

# ENVIRONMENTAL STUDIES & SCIENCE CHECKLIST OF MAJOR REQUIREMENTS 2026–27 (revised 04/14/26)

To be completed, signed by student and advisor and returned electronically to ES Director or EVSS@oberlin.edu along with Declaration of Major form  
**IMPORTANT! Name files: FIRSTNAME LASTNAME [ES Checklist or Major Form] [today's date:YYMMDD] e.g "Jane Doe ES Major Checklist 240901"**

Name: \_\_\_\_\_ T Number: \_\_\_\_\_

I am pursuing a major in (X):  Environmental Studies  Environmental Science

## I. CORE COURSES REQUIRED OF ALL ENVIRONMENTAL STUDIES (E-Studies) OR SCIENCE (E-Science) MAJORS

- In all columns below, insert a semester and year to indicate courses already taken or to be taken (e.g. "F26"). If there is more than one course that fulfills the requirement, indicate the specific course you intend to take in this column (e.g. "EVSS 208 F26" or "EVSS 232 F26")
- Semesters next offered and other attributes (e.g., QFR, CD, LAB, etc.) are listed in parentheses following course names. \* denotes courses that have prerequisites (not including those that require EVSS 101). Semesters of next offerings change - check the course schedule through Overview.

Taken	To be taken
_____	_____
	EVSS 101 Environment and Society (offered every semester)
	<input type="checkbox"/> X if you received 5 on AP Enviro Science and wish exemption (requires 1 additional SS/HU/NS elective)
_____	_____
	EVSS 208 Environmental Policy (F26, S27) OR *ECON/EVSS 231 Environmental Economics (S27, QFR)

### Ia. CORE COURSES REQUIRED OF ENVIRONMENTAL STUDIES MAJORS (E-Studies)

- Leave this section blank if you are an E-Science major!

_____	_____	BIOL 103 Environmental Biology (S27, QFR) OR *BIOL 210/211 Evolution and Ecology (S27, LAB, QFR)
_____	_____	EVSS 201 Introduction to Environmental Humanities (generally every semester) (F26, S27)
_____	_____	CHEM 051 Chemistry & Environment (S27, QFR) OR CHEM 101 Structure & Reactivity (F26, S27, LAB, QFR) OR
_____	_____	*CHEM 102 Principles of Chemistry (F26, S27, LAB QFR). Indicate specific class (e.g. "CHEM 101 F26")
_____	_____	Any GEOS course that counts towards the Geology major (e.g. "GEO 120 S27")
_____	_____	Out of the three core NS courses (BIOL, CHEM & GEOS) or through an additional NS course from the list below, at least one course must have a lab. Indicate this lab course in a column to the left (e.g. "BIOL 210/211 F26")

### Ib. CORE COURSES REQUIRED OF ENVIRONMENTAL SCIENCE MAJORS (E-Science)

- Leave this section blank if you are an E-Studies major!

_____	_____	BIOL 100 Organismal Biology (F26, S27, LAB, QFR)
_____	_____	BIO 210/211 Genetics, Evolution and Ecology (F26, S27, LAB, QFR)
_____	_____	CHEM 101 Structure and Reactivity (F26, S27, QFR) OR *CHEM 102 Principles of Chemistry (F26, S27, LAB, QFR)
_____	_____	GEOS 120 (S27, QFR, LAB), GEOS 124 (TBD, QFR, LAB), or any 200-300-level GEOS course with a lab

## II. SOCIAL SCIENCE & HUMANITIES ELECTIVES

- E-Studies majors must indicate at least 3 full courses from the list below in either Social Science or Humanities
- E-Science majors must indicate at least 1 full course from the list below in either Social Science or Humanities

Taken	To be taken	Social Science (SS) Courses:
_____	_____	EVSS 201 Introduction to Environmental Humanities (elective for EScience majors, F26, S27)
_____	_____	EVSS 206 Global Environmental History (F26)
_____	_____	EVSS 212 Logistical Worlds: Nature, Capital, Power (F26)
_____	_____	EVSS 222 Local vs. Global: Environmental Issues Beyond Borders (TBD)
_____	_____	EVSS/CAST 223 Intro to Native American and Indigenous Studies (F26)
_____	_____	EVSS/ECON 231 Environmental Economics (S27, QFR) (if you have also taken EVSS 208)
_____	_____	ECON/EVSS 432: Seminar in Energy and Environmental Economics (F26, QFR)
_____	_____	EVSS 237 Alaska Natives and the Environment (TBD, CD)
_____	_____	EVSS/CAST 302 American Agricultures (F26)
_____	_____	EVSS 306 Trust the Science? Controversies in Environmental Policy (S27)
_____	_____	EVSS 308 Labor and Environmental Politics (TBD)
_____	_____	EVSS 322 Energy and Society (S27)
_____	_____	EVSS 323 Global Environmental Politics (F26)
_____	_____	EVSS 324 Natural Resources and Conflict (S27)
_____	_____	EVSS 326 Environmental History of Oceans and Great Lakes (F26)
_____	_____	EVSS/ECON 332 Energy Economics (S27, QFR)
_____	_____	EVSS/CAST 339 Indigenous Activism, Environmental Justice, and the State (F26, CD, W-Int)
_____	_____	EVSS 354 Practicum in Environmental Communication (S27)
_____	_____	EVSS 360 Migration, Refugees and Resilience (S27, CD)
_____	_____	EVSS/CAST 385 Indigenous Nations, Treaty Rights, and the Great Lakes (TBD, CD, W-Int)
_____	_____	EVSS 390 Sustainable Cities (F26)
_____	_____	EVSS 490 Sust Urban Design Practicum (S27 Second Module)
_____	_____	PSYC 308 Adv Methods Social Marketing (F26)
_____	_____	SOCI 241 American Urbanism: From Hometown to Smogtown (F26)

_____	_____	SOCI 284 Environmental Sociology (F26)
_____	_____	SOCI 301/302: Social Research Methods Course and Lab (F26 and S27, QFR)
_____	_____	

<b>Taken</b>	<b>To be taken</b>	<b>Humanities (HU) Courses:</b>
_____	_____	FOOD 101OC Intro to Food Studies (F26)
_____	_____	EVSS 209OC Black Ecologies and Environmental Justice (S27)
_____	_____	EVSS 219 Climate Change: Ethics, Equity, Narratives (S27)
_____	_____	EVSS/CAST 339 Indigenous Activism, Environmental Justice, and the State (F26, CD, W-Int)
_____	_____	EVSS 395 History of Climate Change (TBD)
_____	_____	EVSS 414 Environmental Justice Methodologies (TBD)
_____	_____	CAST 350 War Ecologies: Militarisms, Technoscience, and the Environment (TBD)
_____	_____	CMPL 312 Deserts, Islands, Forests: Environmental Imaginaries from the Global South (TBD)
_____	_____	DANC 203 Somatic Landscapes (S27)
_____	_____	DANC 239 Site Specific Dance (S27)
_____	_____	EAST 249 Green Japan: Nature in Japan's Arts and Literature (TBD)
_____	_____	ENGL 105 Literature and Environmentalism (F26)
_____	_____	ENGL 302 The Wild West, the New West, and the Weird West (S27)
_____	_____	ENGL 314: Queer Ecologies (F26) (W-INT)
_____	_____	GERM 260 Media Ecologies (TBD)
_____	_____	HIST/EAST 294 Environmental History of China (F26)
_____	_____	HIST/EAST 364 You Are What You Eat and Wear: Global Crops (TBD)
_____	_____	HIST/EAST 436 Science and Technology in Early Modern and Modern East Asia (S27)

### III. NATURAL SCIENCE ELECTIVE

- *E-Science* majors must take at least 3 courses from the list below including at least one at the 300 level. A total of at least five NS courses must have labs (inclusive of core courses which typically provide four lab credits)
- *E-Studies* majors must take at least one NS course with a lab, either from core courses or from the list below.
- Any GEOS course that counts towards the Geology major. Indicate which one (e.g. "GEOS 361 S27"). The following GEOS courses fulfill lab requirements: 201, 204, 206, 212, 320, 340, 361
- EVSS 316, EVSS 340, BIOL 323 all accept BIOL 103 as the BIOL prerequisite

<b>Taken</b>	<b>To be taken</b>	
_____	_____	EVSS 245 Planetary Health (F26)
_____	_____	†*EVSS 316 Ecosystem Ecology and Climate Change (F27, LAB, QFR, Research Methods)
_____	_____	EVSS 336 Practicum in Agroecology at the George Jones Farm, Part 1 (S27, 0.5 course credit)
_____	_____	EVSS 337 Practicum in Agroecology Part 2 (F26, 0.5 course credit)
_____	_____	†*EVSS 340 Systems Modeling, Thinking (F26, QFR)
_____	_____	EVSS 347 Air Quality and Climate Change (SP27, QFR)
_____	_____	EVSS 348 Environmental Data Science (F26, LAB, QFR)
_____	_____	*BIOL 323 Plant Systematics (S27, LAB)
_____	_____	†BIOL 343 Plant Ecology (TBD, LAB)
_____	_____	BIOL 345 Invertebrate Biology (TBD, LAB)
_____	_____	†BIOL 419 Seminar: Global Change Ecology (TBD)
_____	_____	*CHEM 208 Environmental Chemistry (F26, QFR) 4 credits
_____	_____	*CHEM 211 Analytical Chemistry (F26, LAB, QFR)
_____	_____	Any GEOS course that counts towards the Geology major. Indicate which one (e.g. "GEOS 361 S28")
_____	_____	NSCI 103 Foundations of Global Health - Addressing Health Inequities (FA26)
_____	_____	NSCI 108 Environmental Chemicals in Human Health (TBD)
_____	_____	PHYS 103 Elementary Physics I (F26, LAB, QFR)
_____	_____	PHYS 110 Mechanics and Relativity (F26, LAB, QFR)

### IVa. RESEARCH METHODS COURSES FOR E-STUDIES ONLY

*E-Studies* majors must take at least one research methods course that relates to their pathway

*E-Studies* majors can choose to fulfill this requirements with course immediately below OR with a quantitative research methods course

<b>Taken</b>	<b>To be taken</b>	
_____	_____	ARTH 299 Methods of Art History (S27, W-Adv)
_____	_____	CAST 200 Theories and Methods (F26)
_____	_____	ECON 255 Introduction to Econometrics (F26, S27, QFR)
_____	_____	ENGL 299 Introduction to the Advanced Study of Literature (F26, S27, W-INT)
_____	_____	PHIL 201 Reason and Argument (S27)

_____	_____	PSYC 200 Research Methods I (F26, S27)
_____	_____	PSYC 308 Adv Methods Social Marketing (F26)
_____	_____	POLT 205 Political Research and Analysis (F26, S27)
_____	_____	SOCI 284 Environmental Sociology (S27)

**IVb. QUANTITATIVE RESEARCH METHODS (QRM) COURSES FOR E-SCIENCE OR E-STUDIES STUDENTS**

E-Science majors must take at least one research methods course from the list below that relates to their pathway

† indicates course that concurrently count towards multiple requirements (e.g. EVSS 316 fulfills both an NS Elective requirement and QRM)

<b>Taken</b>	<b>To be taken</b>	
_____	_____	†EVSS 316 Ecosystem Ecology and Climate Change (F27, LAB, QFR)
_____	_____	†EVSS 340 Systems Modeling and Systems Thinking (F26)
_____	_____	BIOL 302 Developmental Biology Laboratory (S27, LAB)
_____	_____	†BIOL 343 Plant Ecology (F26, LAB)
_____	_____	BIOL 336 Genomics (TBD)
_____	_____	BIOL 340 Eukaryotic Cell Culture Lab (S27, LAB)
_____	_____	BIOL 345 Invertebrate Biology (TBD, LAB)
_____	_____	BIOL 346 Advanced Molecular Biology (TBD)
_____	_____	†BIOL 419 Seminar: Global Change Ecology (F26)
_____	_____	*CHEM 211 Analytical Chemistry (F26, LAB, QFR)
_____	_____	CSCI/DATA 373 Applied Machine Learning (F26)
_____	_____	DATA 101 Introduction to Data Science (F26, S27 FC, NSMA, QFR)
_____	_____	DATA 113 Introduction to Statistics (F26, S27, QFR)
_____	_____	DATA 201 Data Computing and Visualization (S27, QFR)
_____	_____	DATA 213 Statistical Modeling (S27, QFR)
_____	_____	DATA 205 Statistics and Modeling (F26, QFR)
_____	_____	EVSS/ECON 231 Environmental Economics (F26, S27,QFR) (if you have also taken EVSS 208)
_____	_____	GEOS111: At Home in the Critical Zone (F26, QFR, lab)
_____	_____	GEOS112: Rivers of Earth (S27, QFR)
_____	_____	†GEOS 201 Mineralogy (F26, QFR, LAB)
_____	_____	†GEOS 204 Evolution of the Earth (S27, QFR, LAB)
_____	_____	†GEOS 206 Earth's Interior (F26, QFR, LAB)
_____	_____	†GEOS 210 Oceans and Climate (S27, QFR, LAB)
_____	_____	†GEOS 212 Earth Surface Processes (F26, WADV, QFR, LAB)
_____	_____	GEOS 330 Sedimentology and Stratigraphy (F26, QFR, Lab)
_____	_____	†GEOS 335 Interdisciplinary Geographic Information Systems and Cartography (F26, S27, QFR)
_____	_____	†GEOS 361 Petrology (S28, QFR, LAB)
_____	_____	†GEOS 340 Structural (S27, QFR, LAB)
_____	_____	PSYC 300 Research Methods II (F26, 27)
_____	_____	SOCI 284 Environmental Sociology (F26, S27)

**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 separately on the ES Program website

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

**ADDITIONAL REQUIREMENTS FOR THE E-SCIENCE AND E-STUDIES MAJORS**

- At least five full courses completed for either ESS major must be taken at Oberlin; no more than three study away or transfer courses will count towards these majors without special permission from the Director of Environmental Studies and Science. Students planning to study away for more than a single semester must get approval from their advisor and the ESS Program Director.
- Student who take both EVSS 208 and ECON 231 will receive core requirement credit for EVSS 208 and elective SS credit for ECON 231.
- First year seminar program (FYSP) courses do not count toward the majors.
- Private reading (EVSS 995), independent research or honors (EVSS 50X) credit can be counted towards majors. These can total a one full course credit.
- Students earning 5 on the AP Enviro Science exam can choose not to take EVSS 101 but must take an additional SS/HU or NS elective from above.
- 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.
- If ESS major requirements change, majors can choose to comply with either requirements in place at the time of their declaration or revised requirements.
- Courses that meet the research methods requirement and are also approved for elective credit are counted towards both requirements (marked with †).
- E-studies majors must take at least one 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**

Students are encouraged to draft, share, and discuss the milestone documents listed below with their 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 B	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 a student's advisor, they should upload it to the ES Blackboard site and notify their advisor. Approval will then be entered into academic records and will appear on DegreeWorks.

Pathway Focus Area: \_\_\_\_\_

Student Signature: \_\_\_\_\_  
 (name typed in full will serve as your signature)

Date: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_  
 (name typed in full will serve as your signature)

Date: \_\_\_\_\_

Director Signature: \_\_\_\_\_  
 (name typed in full will serve as your signature)

Date: \_\_\_\_\_