

Declaring/Changing a Major, Minor, or Applied Minor

Section A: Policies and Instructions

Declaring a Major:

1. Students are required to file a declaration of major at the Registrar's Office no later than the end of their fourth semester.
2. A late fee of \$25.00 will be charged if the petition is submitted after the deadline.
3. A declared major may be changed at any time up to the add/drop deadline of the student's final semester by submitting a new major declaration form.

Declaring a Minor:

1. Minors are optional programs, you are not required to have a minor to graduate.
2. The deadline for declaring a minor is the 5th day of classes of the spring semester of the senior year.
3. Students must declare their Major Field of concentration before declaring a minor.

Declaring an Applied Minor:

1. Applied minors are optional programs, they are not required for graduation.
2. The deadline for declaring an applied minor is the 5th day of classes of the spring semester of the senior.

Progress towards completion of a major, a minor, and an applied minor will be tracked in DegreeWorks.

Complete Section B below and the relevant program section. Next to each requirement, indicate which semester (e.g. Fall 2023) you have taken or will take that course.

Your form must be signed by the Department/Program and your academic advisor (must be in your field of study for your major).

Section B: Student Information

Student Name _____ ID# _____

Email _____ Date _____

Planned Date of Graduation: May _____ December _____ Year: _____

Select one:

- _____ I wish to declare my primary Major
- _____ I wish to declare a Minor
- _____ I wish to declare a second Major
- _____ I wish to declare an Applied Minor
- _____ I wish to change my Major

Environmental Sustainability

Use this form to declare a major or a minor in [Environmental Sustainability](#).

Declaration/Change of Major

Bachelor of Arts

To earn a Bachelor of Arts in Environmental Sustainability, you'll complete six (6) courses within the major core and an additional 10 courses within your desired concentration.

Core requirements

Take all of the following courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 141	Environment, Society and Sustainability	4	
<input type="checkbox"/> ENSU 151	Environment, Science and Sustainability	4	
<input type="checkbox"/> ENSU 353	Environmental Application	3	
<input type="checkbox"/> ENSU 463	Field Study Experience	1	
<input type="checkbox"/> ENSU 487	Senior Colloquium	1	
<input type="checkbox"/> ENSU 488	Senior Capstone	3	

Concentrations

Select one of the four (4) concentrations listed below to focus your studies.

Environmental Education

This thematic focus provides you with the necessary foundational knowledge in educational theory and methodology combined with practical leadership and skill development to prepare you for work in a variety of outdoor and environmental education contexts. A minor in a natural science is strongly recommended.

Take both of the following:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> EDUC 120	Foundations of Education	4	
<input type="checkbox"/> EDUC 248	Theory and Practice of Education	4	

Four (4) of the following education or leadership courses*

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BUS 203	Organizational Behavior	3	
<input type="checkbox"/> BUS 342	Leadership and Dealing with Differences	3	
<input type="checkbox"/> EDUC 221	Outdoor Trip Leadership	2	
<input type="checkbox"/> EDUC 302	Disabilities Studies	3	
<input type="checkbox"/> ENSU 315	Engaging Audiences with Outreach and Interpretation	4	
<input type="checkbox"/> PAGS 343	Conflict Resolution	3	
<input type="checkbox"/> PSYC 230	Human Development	3	
<input type="checkbox"/> PSYC 373	Moral Education	3	
<input type="checkbox"/> SPAN 306	Spanish Linguistics, Language and Pedagogy	3	
<input type="checkbox"/> TESO 344	Studies in Language Learning & Teaching	4	
<input type="checkbox"/> Other special topics courses may apply as relevant			

One (1) of the following cultural courses*

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 205	American Literature & Ecology	4	
<input type="checkbox"/> ENSU 323	Environmental Ethics	3	
<input type="checkbox"/> ENSU 345	Eco-Spirituality: Global Traditions	4	
<input type="checkbox"/> INTD 350	Cultural Issues of New Zealand	5	
<input type="checkbox"/> SOAN 372	Sustainability in the Anthropocene	4	
<input type="checkbox"/> Other special topics courses may apply as relevant			

Three (3) of the following natural science courses (at least two must be above 202):

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 111	Ecological Biology	4	
<input type="checkbox"/> BIOL 226	Biological Diversity	4	
<input type="checkbox"/> BIOL 340	Restoration Ecology	4	
<input type="checkbox"/> BIOL 346	Vertebrate Zoology	4	
<input type="checkbox"/> BIOL 348	Ornithology	3	
<input type="checkbox"/> BIOL 350	Field Botany	4	
<input type="checkbox"/> BIOL 357	Animal Behavior	4	
<input type="checkbox"/> BIOL 360	Conservation Biology	3-4	
<input type="checkbox"/> BIOL 362	Entomology	4	
<input type="checkbox"/> BIOL 455	Population & Community Ecology	4	
<input type="checkbox"/> CHEM 111	Principles of Chemistry	4	

<input type="checkbox"/>	GEOL 201	Earth and the Environment	4
<input type="checkbox"/>	GEOL 314	Interpreting Earth History	4
<input type="checkbox"/>	GEOL 315	Earth Materials	4
<input type="checkbox"/>	GEOL 316	Geochemistry & Environmental Change	4
<input type="checkbox"/>	any GEOL class between 401 and 422		

**by petition to the ENSU faculty prior to enrollment.*

Climate Change

This thematic focus provides you with the knowledge and skills needed to understand both the climate and policy systems that allow experts to translate scientific knowledge into governmental action. The collection of courses will prepare future leaders who are capable of crafting realistic alternatives for mitigating and adapting to the climate crisis.

All of the following Economics and Politics courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/>	ECON 101 Introduction to Macroeconomics or ECON 103 Introduction to Microeconomics	3	
<input type="checkbox"/>	ENSU 322 Climate Policy & Energy Policy or ENSU 327 Urban Politics, Policy & Sustainability	3	
<input type="checkbox"/>	POLS 111 Intro to Comparative Politics & International Relations or POLS 121 Intro to American Politics and Policy	3	

All of the following climate science courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/>	GEOL 201 Earth and the Environment	4	
<input type="checkbox"/>	GEOL 316 Geochemistry & Environmental Change	4	
<input type="checkbox"/>	GEOL 432 Climate Systems	4	

Two (2) of the following additional science courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/>	BIOL 111 Ecological Biology	4	
<input type="checkbox"/>	BIOL 226 Biological Diversity	4	
<input type="checkbox"/>	BIOL 340 Restoration Ecology	4	
<input type="checkbox"/>	BIOL 360 Conservation Biology	3-4	
<input type="checkbox"/>	BIOL 383 Bioinformatics	4	

<input type="checkbox"/> BIOL 410	Applications of Geographical Information Systems (GIS) in Ecology, Environmental and Health Sciences	4
<input type="checkbox"/> BIOL 455	Population & Community Ecology	4
<input type="checkbox"/> BIOL 456	Applied Biostatistics	4

One (1) of the following additional politics or society courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 322	Climate Policy & Energy Policy	3	
<input type="checkbox"/> ENSU 326	US Environmental & Natural Resource Policy	3	
<input type="checkbox"/> ENSU 327	Urban Politics, Policy & Sustainability	3	
<input type="checkbox"/> PAGS 240	Global Dynamics and World Peace	4	
<input type="checkbox"/> SOAN 118	Inequalities, Power & Society	4	

One (1) of the following statistics, mathematics or methods courses, chosen in consultation with your adviser:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 383	Bioinformatics	4	
<input type="checkbox"/> BIOL 455	Population & Community Ecology	4	
<input type="checkbox"/> BIOL 456	Applied Biostatistics	4	
<input type="checkbox"/> CS 128	Programming & Problem Solving	4	
<input type="checkbox"/> MATH 120	Fundamentals of Statistics	3	
<input type="checkbox"/> POLS 329	Social Science Research Method	3	
<input type="checkbox"/> PSYC 245	Research Methods & Statistics	4	

Natural Resources Conservation

This focus examines the distribution, quality, and protection of natural resources. It examines the nature and structure of environments, uses scientific research to explore the ways environmental change occurs, and investigates natural resources as valuable commodities. This focus will prepare you to research human impacts on environmental systems and propose management solutions.

All of the following environmental science courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 111	Ecological Biology	4	
<input type="checkbox"/> BIOL 360	Conservation Biology	3-4	
<input type="checkbox"/> BIOL 410	Applications of Geographical	4	

	Information Systems (GIS) in Ecology, Environmental and Health Sciences	
<input type="checkbox"/> BIOL 455	Population & Community Ecology	4
<input type="checkbox"/> GEOL 201	Earth and the Environment	4
<input type="checkbox"/> GEOL 315	Earth Materials	4

One (1) of the following politics and society courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 322	Climate Policy & Energy Policy	3	
<input type="checkbox"/> ENSU 326	US Environmental & Natural Resource Policy	3	
<input type="checkbox"/> ENSU 327	Urban Politics, Policy & Sustainability	3	
<input type="checkbox"/> POLS 111	Intro to Comparative Politics & International Relations	3	
<input type="checkbox"/> POLS 121	Introduction to American Politics and Policy	3	

Two (2) of the following upper-level environmental science courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 226	Biological Diversity	4	
<input type="checkbox"/> BIOL 340	Restoration Ecology	4	
<input type="checkbox"/> BIOL 346	Vertebrate Zoology	4	
<input type="checkbox"/> BIOL 348	Ornithology	3	
<input type="checkbox"/> BIOL 350	Field Botany	4	
<input type="checkbox"/> BIOL 357	Animal Behavior	4	
<input type="checkbox"/> BIOL 362	Entomology	4	
<input type="checkbox"/> BIOL 456	Applied Biostatistics	4	
<input type="checkbox"/> GEOL 314	Interpreting Earth History	4	
<input type="checkbox"/> GEOL 316	Geochemistry & Environmental Change	4	
<input type="checkbox"/> GEOL 410	Structural Geology and Tectonics	4	
<input type="checkbox"/> GEOL 420	Earth Surface Processes	4	
<input type="checkbox"/> GEOL 430	Ground & Surface Water Hydrology	4	
<input type="checkbox"/> GEOL 431	Soil & Sustainable Agriculture	4	
<input type="checkbox"/> GEOL 432	Climate Systems	4	

One (1) of the following human perspectives courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 205	American Literature & Ecology	4	
<input type="checkbox"/> ENSU 323	Environmental Ethics	3	
<input type="checkbox"/> ENSU 345	Eco-Spirituality: Global Traditions	4	
<input type="checkbox"/> BUS 342	Leadership and Dealing with Differences	3	
<input type="checkbox"/> BUS 316	Project Management	3	
<input type="checkbox"/> INTD 350	Cultural Issues of New Zealand	5	
<input type="checkbox"/> PAGS 343	Conflict Resolution	3	

Environmental Culture and Justice

This track focuses on a humanistic exploration of the environment. It explores the ways we conceptualize and represent the environment as well as relations between environment and cultural world views, values, life experiences, identity, and social structures. It includes significant attention to issues of social and environmental justice.

All of the following courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 205	American Literature & Ecology	4	
<input type="checkbox"/> ENSU 323	Environmental Ethics	3	
<input type="checkbox"/> SOAN 115 Anthropology in a Global Age or SOAN 118 Inequalities, Power, and Society		4	

One (1) of the following theory courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> PAGS 330	Postcolonial Theory	4	
<input type="checkbox"/> POLS 362	Modern Political Theory	3	
<input type="checkbox"/> POLS 364	Power, Politics, Theory	3	
<input type="checkbox"/> SOAN 217	Foundations in Social Thought	4	
<input type="checkbox"/> SOAN 341	Contemporary Social Thought	4	

Four (4) additional courses with significant culture or justice content:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 340 Restoration Ecology or BIOL 360 Conservation Biology		3-4	
<input type="checkbox"/> ENG 373	Topics in Literary Theory	4	
<input type="checkbox"/> ENG 382	Topics in Genre	4	
<input type="checkbox"/> ENSU 322 Climate Policy & Energy Policy or ENSU 327 Urban Politics, Policy & Sustainability		3	

<input type="checkbox"/> ENSU 345	Eco-Spirituality: Global Traditions	4
<input type="checkbox"/> ENSU 354	Topics in Peace and Justice in Literature	4
<input type="checkbox"/> INTD 350	Cultural Issues of New Zealand	5
<input type="checkbox"/> SOAN 372	Sustainability in the Anthropocene	4
<input type="checkbox"/> SOAN 382	Emerging Perspectives in Anthrozoology	4
<input type="checkbox"/> ENSU 363	Bioethics	4

The four courses in this category can include no more than one of the following courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BUS 325	Nonprofits in Civil Society	3	
<input type="checkbox"/> BUS 342	Leadership and Dealing with Differences	3	
<input type="checkbox"/> CS 275	Computing for Social Good	3	
<input type="checkbox"/> CS 375	Cyberethics in the Current Age	3	
<input type="checkbox"/> PAGES 240	Global Dynamics and World Peace	4	
<input type="checkbox"/> PAGES 343	Conflict Resolution	3	
<input type="checkbox"/> SOAN 115	Introduction to Anthropology: Culture & Diversity	4	
<input type="checkbox"/> SOAN 118	Inequalities, Power & Society	4	
<input type="checkbox"/> SOAN 140	Urban Sociology	4	

One (1) of the following methods courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 410	Applications of Geographical Information Systems (GIS) in Ecology, Environmental and Health Sciences	4	
<input type="checkbox"/> ENSU 310	Application of GIS	4	
<input type="checkbox"/> ECON 103	Introduction to Microeconomics	3	
<input type="checkbox"/> MATH 120	Fundamentals of Statistics	3	
<input type="checkbox"/> POLS 329	Social Science Research Method	3	
<input type="checkbox"/> PSYC 245	Research Methods & Statistics	4	
<input type="checkbox"/> SOAN 345	Social Research Methods	4	
<input type="checkbox"/> SOAN 347	Fieldwork & Ethnographic Methods	4	

One (1) of the following introductory natural science courses, that includes a lab:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 111	Ecological Biology	4	
<input type="checkbox"/> BIOL 226	Biological Diversity	4	
<input type="checkbox"/> GEOL 201	Earth and the Environment	4	
<input type="checkbox"/> GEOL 316	Geochemistry & Environmental Change	4	

Minor/Applied Minor Declaration Form

Declared Major(s) _____

For a minor in environmental sustainability, you must take:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> ENSU 141	Environment, Society and Sustainability	4	
<input type="checkbox"/> ENSU 151	Environment, Science and Sustainability	4	
<input type="checkbox"/> ENSU 353	Environmental Application	3	
<input type="checkbox"/> Three additional courses that count toward the major from two different divisions (natural sciences, social sciences, humanities, and visual and performing arts). At least one of these must be an environmental sustainability course.			

Earlham also offers applied minors in [sustainability and management](#) and [sustainable agriculture](#).

This student is hereby approved to pursue a major _____ / minor _____ in accordance to the above plans (please enter your full name below).

Academic advisor _____ Date _____

Department/Program Convener _____ Date _____

This completed form must be emailed to registrar@earlham.edu for processing. Your adviser and the Department/Program Convener must be copied on the email.

Registrar _____ Date _____