

Spring 2024 – Sustainability Certificate – Course Options

Clarification - There are two UNI Sustainability Certificate options:

1. UNIFI General Education @ 9 hours – contact jeremy.schraffenberger@uni.edu
<https://undergraduatestudies.uni.edu/unifi/general-education-certificates/sustainability>

2. University-wide @ 15 hours – contact chad.heinzel@uni.edu
<https://chas.uni.edu/sustainability-certificate>

These certificates are joined together/based on the same classes. They work to provide students opportunities to explore how Sustainability may be applied to their majors and life's work.

Want to add the Sustainability Certificate to your developing degree, use this form

https://registrar.uni.edu/sites/default/files/inline-uploads/fillable_declaration_of_curriculum_form_7.12.2022.pdf

Students can deepen their understanding with the university level certificate in Sustainability (15 credits). The university level certificate builds directly off of the UNIFI Certificate and is an **additional** credential reported on the transcript.

If a student completes the UNIFI Certificate in Sustainability, they satisfy the required Intro class plus an elective in **both** Content Areas 1 and 6 (**all 9 credits carry over**). The student will then need **TWO** more electives to complete the University-wide Certificate in Sustainability. Students need to work with an advisor to select the elective classes and to make sure sufficient Content Areas are covered.

Introduction Course

TECH 1015: Intro to. Sustainability – Brian Rumsey **+UNIFI**

Section 1: Tu, 6:00-8:50PM, CEEE, Rm 115

Section 2: Online, TBA

WINTER TERM, Section 40DJ-LEC: Online, TBA

Stream 1: Natural and Biological Environments **+UNIFI**

BIOL 1012: Life, The Natural World - **+UNIFI**

Section 1: MWF, 1:00-1:50, Maureen Clayton

Section 2: T, Th, 12:30-1:45, Laura Jackson

BIOL 1013: The Natural World – **Lab** **+UNIFI**

Section 1: Tu, 9:30-11:20, Kimberly Cline-Brown

Section 2: Tu, 12:30-2:20, Kimberly Cline-Brown

Section 3: W, 9:00-10:50, Ai Wen

Section 4: W, 12:00-1:50, Ai Wen

Section 5: Th, 12:30-2:20, Kimberly Cline-Brown

BIOL 1014: Life Continuity and Change – **+UNIFI**

Section 1: MWF, 2:00-2:50, Julie Kang

Lecture Online, TBA, Kimberly Cline-Brown

BIOL 1015, Life Continuity and Change, **Lab** **+UNIFI**

Sections 1-Tu/11-12:50, 2-Tu/2-3:50, 3-Wed/8-9:50, 4-Wed/10-11:50, 5-Wed/12-1:50, 6-Th/8-9:50, 7-Th/11-12:50

BIOL 3100: Evolution, Ecology, and the Nature of Science

Section 1: Tu/Th, 8-9:15, James Demastes

Section 2: Tu/Th, 9:30-10:45, Peter Berendzen

Section 3: Tu/Th, 11-12:15, Prof. Berendzen

Section 4: Tu/Th, 12:30-1:45, James Demastes

PreReqs = BIOL 2051 (840:051); BIOL 2052 (840:052); CHEM 1110 (860:044) and CHEM 1120 (860:048), or CHEM 1130 (860:070). BIOL 3100 (840:100) and BIOL 3140 (840:140) cannot be taken concurrently.

BIOL 4167/5167: Biodiversity Conservation Policy

Sec. 1: MWF 10-10:50, Mark Meyers

PreReqs =

BIOL3100; BIOL 3140; junior standing (With "hidden" pre-reqs BIOL 2051 and BIOL 2052)

EARTHSCI 1300: Intro. to Geology **+UNIFI**

Lec. 10-10:50, Mohammad Iqbal

Lab. Sec. 1 – Th 9:30-11:20, Sec. 2 – 12:30-2:20

GEOG 2250: Nature-Society Relations **+UNIFI**

MWF, 9:00-9:50, Thomas Larsen

GEOG 3310 now GEOG 2410: Geographic Information Systems 1

Sec. 1 – T/Th, 9:00-10:45, Alex Oberle

Sec. 2 – T/Th, 2:00-3:15, Alex Oberle

GEOG 4310 – GIS Applications – Environmental Modeling and Mapping

T/Th. – Tu/Th, 12:30-1:45, Bingqing Liang

Pre-reqs = GEOG 2410; junior standing

PHYSICS 1000: Physics in Everyday Life **+UNIFI**

Sec. 1 – MWF, 10-10:50, Andrew Stollenwerk

Listed in Sustainability Requirements for FALL, but offered in Spring

PH 3710: Environmental Health Science

T/Th. – 3:30-4:45, Michaela Rich

Pre-reqs = junior standing. (Same as ENV SCI 4665/5665 (830:165g))

Stream 2: Mathematical and Economic Dimensions

STAT 3771/5771: Applied Statistical Methods for Research

Sec. 1 T/Th, 12:30-1:45, Mark Ecker

GIS-LEC, Online, TBA, Mark Ecker

Pre-Reqs = STAT 1774 or STAT 1772; junior-standing

ACC 2130: Principles of Managerial Accounting

Sec. 1 – MWF, 12-12:50, Lei Wang

Sec. 2 – MWF, 1-1:50, Lei Wang

Sec. 3 – MWF, 2-2:50, Lei Wang

Sec. 4 - Online, TBA, Eric Lee

Sec. 5 – MWF, 9-9:50, Thomas Collins

Pre-Reqs = Sophomore standing; C- or better in Acct 2120 (Acct 2120 is part of Business Core)

ACC 3131: Cost Accounting

Sec. 1 – M, W, 2-3:15, Eric Lee

Sec. 2 – M, W, 4-5:15, Eric Lee

Pre-Reqs = Junior standing; Acct 2120; Acct 2130 (which requires C- or better in ACCT 2120). (Note: Acct 2120 and 2130 are part of the Business Core.)

Econ 3159 – *Not being offered Spring 24*

MGMT 3167: Global Supply Chain Management

T/Th, 11-12:15, Andy Anderson Tuesday online?

Pre-Reqs = ACCT 2120; ACCT 2130 (requires C- or better in ACCT 2020); MGMT 2080; STAT 1772 or equivalent; ECON 1011; ECON 1021; Junior standing. MGMT 3154 (which requires CBA Admittance) (Note: all prereqs are part of the Business Core)

MKTG 3163: Distribution and Logistics

T/Th, 9:30-10:45, Karthik Iyer

Pre-reqs = MKTG 2110; ECON 1031 or ECON 1041; junior-standing (Note: MKTG 2110 and Econ 1041 are part of the Business Core; Econ 1031 is part of the LAC)

Stream 3: Urban Environments and Technology

EARTHSCI 3400: Natural Resources and Civilizations*, Chad Heinzl * Study Abroad **+UNIFI**, **Winter break '24**, more info. = <https://uni.edu/studyabroad/capstone-iceland-winter>

GEOG 3220: Environmental Geography – Women and the Environment

MWF, 1-1:50, Lisa Tabor

Pre-Reqs = GEOG 1120 (970:010) or GEOG 1210 (970:026) or GEOG 2210 (970:028) or GEOG 1110 (970:040) or consent of instructor.

GEOG 4174/5170: Climate Action Planning

T/Th, 3:30-4:45, Alex Oberle

Pre-Reqs = Junior standing

TECH 1010: Metal Removal Processes

MWF, 12-1:15, Rukmini Revuru

TECH 3180: Lean and Sustainable Operations

Sec. 1 – T/Th, 10-11:50, Julie Zhang

Sec. 2 – Online, TBA, Julie Zhang

Pre-Reqs = TECH 3143; MATH 1150 (800:048) or MATH 1420 (800:060) or STAT 1772 (800:072); junior standing or consent of instructor.

Stream 4: Tourism and Outdoor Recreation

NEW RTNL 3778: Community Based Tourism

T/Th, 5-6:15pm, Emily Hanson

Pre-Reqs = Junior Standing

Stream 5: Education and Environmental Literacy

None :-/

Stream 6: Social, Philosophical and Political

ECON 1001: Economics of Social Issues +UNIFI

Sec. 1 – Tu/Th, 9:30-10:45, Prof. Amin

HIST 3110: Conflict and Justice in History +UNIFI

Section 5 – 12-12:50, Topic: Climate Change, Brian Rumsey

Section 7 – 9:30-10:45, Topic: Perspectives on Animal-Human Relations, Barbara Cutter

Section 8 – 11-12:15, Topic: Perspectives on Animal-Human Relations, Barbara Cutter

NEW PHIL 1040: Justice and the Good Life +UNIFI

Sec. 1 – T/Th, 9:30-10:45, John Preston

Sec. 2 – MWF, 10-10:50, Reza Lahroodi

Sec. 3 – MWF, 11-11:50 Reza Lahroodi

Sec. 5 – MWF, 1-1:50, Edgar Boedeker

PHIL 1560: Science, Technology and Ethics +UNIFI

Sec. 1 – Tu/Th, 12:30-1:45, Thomas Hesse

Sec. 2 – Tu/Th, 3:30-4:45, Thomas Hesse

Sec. 3 – Online, TBA, Robert Earle

Sec. 4 – Online, TBA, Robert Earle

PHIL/RELS 3510: Bio-Medical Ethics

T/Th 3:30-4:45, Francis Degnin

POL AMER 1048: Current and Immerging issues in Public Administration

MWF, 9:30-10:45, Jayme Renfro

“Fantasy and despair are tempting, but history can help us resist them. The past accomplishments of conservation were not inevitable, and neither are its predicted failures. We can move forward by understanding the story of struggle and survival we already have – and seeing the possibilities in what remains to be written”

Michelle Nijhuis, Beloved Beasts