THE UNIVERSITY OF ARIZONA.
Global Change PhD Minor Program

The Committee on Global Change within the Interdisciplinary Program of the Graduate College administers a PhD minor on global change. The program provides graduate students with a broad understanding of critical concepts and state-of-the-art skills in the rapidly emerging field of global change.

Who should consider the GC Minor?

Global Change (GC) Minor students are interested in acquiring a broader environmental and Earth system science perspective. Students in the program come from a wide range of fields, including science, engineering, and social science.

What are the GC Minor requirements?

Five courses, for a total of 13 units (B grade or better), are required for the GC PhD Minor. Seven units come from a required list of core courses, with the remaining six units selected from two of the elective thematic areas (one course per area) with approval of the PhD Minor faculty on the student's committee.

Students who have previously taken one or more of these core classes (e.g. as part of a major) must consult a member of their PhD Minor Committee Faculty to identify appropriate substitute courses from the list of electives, and to receive formal approval from the minor representative(s). This arrangement is then formalized by a letter from the minor representative(s) to the Executive Committee.

For a full list of elective courses, visit:
http://www.globalchange.arizona.edu/courses.html

GC Minor Core Courses

- GC 695G Global Change Toolkit (1 unit)

- GC 578 Global Change (3 units)

- GC 597A Global Change Workshop (3 units)

Elective Courses

Students can choose their elective from a wide range of courses. Thematic areas include:

- Global energy, climate, and water dynamics

- Ecology and biogeochemistry

- Tools for observing Earth

- Past and present Earth processes

- Variability and adaptation

- Mitigation and Policy

How are GC Minor dissertation committee members selected?

Students should identify and contact two faculty from the Committee on Global Change to serve as minor representatives on their preliminary examination and final defense committees. These faculty should be identified early in the student's program, so they can serve as resources during the student's studies.

How do students apply for the GC Minor?

The PhD minor is offered by the Committee on Global Change, through the University's Office of Interdisciplinary Programs. Students interested in the GC PhD Minor should contact the program coordinator for current information and requirements, or contact a member of the program's Executive Committee for help in setting up a program.

The Committee on Global Change

More than 70 faculty from six colleges and over 20 departments currently serve on the GC Minor's Committee on Global Change. For a list of faculty, visit: http://www.globalchange.arizona.edu/directory/faculty.asp.

The Institute for the Study of Planet Earth

The GC Minor curriculum is supplemented by many research and educational activities of the University of Arizona's Institute the for Study of Planet Earth (ISPE). Faculty and students associated with ISPE are involved in interdisciplinary research that spans much of the breadth of the U.S. Global Change Research Program. ISPE offers travel grants and competitive awards to GC Minor and other graduate students on campus. The Institute also sponsors global change visitors and interdisciplinary seminars on campus.

GC Minor Executive Committee

Steve Archer
School of Natural Resources
sarcher@ag.arizona.edu

Julie Cole
Geosciences
jcole@geo.arizona.edu

Owen Davis
Geosciences
palynolo@geo.arizona.edu

J. E. "Ed" de Steiguer
School of Natural Resources
jedes@ag.arizona.edu

Katie Hirschboeck, Chair
Laboratory of Tree-Ring Research
katie@ltrr.arizona.edu

Paul Robbins
Geography and Regional Development
robbins@email.arizona.edu

For More Information
Program Coordinator
GC Minor GIDP
PO Box 210156
University of Arizona
Tucson, Arizona, 85721
(520) 622-9062
ispe@email.arizona.edu

http://www.globalchange.arizona.edu/