



**FLORIDA
ATLANTIC
UNIVERSITY**

**NEW/CHANGE PROGRAM REQUEST
Undergraduate Programs**

Department **GEOSCIENCES**

College **SCIENCE**

UUPC Approval 3/25/24

UFS Approval _____

Banner _____

Catalog _____

Program Name

Honors Program in Climate Change

New Program*

Change Program*

Effective Date
(TERM & YEAR)

FALL 2024

Please explain the requested change(s) and offer rationale below or on an attachment.

To compliment the existing Honors programs in Geography and Geology, the Geosciences Department proposes the creation of an Honors program for students enrolled in the recently created B.S. Geosciences: Climate Change concentration. For further details, please refer to the attachment.

**All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.*

Faculty Contact/Email/Phone

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Consult and list departments that may be affected by the change(s) and attach documentation

Approved by

Department Chair

[Signature]

Date

2/12/24

College Curriculum Chair

[Signature]

2/15/24

College Dean

[Signature]

2/16/24

UUPC Chair

Korey Sorge

3/25/24

Undergraduate Studies Dean

Dan Meeroff

3/25/24

UFS President

Provost

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

HONORS PROGRAM IN CLIMATE CHANGE

Qualified students may apply to participate in the upper-division Honors Program in the B.S. Geosciences, Climate Change concentration. The Honors Program recognizes research accomplishments of talented undergraduates. Students normally begin the program in their sophomore or junior year and conduct independent research with mentor supervision during their junior and senior years.

To enter the program, students must have:

1. A minimum of 9 credits in geoscience courses with EVR, ESC, GEA, GEO, GIS, GLY, MET prefixes;
2. A cumulative GPA of at least 3.3, and must maintain a 3.3 to remain in the program;
3. The support of a faculty mentor. Interested students should contact the faculty member whose research interests are closest to those the student wishes to pursue.

To be awarded the Honors undergraduate degree, students must:

1. Complete all requirements for the B.S. Geosciences, Climate Change concentration;
2. Complete 6 credits of: GEO 4920, Geosciences Honors Colloquium (1 credit, repeated twice); GEO 4948C, Field Experience (1 credit); GEO 4915/6, Directed Independent Research (3 credits);
3. Meet the capstone requirement, which entails presenting research findings from the Field Experience and the Directed Independent Research in both a written thesis format as well as an oral presentation at the Geosciences Colloquium Series or an appropriate academic conference, including FAU undergraduate research symposium, approved by both the faculty mentor and the department chair;
4. Complete an honors compact with their faculty mentor, which is an agreement that the projects will be conducted at the honors level. <https://www.fau.edu/honorsinthemajor/documents/honors-compact-proposal-and-approval-form.pdf>

In the Honors Colloquium course, students are exposed to talks from prominent researchers and professionals in the various subfields of the geosciences, introducing them to current important research themes in the

geosciences, as well as reinforcing the scientific method and appropriate methodologies for problem solving in the geosciences. Speakers change every semester. Students enroll in the Field Experience course while doing the field work, lab work and/or data collection for their research project and in the Directed Independent Research course while working in the analysis and write-up phases of their research.