.

In some cases, students will be asked to write an addendum to their original paper. Both the original paper and the addendum will then become part of the portfolio.

Key Sections: Please provide documents/artifacts (labeled with title and origin) demonstrating your ability/achievements in the following areas:

Practical Experience: Demonstrate how you have engaged in sustained and meaningful environmental experiential learning.	
	Provide your most updated resume that includes reference to your experiential learning experience and is formatted as recommended by the Office of Career and Civic Engagement.
	Provide at least one of the following:
	If you participated in an internship, please provide copies of your learning agreement, your work log, and your final reflective statement.
	If you participated in independent research, please provide your final paper or poster and a reflection that describes what you learned or learned to do.
	If you participated in a sustained volunteer experience, please provide descriptions of the activities, a log of the time you spent, and your final reflection.
	Provide a reflective/summary statement (no more than 1.5 pages) on your experience or experiences. Be sure to comment on what you did, what you learned or learned to do, and/or what value this experience added to your environmental program. Within the reflection, be sure to indicate when the activity occurred, where it took place, and who supervised your work.
Evaluate solutions to complex environmental problems: Demonstrate how you can evaluate multi-faceted solutions to balance human activity with a sustainable environmental future.	

	Provide at least one paper from a course within your major that examines solutions to a complex environmental problem.
	Provide a reflective statement (no more than 1.5 pages) that explains the origins of each piece you include in this section and why it fits here. Be specific.
ENST majors only - Knowledge integration: Demonstrate how you can integrate knowledge of the human and social dimensions of environmental issues with the scientific dimensions of environmental issues.	
	Provide at least 1 paper from 1 of the environmental social sciences or humanities courses within your major that demonstrates your ability to examine (explain, analyze, etc.) an environmental issue through the lens of various world-views or belief systems (ethical systems, religion, culture, etc.). Ideally papers should consider the implicit and explicit assumptions and values of the world-views or belief systems.
	Provide at least 1 paper from a different environmental social sciences or humanities course within your major that demonstrates your ability to examine (explain, analyze, etc.) an environmental issue through the lens of various social systems/processes (i.e., historical, geographical, societal, political, economic, cultural contexts).
	Possible addendums:
	If scientific dimensions of the environmental issue are not included in at least one of these papers, an addendum will be written in ENVS 490.
	If ethical issues related to one of the paper's topics are not addressed in at least one of these papers, an addendum will be written in ENVS 490.
	Provide a reflective statement (no more than 1.5 pages) that explains the origins of each piece you include in this section and why it fits here. Be specific.
ENSC majors only - Knowledge integration: Demonstrate how you can integrate knowledge of the scientific dimensions of environmental issues with the human and social dimensions of environmental issues.	
	Provide 2 papers from 2 different science courses above the introductory level within the major (BIOL, CHEM, GEOL, PHYS) that demonstrate your ability to use the scientific method . If possible those papers should relate to an environmental issue. One of these papers must be your BIOL 300 paper. You may provide more than 2 papers in this section if you wish.
	Possible addendums:
	If the impacts of world-views or social systems are not discussed or analyzed within one of these papers, an addendum will be written in ENVS 490.
	If the ethical issues related to one of the paper's topics is not addressed in one of these papers, an addendum will be written in ENVS 490.
	Provide a reflective statement (no more than 1.5 pages) that explains the origins of each piece you include in this section and why it fits here. Be specific.