

**Environmental Sciences Audit Sheet:
Minor in ENVIRONMENTAL SCIENCES (ENVSMIN)**

Effective – Fall 2018

Please make an appointment to meet with your advisor each semester.

NAME _____ STUDENT ID# _____ MAJOR _____

ENVS ADVISOR _____ MINOR TRACK : ENVS MIN EXPECTED GRADUATION (semester/year) _____

Minor in Environmental Sciences (7 courses)

Foundation Courses (2 courses):

Semester/Year

1. _____ ENVS 130 (3hrs): Environmental Sciences **or**
ENVS 120: Living in the Anthropocene (3 credits) **or**
AP credit designated on transcript
2. _____ **ENVS 131 (2 hrs): Intro to ENVS Field Studies

**ENVS_OX 131 fulfills the requirement of both ENVS 130 and ENVS 131

Three upper level breadth courses (3 courses):

- Must be 200 level or above and at least 3 credit hours
- Select **ONE** course from each of the breadth areas listed on the right
- Courses should be selected in consultation with your ENVS faculty advisor
- Special Topics courses (ENVS 385) may apply towards the minor (**must be preapproved**)

Semester/Year **Course Number & Title**

1. _____
2. _____
3. _____

Two additional upper level electives (2 courses):

- Courses should be chosen in consultation with the advisor
- Must be 200 level or above and at least 3 credit hours
- One of these electives may be an approved Study Abroad course
(Students must have completed ENVS 131 before earning major/minor credit for advanced courses)

1. _____
2. _____

BREADTH AREAS

Earth and Atmospheric Sciences

- ENVS 222: Evolution of the Earth w/Lab
- ENVS 229: Atmospheric Science w/Lab
- ENVS 230: Introductory Geoscience w/Lab
- ENVS 235: Environmental Geology
- ENVS 239: Physical Oceanography
- ENVS 241/242: Modern and Ancient Tropical Env
- ENVS 250: Cartography & GIS
- ENVS 321: Geology and Human Health
- ENVS/CHEM 328: Intro to Atmospheric Chemistry
- ENVS 330: Climatology
- ENVS 331: Earth Systems Science
- ENVS 342: Barrier Islands
- ENVS 346: Geological Origins of Landscapes w/Lab
- ENVS 347: Landscapes & Geomorphology w/Lab
- ENVS 348: Water Resources w/Lab
- ENVS 361: Ecosystems Through Time
- ENVS 362: Mineralogy and Petrology w/Lab

Ecology and Conservation

- ENVS 232: Fundamentals of Ecology w/lab
- ENVS 240: Ecosystem Ecology
- ENVS 240L: Ecosystem Ecology w/Lab
- ENVS/BIO 247: Ecology
- ENVS 340: Wetland Ecology
- ENVS 345: Conservation Biology/Biodiversity
- ENVS 349: Ecology of Invasions
- ENVS 359: Ecology & Evolution of Disease
- ENVS 459: Urban Ecology

Social Science and Policy

- ENVS 224: Economy & The Environment
- ENVS 225: Institutions & The Environment
- ENVS/POLS 227 WR: Environmental Policy
- ENVS/POLS 228 WR: Environmental Policy w/Lab ENVS 324: Environmental Economics
- ENVS 326: Climate Change & Society
- ENVS/HIST 344: American Environmental History ENVS 377/POLS 377: International Environmental Policy ENVS 420: Law and Biodiversity
- ENVS 458: Fishers and Fisheries

**Environmental Sciences Audit Sheet:
Minor in EARTH AND ATMOSPHERIC SCIENCES (AESMIN)**

Effective – Fall 2018

Please make an appointment to meet with your advisor each semester.

NAME _____ STUDENT ID# _____ MAJOR _____

ENVS ADVISOR _____ MINOR TRACK : ENVS AESMIN EXPECTED GRADUATION (semester/year) _____

Minor in Earth and Atmospheric Sciences (7 courses)

Foundation Courses (3 courses):

Semester/Year

1. _____ ENVS 130 (3hrs): Environmental Sciences **or**
ENVS 120: Living in the Anthropocene (3 credits) **or**
AP credit designated on transcript
2. _____ **ENVS 131 (2 hrs): Intro to ENVS Field Studies
**ENVS_OX 131 fulfills the requirement of both ENVS 130 and ENVS 131
3. _____ ENVS 331: Earth Systems Science

Intermediate (200 Level) Earth and Atmospheric Sciences Course (1 course)
chosen from the following options:

- ENVS 222: Evolution of the Earth w/lab (GEOL OX 142 w/lab)
ENVS 229: Atmospheric Science w/lab (GEOL OX 115 w/lab)
ENVS 230: Introductory Geoscience w/lab (GEOL OX 141 w/lab)

<u>Semester/Year</u>	<u>Course Number & Title</u>
1. _____	_____

CURRICULUM NOTE: If you are an ENVS major and elect a minor in AESMIN, please note that you may **NOT** count any courses toward both the ENVS major and the AES minor requirements, with the exception of ENVS 130 or ENVS 120 and ENVS 131.

Upper level elective courses (3 courses):

- Must be 200 level or above and at least 3 credit hours
- A current list of AES electives is available on the ENVS website
- Courses should be selected in consultation with your ENVS faculty advisor

1. _____
2. _____
3. _____

****ONE pre-approved study abroad course may count toward the AES minor requirements; Students must have completed ENVS 131 before earning major/minor credit for advanced courses***

- ENVS 222: Evolution of the Earth with Lab [GEOL OX 142: Evolution of the Earth w/Lab]
ENVS 229: Atmospheric Science with Lab [GEOL OX 115: Meteorology w/Lab]
ENVS 230: Introductory Geoscience with Lab [GEOL OX 141: Physical Geology w/Lab]
ENVS 235: Environmental Geology
ENVS 239: Physical Oceanography
ENVS 241/242: Modern and Ancient Tropical Environments [GEOL OX 220N]
ENVS 250: Cartography and GIS
GEOL OX 250: Mineral Resources, Energy and Power with Lab
ENVS 321: Geology and Human Health
ENVS 325: Energy and Climate Change
ENVS 326: Climate Change and Society
ENVS/CHEM 328: Introduction to Atmospheric Chemistry
ENVS 330: Climatology
ENVS 342: Barrier Islands
ENVS 346: Geological Origins of Landscapes with Lab
ENVS 347: Landscapes & Geomorphology
ENVS 348: Water Resources with Lab
ENVS 361: Ecosystems Through Time
ENVS 362: Mineralogy & Petrology
ENVS 410: Extinctions
Pre-approved special topics (ENVS 285,286,287, ENVS 385,386,387, ENVS 485,486,487)

One of the following courses (3-4 credit hours) may also be used to fulfill an elective for the minor (must be preapproved).

- ENVS 399/399W: Intro to Independent Research (Earth and Atmospheric Sciences Topics)*
ENVS 494/494W: Individual Research (Earth and Atmospheric Sciences Topics)
ENVS 498/498W: Individual Directed Reading (Earth and Atmospheric Sciences Topics)
ENVS 499/499W: Advanced Independent Research (Earth and Atmospheric Sciences Topics)

**Environmental Sciences Audit Sheet:
Minor in SUSTAINABILITY SCIENCES (SUSTSCIMIN)**

Effective – Fall 2018

Please make an appointment to meet with your advisor each semester.

NAME _____ STUDENT ID# _____ MAJOR _____

ENVS ADVISOR _____ MINOR TRACK : ENVS SUSTSCIMIN EXPECTED GRADUATION (semester/year) _____

CURRICULUM NOTE: If you are an ENVS major and elect a minor in SUSTSCIMIN, please note that you may **NOT** count any courses toward both the ENVS major and the SUSTSCI minor requirements, with the exception of ENVS 130 or ENVS 120 and ENVS 131.

Minor in Sustainability Sciences (7 courses)

Foundation Courses (2 courses):

Semester/Year

1. _____ ENVS 130 (3hrs): Environmental Sciences **or**
ENVS 120: Living in the Anthropocene (3 credits) **or**
AP credit designated on transcript
2. _____ ****ENVS 131 (2 hrs): Intro to ENVS Field Studies**
****ENVS_OX 131 fulfills the requirement of both ENVS 130 and ENVS 131**

Methods in Sustainability Sciences (1 course):

- ENVS 250: Cartography & GIS
 ENVS 260: Quantitative Methods in ENVS (prerequisite: QTM 100)
 QTM Any 100 level QTM course

<u>Semester/Year</u>	<u>Course Number & Title</u>
1. _____	_____

Sciences of Sustainability (3 courses):

A combination of social and natural sciences courses chosen from those listed on the right:

<u>Semester/Year</u>	<u>Course Number & Title</u>
1. _____	_____
2. _____	_____
3. _____	_____

Practicum (1 course):

- ENVS 491: Service Learning in Environmental Sciences (focus in sustainability)
 ENVS/POLS 370B: Planning Community Initiatives (open to students admitted as CBSC Fellows)

<u>Semester/Year</u>	<u>Course Number & Title</u>
1. _____	_____

Sciences of Sustainability guidelines:

- Must be 200 level or above
- Students should choose at least one course from each area, social sciences and natural sciences. Courses are listed below in each category.
- Courses should be selected in consultation with your ENVS faculty advisor.

SOCIAL SCIENCE COURSES:

- ENVS 224: Economy and the Environment
 ENVS 225: Institutions and the Environment
 ENVS 227: Environmental Policy
 ENVS 234: Biophilic & Green Design
 ENVS 324: Environmental Economics
 ENVS 326: Climate Change and Society
 ENVS 350: Environmental Thought
 ENVS 352: Green Business
 ENVS /POLS 370a: Community Building and Social Change
 ENVS 377: International Environmental Policy
 ENVS 420: Law and Biodiversity

NATURAL SCIENCE COURSES:

- ENVS 232: Fundamentals of Ecology w/lab
 ENVS 240: Ecosystem Ecology
 ENVS/BIO 247: Ecology
 ENVS 320: Environmental Assessment & Management
 ENVS 326: Climate Change and Society
 ENVS 331: Earth Systems Science
 ENVS 345: Conservation Biology & Biodiversity
 ENVS 348: Water Resources w/Lab
 ENVS 442: Ecology of Emory
 ENVS 459: Urban Ecology & Development

*ONE pre-approved study abroad course may count toward the SUSTSCI minor requirements; Students must have completed ENVS 131 before earning major/minor credit for advanced courses