

SUSTAINABILITY STUDIES

A Sustainability Studies major prepares students for global citizenship with a firm grounding in the natural sciences, the social sciences, and the humanities. Students in the major explore how to maintain ecological and environmental health, create economic welfare, and pursue social justice in a changing world. Sustainability studies students gain understanding of the ways in which these three goals are interdependent and explore how they best can be pursued over the long term on local, national, and global levels.

About this Program

- **College:** Liberal Arts and Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Degree:** Bachelor of Arts
- **Credits for Degree:** 120
- **Contact:** Email (advisor@advising.ufl.edu?Subject=Sustainability%20Studies%20Major)

To graduate with this major, students must complete all university, college, and major requirements.

Department Information

Sustainability Studies prepares students for global citizenship while providing a broad foundation of sustainability knowledge and professional skill sets. Students gain experience and put their learning to work in the capstone internship course, Sustainability in Action.

Website (<https://sustainability.clas.ufl.edu/>)

CONTACT

Email (Study-Sustainability@ufl.edu) | 352.273.2380

P.O. Box 117325

302 ANDERSON HALL

GAINESVILLE FL 32611-7325

Map (<http://campusmap.ufl.edu/#/index/0007>)

Curriculum

- Sustainability Studies
- Sustainability Studies Minor

Sustainability studies investigates the means to maintain environmental health, create economic welfare, and pursue social justice in a changing world. Students gain an understanding of the ways in which these three goals are interdependent and explore how they can best be pursued in the long term at local, national, and global levels.

Coursework

Students are required to complete 33 credits of sustainability studies coursework; 15 of these 33 credits must be at the 3000/4000 level. All courses must be completed with minimum grades of C and a minimum of 15 credits of sustainability studies courses must be completed at UF.

For more information about Sustainability Studies and listings of newly available Core Courses and Cluster Courses, please visit the program website.

[More Info \(https://sustainability.clas.ufl.edu/\)](https://sustainability.clas.ufl.edu/)

Code	Title	Credits
Required Coursework		
IDS 2154	Facets of Sustainability	3
IDS 4942	Sustainability in Action	3
Core Courses		
Select one 2000-level core course from each disciplinary groups:		9
<i>Humanities</i>		
AMH 2631	History of Sustainability	
CLA 2521	Classical Antiquity and Sustainability	
REL 2071	Sustainability and Religion	
<i>Natural Sciences</i>		
BSC 2862	Global Change Ecology and Sustainability	
GEO 2351	Geographical Sciences and Sustainability	
<i>Social Sciences</i>		
ANT 2402	Anthropology of Sustainability	
ECO 2310	Economics of Sustainability	
PSY 3626	Psychology of Sustainability	
POS 2032	Politics of Sustainability	

Cluster Courses

Select six cluster courses with at least one course chosen from each of the four clusters: ¹ **18**

Cluster A: Ethics, Culture and Human Behavior

Cluster B: Economics, Law and Policy

Cluster C: Production Systems and the Built Environment

Cluster D: Ecology and Environmental Stewardship

Total Credits**33**

¹ Four of the six courses (12 credits) must be taken at the 3000 level or higher

Approved Cluster Courses**Cluster A | Ethics, Culture and Human Behavior**

Code	Title	Credits
AEB 4126	Agricultural and Natural Resource Ethics (Gen Ed Humanities or Social and Behavioral Sciences)	3
AMH 3630	American Environmental History	3
ANT 3420	Consumer Culture	3
ANT 4006	Human Rights and Culture	3
ANT 4403	Environment and Cultural Behavior (Gen Ed Social and Behavioral Sciences)	3
FOR 3202	Society and Natural Resources (Gen Ed Social and Behavioral Sciences)	3
FNR 4070C	Environmental Education Program Development	3
GEO 3427	Plants, Health and Spirituality	3
PHI 3633	Bioethics	3
PHM 3032	Ethics and Ecology (Gen Ed Humanities)	3
REL 2104	Environmental Ethics (Gen Ed Humanities)	3
REL 3492	Religion Ethics and Nature (Gen Ed Humanities)	3
SYD 4020	Population (Gen Ed Social and Behavioral Sciences and International)	3
SYD 4510	Environment and Society	3
SYG 2010	Social Problems (Gen Ed Social and Behavioral Sciences)	3
SYO 4530	Social Inequality (Gen Ed Social and Behavioral Sciences and Diversity)	3
WIS 4523	Human Dimensions of Natural Resource Conservation	3
WST 3415	Transnational Feminism	3
WST 3663	Gender and Food Politics	3

Cluster B | Economics, Law and Policy

Code	Title	Credits
AEB 2451	Economics of Resource Use (Gen Ed Social and Behavioral Sciences)	3
AEB 3450	Introduction to Natural Resource and Environmental Economics	3
AEB 4123	Agricultural and Natural Resource Law	3
AEB 4282	International Humanitarian Assistance (Gen Ed Social and Behavioral Sciences and International)	3
AEB 4283	International Development Policy (Gen Ed Social and Behavioral Sciences)	3
CPO 4793	Environmental Politics in the Global South	3
ECP 3302	Environmental Economics and Resource Policy (Gen Ed Social and Behavioral Sciences)	4
EUH 3683	The History of Consumption	3
FNR 4660	Natural Resource Policy and Economics	3
FOR 4664	Sustainable Ecotourism Development	3
FYC 4408	Organizational Leadership for Nonprofits	3
FYC 4409	Working with Nonprofit Organizations in Community Settings	3
FYC 4427	Non-Governmental Organizations	3
GEO 2500	Global and Regional Economies (Gen Ed Social and Behavioral Sciences)	3
GEO 3372	Conservation of Resources	3
INR 4350	International Environmental Relations	3
LEI 3120	Introduction to Outdoor Recreation and Parks	3
POT 3503	Environmental Ethics and Politics	3
PUP 4224	Florida Environmental Politics	3

Cluster C | Production Systems and the Built Environment

Code	Title	Credits
ARC 1000	Architecture and Humanity (Gen Ed Humanities)	3
ARC 3291	Special Studies in Architecture	1-6
ARC 3880	Sustainable Architecture	3
ARC 4882	Vernacular Architecture and Sustainability	3
AGG 3501	Environment, Food and Society (Gen Ed Biological Sciences)	3
AGR 4212	Alternative Cropping Systems	3
ALS 3133	Agricultural and Environmental Quality (Gen Ed Physical Sciences)	3
AOM 2520	Global Sustainable Energy: Past, Present and Future	3
BCN 1582	International Sustainable Development (Gen Ed Social and Behavioral Sciences and International)	3
BCN 3730	Construction, Safety, Health and the Environment	3
DCP 3200	Methods of Inquiry for Sustainability and the Built Environment	3
DCP 3210	Sustainable Solutions for the Built Environment	3
DCP 3220	Social and Cultural Sustainability and the Built Environment	3
DCP 4941	Practicum in Sustainability and the Built Environment	6
EES 3008	Energy and Environment (Gen Ed Physical Sciences)	3
EES 4050	Environmental Planning and Design	3
ENV 4932	Special Problems in Environmental Engineering Sciences	1-4
EES 4316	Industrial Ecology	3
EES 4401	Public Health Engineering (Gen Ed Physical Sciences)	3
FAS 2024	Sustainable Fisheries (Gen Ed Biological Sciences)	3
FOR 3162C	Silviculture	4
FOR 4060	Global Forests	3
FOR 4090C	Urban Forestry	3
GEO 2006	Natural Hazards Geography	3
GIS 4324	GIS Analysis of Hazard Vulnerability	3
HOS 3281C	Organic and Sustainable Crop Production	3
HOS 4283C	Advanced Organic and Sustainable Crop Production	3
LAA 1330	Site Analysis	3
SWS 3022	Introduction to Soils in the Environment (Gen Ed Physical Sciences)	3
SWS 4116	Environmental Nutrient Management (Gen Ed Physical Sciences)	3
SWS 4231C	Soil, Water and Land Use (Gen Ed Physical Sciences)	3
SWS 4233	Soil and Water Conservation	3
SWS 4245	Water Resource Sustainability	3
SWS 4550	Soils, Water and Public Health	3
SWS 4932	Special Topics in Soil and Water Science	1-3
URP 4000	Preview of Urban and Regional Planning (Gen Ed Humanities)	3

Cluster D | Ecology and Environmental Stewardship

Code	Title	Credits
BOT 2800C	Plants in Human Affairs (Gen Ed Biological Sciences)	3
BSC 2005	Biological Sciences (Gen Ed Biological Sciences)	3
BSC 2011	Integrated Principles of Biology 2 (Gen Ed Biological Sciences)	3
BSC 3307C	Climate Change Biology	4
ENV 4101	Elements of Atmospheric Pollution (Gen Ed Physical Sciences)	3
FAS 4270	Marine Ecological Processes	3
FOR 2662	Forests for the Future (Gen Ed Social and Behavioral Sciences; Writing Requirement)	3
FOR 3004	Forests, Conservation and People (Gen Ed Biological Sciences)	3
FOR 3153C	Forest Ecology (Gen Ed Biological Sciences)	3
GEO 2200	Dynamic Planet Earth (Gen Ed Physical Sciences)	3
GEO 3250	Climatology (Gen Ed Physical Sciences)	3
GEO 3280	Principles of Geographic Hydrology (Gen Ed Physical Sciences)	4
GEO 3341	Extreme Floods (Gen Ed Physical Sciences and International)	3
GEO 3352	The Human Footprint on Landscape	3
GLY 2010C	Physical Geology (Gen Ed Physical Sciences)	4
GLY 2030C	Environmental and Engineering Geology (Gen Ed Physical Sciences)	3
GLY 3074	Oceans and Global Climate Change (Gen Ed Physical Sciences)	3
GLY 3083C	Fundamentals of Marine Sciences (Gen Ed Physical Sciences)	3
GLY 3882C	Hydrogeology and Human Affairs	3

PCB 3601C	Plant Ecology	3
PCB 4043C	General Ecology	4
SWS 2007	The World of Water (Gen Ed Physical Sciences)	3
SWS 2008	Land and Life (Gen Ed Biological Sciences)	3
SWS 4223	Environmental Biogeochemistry	3
SWS 4244	Wetlands	3
WIS 2040	Wildlife Issues in a Changing World (Gen Ed Biological Sciences)	3
WIS 2552	Biodiversity Conservation: Global Perspectives (Gen Ed Biological Sciences and International)	3
WIS 3401	Wildlife Ecology and Management	3
WIS 3402	Wildlife of Florida	3
WIS 3434	Tropical Wildlife	3
WIS 4554	Conservation Biology	3
WIS 4934	Topics in Wildlife Ecology and Conservation	1-4

Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

For degree requirements outside of the major, refer to CLAS Degree Requirements: Structure of a CLAS Degree (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/#degreerequirementstext>).

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites (<http://www.flvc.org/cpp/displayRecord.jsp?cip=303301&track=01>) may be used for transfer students.

Five courses required by the end of the fifth semester, selected from:

- IDS 2154; required in either semester 1 or 2
- 3 Sustainability Studies Core courses; one from each of the disciplinary areas
- 2 Sustainability Studies Cluster courses; one at the 3000 level or higher

Semester 1

- Complete IDS 2154 or one critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete IDS 2154 or one critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.5 UF GPA required

Semester 3

- Complete 1 additional critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.75 UF GPA required

Semester 4

- Complete 1 additional critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 3.0 UF GPA required

Semester 5

- Complete 1 additional critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 3.0 UF GPA required

Semester 6

- Complete 1 additional tracking course

Semester 7

- Complete 2 additional Cluster courses

Semester 8

- Complete 1 Cluster course
- Complete IDS 4942

Model Semester Plan

Students are expected to complete the writing requirement while in the process of taking the courses below. Students are also expected to complete the general education international (GE-N) and diversity (GE-D) requirements concurrently with another general education requirement (typically, GE-C, H or S).

Cluster courses may not count towards the 3000-level or above electives outside of the major.

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Course	Title	Credits
Semester One		
IDS 2154	Facets of Sustainability (Critical Tracking)	3
State Core Gen Ed Composition (Writing Requirement)		3
State Core Gen Ed Mathematics (pure math)		3-4
Foreign language		4-5
Credits		13-15
Semester Two		
ECO 2023	Principles of Microeconomics (recommended; Gen Ed Social and Behavioral Sciences)	4
Quest 1 (Gen Ed Humanities)		3
Core course (Critical Tracking)		3
Science laboratory (Gen Ed Biological or Physical Sciences)		1
Foreign language		3-5
Credits		14-16
Semester Three		
ECO 2013	Principles of Macroeconomics (recommended; State Core Gen Ed Social and Behavioral Sciences (http://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext))	4
STA 2023	Introduction to Statistics 1 (recommended; Gen Ed Mathematics)	3
State Core Gen Ed Biological or Physical Sciences (http://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) ¹		3
Core course (Critical Tracking)		3
Elective or foreign language if 4-3-3 option		3
Credits		16
Semester Four		
Quest 2 (Gen Ed Biological or Physical Sciences; area NOT taken in semester three) ¹		3
Gen Ed Biological Sciences or elective ^{1,2}		3
Core course (Critical Tracking)		3
State Core Gen Ed Humanities (http://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) ¹		3
State Core Gen Ed Social and Behavioral Sciences (http://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) ^{1,3}		3
Credits		15
Semester Five		
Gen Ed Composition (Writing Requirement)		3
Cluster courses (Critical Tracking)		6
Elective (3000 level or above, not in major)		3
State Core Gen Ed Physical Sciences or elective ^{1,4}		3
Credits		15
Semester Six		
Cluster courses (Critical Tracking)		6
Elective		3

Elective (3000 level or above; not in major)	3
State Core Gen Ed Humanities (if needed) or elective ¹	3
Credits	15
Semester Seven	
Cluster courses (Critical Tracking)	6
Electives	4
Electives (3000 level or above, not in major)	6
Credits	16
Semester Eight	
IDS 4942 Sustainability in Action (capstone course; Critical Tracking)	3
Electives credits	7
Electives (3000 level or above, not in major)	6
Credits	16
Total Credits	120

¹ Depending on the course(s) taken, the sustainability studies core courses and cluster courses may also meet the following general education categories: biological sciences, humanities, international, physical sciences, or social and behavioral sciences. If a general education category is met through a core or cluster course, the student may substitute elective credit where the GE requirement is listed in the model semester plan.

² If BSC 2862 taken as natural science core course for major

³ If ECO 2013 not taken.

⁴ If GLY 2038 taken as natural science core course for major

Approved Cluster Courses

Cluster A | Ethics, Culture, and Human Behavior

Code	Title	Credits
AEB 4126	Agricultural and Natural Resource Ethics (Gen Ed Humanities or Social and Behavioral Sciences)	3
AMH 3630	American Environmental History	3
ANT 3420	Consumer Culture	3
ANT 4006	Human Rights and Culture	3
ANT 4403	Environment and Cultural Behavior (Gen Ed Social and Behavioral Sciences)	3
FOR 3202	Society and Natural Resources (Gen Ed Social and Behavioral Sciences)	3
FNR 4070C	Environmental Education Program Development	3
GEO 3427	Plants, Health and Spirituality	3
PHI 3633	Bioethics	3
PHM 3032	Ethics and Ecology (Gen Ed Humanities)	3
PUR 4442	Public Interest Communications	3
PUR 4443	Global Social Change Communication	3
REL 2104	Environmental Ethics (Gen Ed Humanities)	3
REL 3492	Religion Ethics and Nature (Gen Ed Humanities)	3
REL 4188	Environmental Values and Practice	3
SYD 4020	Population (Gen Ed Social and Behavioral Sciences and International)	3
SYD 4510	Environment and Society	3
SYG 2010	Social Problems (Gen Ed Social and Behavioral Sciences)	3
SYO 4530	Social Inequality (Gen Ed Social and Behavioral Sciences and Diversity)	3
WIS 4523	Human Dimensions of Natural Resource Conservation	3

Cluster B | Economics, Law, and Policy

Code	Title	Credits
AEB 2451	Economics of Resource Use (Gen Ed Social and Behavioral Sciences)	3
AEB 3450	Introduction to Natural Resource and Environmental Economics	3
AEB 4123	Agricultural and Natural Resource Law	3
AEB 4282	International Humanitarian Assistance (Gen Ed Social and Behavioral Sciences and International)	3
AEB 4283	International Development Policy (Gen Ed Social and Behavioral Sciences)	3
CPO 4793	Environmental Politics in the Global South	3
DCP 4215	Leadership in Sustainability	3
ECP 3302	Environmental Economics and Resource Policy (Gen Ed Social and Behavioral Sciences)	4

EUH 3683	The History of Consumption	3
FNR 4660	Natural Resource Policy and Economics	3
FOR 4664	Sustainable Ecotourism Development	3
FYC 4408	Organizational Leadership for Nonprofits	3
FYC 4409	Working with Nonprofit Organizations in Community Settings	3
FYC 4427	Non-Governmental Organizations	3
GEO 2500	Global and Regional Economies (Gen Ed Social and Behavioral Sciences)	3
GEO 3334	Managing for a Changing Climate	3
GEO 3372	Conservation of Resources	3
INR 4350	International Environmental Relations	3
LEI 3120	Introduction to Outdoor Recreation and Parks	3
POT 3503	Environmental Ethics and Politics	3
PUP 4224	Florida Environmental Politics	3

Cluster C | Production Systems and the Built Environment

Code	Title	Credits
ALS 3153	Agricultural Ecology	3
ARC 1000	Architecture and Humanity (Gen Ed Humanities)	3
ARC 3880	Sustainable Architecture	3
ARC 4882	Vernacular Architecture and Sustainability	3
AGG 3501	Environment, Food and Society (Gen Ed Biological Sciences)	3
AGR 4212	Alternative Cropping Systems	3
ALS 3133	Agricultural and Environmental Quality (Gen Ed Physical Sciences)	3
AOM 2520	Global Sustainable Energy: Past, Present and Future	3
BCN 1582	International Sustainable Development (Gen Ed Social and Behavioral Sciences and International)	3
BCN 3730	Construction, Safety, Health and the Environment	3
DCP 3200	Methods of Inquiry for Sustainability and the Built Environment	3
DCP 3210	Sustainable Solutions for the Built Environment	3
DCP 3220	Social and Cultural Sustainability and the Built Environment	3
DCP 4941	Practicum in Sustainability and the Built Environment	6
EES 3008	Energy and Environment (Gen Ed Physical Sciences)	3
EES 4050	Environmental Planning and Design	3
EES 4316	Industrial Ecology	3
EES 4401	Public Health Engineering (Gen Ed Physical Sciences)	3
ENV 4932	Special Problems in Environmental Engineering Sciences	1-4
FAS 2024	Sustainable Fisheries (Gen Ed Biological Sciences)	3
FOR 3162C	Silviculture	4
FOR 4060	Global Forests	3
FOR 4090C	Urban Forestry	3
HOS 3281C	Organic and Sustainable Crop Production	3
HOS 4283C	Advanced Organic and Sustainable Crop Production	3
SWS 3022	Introduction to Soils in the Environment (Gen Ed Physical Sciences)	3
SWS 4116	Environmental Nutrient Management (Gen Ed Physical Sciences)	3
SWS 4207	Sustainable Agricultural and Urban Land Management	3
SWS 4231C	Soil, Water and Land Use (Gen Ed Physical Sciences)	3
SWS 4233	Soil and Water Conservation	3
SWS 4245	Water Resource Sustainability	3
SWS 4550	Soils, Water and Public Health	3
URP 4000	Preview of Urban and Regional Planning (Gen Ed Humanities)	3

Cluster D | Ecology and Environmental Stewardship

Code	Title	Credits
BOT 2800C	Plants in Human Affairs (Gen Ed Biological Sciences)	3
BSC 2005	Biological Sciences (Gen Ed Biological Sciences)	3
BSC 2011	Integrated Principles of Biology 2 (Gen Ed Biological Sciences)	3
ENV 4101	Elements of Atmospheric Pollution (Gen Ed Physical Sciences)	3
EVR 3323	Introduction to Ecosystem Restoration	4
FOR 2662	Forests for the Future (Gen Ed Social and Behavioral Sciences; Writing Requirement)	3
FOR 3004	Forests, Conservation and People (Gen Ed Biological Sciences)	3
FOR 3153C	Forest Ecology (Gen Ed Biological Sciences)	3
GEO 2200	Dynamic Planet Earth (Gen Ed Physical Sciences)	3

GEO 2242	Extreme Weather	3
GEO 3250	Climatology (Gen Ed Physical Sciences)	3
GEO 3280	Principles of Geographic Hydrology (Gen Ed Physical Sciences)	4
GEO 3341	Extreme Floods (Gen Ed Physical Sciences and International)	3
GEO 3352	The Human Footprint on Landscape	3
GLY 2010C	Physical Geology (Gen Ed Physical Sciences)	4
GLY 2030C	Environmental and Engineering Geology (Gen Ed Physical Sciences)	3
GLY 3074	Oceans and Global Climate Change (Gen Ed Physical Sciences)	3
GLY 3083C	Fundamentals of Marine Sciences (Gen Ed Physical Sciences)	3
GLY 3882C	Hydrogeology and Human Affairs	3
PCB 3601C	Plant Ecology	3
PCB 4043C	General Ecology	4
SWS 2007	The World of Water (Gen Ed Physical Sciences)	3
SWS 2008	Land and Life (Gen Ed Biological Sciences)	3
SWS 4223	Environmental Biogeochemistry	3
SWS 4244	Wetlands	3
WIS 2040	Wildlife Issues in a Changing World (Gen Ed Biological Sciences)	3
WIS 2552	Biodiversity Conservation: Global Perspectives (Gen Ed Biological Sciences and International)	3
WIS 3401	Wildlife Ecology and Management	3
WIS 3402	Wildlife of Florida	3
WIS 3434	Tropical Wildlife	3
WIS 4554	Conservation Biology	3
WIS 4934	Topics in Wildlife Ecology and Conservation	1-4

Academic Learning Compact

The Bachelor of Arts in sustainability studies requires students to demonstrate an understanding of the relationship between the goals of sustainability and the activities of the built environment disciplines, including architecture, building construction, historic preservation, interior design, landscape architecture and urban and regional planning.

Before Graduating Students Must

- Complete a capstone or independent research project, present your results to a committee of the program's faculty and receive acceptable assessment.
- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major Will Learn to

Student Learning Outcomes (SLOs)

Content

1. Define and explain sustainability scholarship, including natural scientific, social scientific and humanistic approaches.
2. Define and explain the relationship of sustainability to ethics, culture and human behavior; economics, law and policy; production systems and the built environment; ecology and environmental stewardship.

Critical Thinking

3. Critically assess sustainability principles and practices.

Communication

4. Effectively write and/or orally communicate a range of approaches, frameworks, principles and practices of sustainability.

Curriculum Map

I = Introduced; R = Reinforced; A = Assessed

Courses	SLO 1	SLO 2	SLO 3	SLO 4
IDS 2154	I, R	I, R	I, R	I, R
IDS 4942	A	A	A	A

Core Courses

AMH 2631, ANT 2402,
BSC 2862, CLA 2521,
GLY 2038, POS 2032,
REL 2071

R

R

R

Assessment Types

- Exams
 - Writing assignments
 - Projects
 - Presentations
 - Internships
-