

CHECKLIST OF ENVIRONMENTAL STUDIES MAJOR REQUIREMENTS, 2024–25 (updated 8/25/24)

To be completed, signed by you and your ES advisor and returned electronically to ES Director or envs@oberlin.edu along with the Declaration of Major form
IMPORTANT! Name files: [LAST NAME], [FIRST NAME] [ES Checklist or Major Form] [today's date:YYMMDD] e.g "Doe, Jane ES Major Checklist 240901"

Name: _____

T Number: _____

I. CORE COURSES REQUIRED OF ALL MAJORS

In all columns below, insert a semester and year to indicate courses already taken or to be taken (e.g. "F26"). Semesters next offered and other attributes (e.g., QFR, CD, LAB, etc.) are listed in parentheses following course names. Semesters of next offerings change - check Overview. When multiple options exist to fulfill a requirement circle or otherwise indicate the course number of the course taken or to be taken. An * denotes courses that have prerequisites (not including those that require ENVS101).

Taken	To be taken	
_____	_____	ENVS 101 Environment and Society (every semester)
_____	_____	_____ (check here) 5 on the AP Environmental Science allow exemption from ENVS 101 (<i>instead take 1 additional SS/HU elective</i>)
_____	_____	ENVS 201 Introduction to Environmental Humanities (generally every semester) (F24, S25)
_____	_____	ENVS 208 Environmental Policy (F24, S25) OR *ECON 231 Environmental Economics (F24, S25, QFR)
_____	_____	BIOL 103 Environmental Biology (S25, QFR) OR *BIOL 210/211 Evolution and Ecology (F24, S25, QFR)
_____	_____	CHEM 051 Chemistry and the Environment (F24, S25, QFR) OR CHEM 101 Structure & Reactivity (F24, S25, QFR) OR
_____	_____	*CHEM 102 Principles of Chemistry (F24, S25 QFR) OR *CHEM 103 Topics General Chemistry (TBD, QFR)
_____	_____	GEOS 120 (LAB) or any GEOS course that counts towards the GEOS major
_____	_____	Out of the three core NS courses (BIOL, CHEM & GEOS) and one NS elective (see later), at least one course must have a lab. Please list the course ID number of the NS course with a lab here _____

Fill in the blank on right

II. SOCIAL SCIENCE & HUMANITIES ELECTIVES

You must select at least 3 full courses from the list below in either Social Science or Humanities

Taken	To be taken	Social Science (SS) Courses:
_____	_____	ENVS 206 Global Environmental History (S25)
_____	_____	ENVS 222 Local vs. Global: Environmental Issues Beyond Borders (S26, CD)
_____	_____	ENVS/CAST 223 Surviving America: Introduction to Native American and Indigenous Studies (F24, CD)
_____	_____	ENVS 227 Food and Social Justice (F24, S25)
_____	_____	ENVS/ECON 231 Environmental Economics (F25, QFR) (<i>if you have also taken ENVS 208</i>)
_____	_____	ENVS 237 Alaska Natives and the Environment (S25, CD)
_____	_____	ENVS 306 Trust the Science? Controversies in Environmental Policy (TBD)
_____	_____	ENVS 322 Energy and Society (S25)
_____	_____	ENVS 323 Global Environmental Politics (F24)
_____	_____	ENVS 324 Natural Resources and Conflict (S25)
_____	_____	ENVS 326 Environmental History of Oceans and Great Lakes (F24)
_____	_____	ENVS/ECON 332 Energy Economics (TBD)
_____	_____	ENVS/CAST 339 Indigenous Activism, Environmental Justice, and the State (F24, CD, W-Int)
_____	_____	ENVS 354 Practicum in Ecological Communication (F24)
_____	_____	ENVS 360 Migration, Refugees & Resilience (S25, CD)
_____	_____	ENVS/CAST 385 Indigenous Nations, Treaty Rights, and the Great Lakes (F26, CD, W-Int)
_____	_____	ENVS 390 Sustainable Cities (F24)
_____	_____	ENVS/ECON 432 Seminar in Energy & Environmental Economics (F24, QFR)
_____	_____	ANTH 212 Ecological Perspectives on Small-Scale Societies (F24, CD)
_____	_____	PSYC 308 Advanced Methods in Community Based Social Marketing (F24)
_____	_____	SOCI 241 American Urbanism: From Hometown to Smogtown (TBD)
_____	_____	SOCI 284 Environmental Sociology (S25)
_____	_____	SOCI 438 Coal, Communities and Culture (TBD)
_____	_____	Humanities (HU) Courses:
_____	_____	ENVS 209OC Black Ecologies & Environmental Justice (F24)
_____	_____	ENVS 219 Climate Change: Ethics, Equity, Narratives (F21)
_____	_____	ENVS/CAST 302 American Agricultures (S25)
_____	_____	ENVS 414 The Environmental Justice Methodologies (S25)
_____	_____	DANC 203 Somatic Landscapes (S25)
_____	_____	EAST 249 Green Japan: Nature in Japan's Arts & Literature (TBD)
_____	_____	ENGL 105 Literature and Environmentalism (S25)

III. NATURAL SCIENCE ELECTIVE

You must take 1 full or 2 half courses from list below. The same course cannot be taken to fulfill the core requirement. An * indicates prerequisites.

Taken	To be taken	
_____	_____	*ENVS 316 Ecosystem Ecology and Climate Change (F24, LAB, QFR, Research Methods)
_____	_____	ENVS 336 Practicum in Agroecology at the George Jones Farm, Part 1 (S25, 2 credits)
_____	_____	ENVS 337 Practicum in Agroecology Part 2 (F24, 2 credits)
_____	_____	*ENVS 340 Simulation Modeling and Systems Thinking (S25, QFR, Research Methods)
_____	_____	*BIOL 323 Plant Systematics (S24, LAB)
_____	_____	*CHEM 208 Environmental Chemistry (TBD, QFR) 4 credits
_____	_____	*CHEM 211 Analytical Chemistry (F24, LAB, QFR)
_____	_____	GEOS 111 Glaciers and Climate Change (F24, S25 QFR)
_____	_____	GEOS 120 Earth's Environments (F24, S25, LAB)
_____	_____	GEOS 122 Natural Hazards (F24, S25, 4 credits but only 2 count as NS)
_____	_____	GEOS 123 Geology of Natural Resources (F24, S25, QFR)
_____	_____	GEOS 124 Earth Science and Social Justice (S25, LAB)
_____	_____	GEOS 152 Soils and Society (F24, S25, QFR)
_____	_____	GEOS 161 Oceanography (S25, QFR)
_____	_____	GEOS 204 Evolution of the Earth (S25, LAB, QFR)
_____	_____	GEOS 210 Oceans and Climate (S25, QFR)
_____	_____	GEOS 335 Interdisciplinary Geographic Information Systems and Cartography (F24, QFR)
_____	_____	GEOS 380 Great Lakes Limnology (S25, QFR)
_____	_____	NSCI 108 Environmental Chemicals in Human Health (F24, S25)
_____	_____	NSCI 175 Ecological impacts of invertebrate neurobiology (F24, S25)
_____	_____	PHYS 103 Elementary Physics I (F24, LAB, QFR)
_____	_____	PHYS 110 Mechanics and Relativity (F23, LAB, QFR)

IV. RESEARCH METHODS ELECTIVE

You must take 1 full course from the list below. † indicates course that concurrently count towards multiple requirements (e.g. ENVS316 fulfills both the NS Elective requirement and the Research Methods requirement).

Taken	To be taken	
_____	_____	†ENVS 316 Ecosystem Ecology and Climate Change (F24, QFR, NS)
_____	_____	†ENVS 340 Simulation Modeling and Systems Thinking (S25, QFR, NS)
_____	_____	ARTH 299 Methods of Art History (S25, W-Adv)
_____	_____	CAST 200 Theories and Methods (F24)
_____	_____	†CHEM 211 Analytical Chemistry (F24, QFR)
_____	_____	ECON 255 Introduction to Econometrics (F24, S25)
_____	_____	ENGL 299 Introduction to the Advanced Study of Literature (S25, W-INT)
_____	_____	PHIL 201 Reason and Argument (S25)
_____	_____	POLT 205 Political Research and Analysis (F24)
_____	_____	PSYC 200 Research Methods I (F24, S25, QFR)
_____	_____	PSYC 308 Advanced Methods in Community Based Social Marketing (F24)
_____	_____	SOCI 301/302 Social Research Methods (F24, QFR)
_____	_____	STAT 113 Introduction to Statistics (F24, S25, QFR)
_____	_____	STAT 205 Statistics and Modeling (F24)

COURSES FROM THE ES CHECKLIST ADDENDUM, STUDY AWAY, AND APPROVED TRANSFER CREDITS (if any)

Courses that count towards the ES major that are one-time offerings, not regularly offered, or no longer offered are listed separately on the "ES Checklist Addendum". The Addendum is linked seperately on the ES Program website

Taken	To be taken	Course ID and Title	Major Requirement (Core, SS/HU, NS, RM)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

ADDITIONAL REQUIREMENTS FOR THE ES MAJOR

- At least 5 full courses completed for the ES major must be taken at Oberlin; no more than 3 study away or transfer courses will count towards the ES major. Students planning to study away for more than a single semester must get approval from their advisor and the ES Program Director
- Courses cross-listed in two departments (e.g., ENVS 208 and POLT 208) can be taken in either department.
- First year seminar program (FYSP) courses do not count toward the ES major.
- Courses in which a student has earned a letter grade lower than a C- cannot be used to fulfill the requirements of the major.
- Courses taken with a P/NP grade can be counted towards the major as long as the student receives a P grade.
- A maximum 1 full course of combined private reading (ENVS 995) and independent research or honors (ENVS 501) can be counted towards the ES major.
- Students who earn a 5 on the AP Environmental Science exam are exempt from taking ENVS 101 but they must take another approved SS/HU elective.
- If ES requirements change, students can choose to comply with either the requirements in place at the time of their declaration or the revised requirements.
- If a student takes both ENVS 208 and ECON 231, then ENVS 208 will count towards core requirement and ECON 231 will count towards the SS elective.
- Any course that fulfills the research methods elective AND is also approved as and SS/HU, or NS elective can be counted for both requirements.
- Each ES major must take at least one of their SS/HU or NS elective courses at the 300/400 level. Ideally, this course will be related to the student's pathway.

PATHWAY MILESTONE DEADLINES

You are encouraged to draft, share, and discuss the milestone documents listed below with your advisor as early as possible. Templates are included in the "Curricular Pathway Document" posted on the ES Program website. Final deadlines are as indicated below.

Milestone	Draft due to Advisor	Deadline for uploading on Blackboard	Year
Area of Interest Selected		Time of major declaration	
Pathway Proposal (1)	March 15	April 1	Second
Capstone Proposal (2)	March 15	April 1	Third
Pathway Report (3)	March 15	April 1	Fourth

Notes:

- 1) If declaring the ES major after April 1 of the second year, Pathway Proposals are due at the time of declaration.
- 2) If declaring the ES major after April 1 of the third year, Capstone Proposals are due at the time of declaration. A capstone proposal must be approved before the project is undertaken!
- 3) For December and January graduates, the Pathway Report is due no later than December 1.

Once a final draft of each document is approved by your advisor, you should upload it to the ES Blackboard site and notify your advisor. Approval will then be entered into your academic record and will appear on DegreeWorks.

Pathway

Focus Area: _____

Student Signature: _____ Date: _____
 (name typed in full will serve as your signature)

Advisor Signature: _____ Date: _____
 (name typed in full will serve as your signature)

Director Signature: _____ Date: _____
 (name typed in full will serve as your signature)