Environ 110
Biol 110
Geosci 171
AOSS 171
ENSCEN 171

home lectures labs syllabus reference

Global Change 1 Physical Processes

GLOBAL CHANGE
Physical Processes

LectureTools
CTools
GC Home

Every day, millions of human and natural activities are altering the planet on which we live. Over the past century, through our ever-increasing population and mastery of technology, we have been changing the global environment at a pace unknown to natural history.

The University of Michigan's **Global Change Program** offers an interdisciplinary three semester introductory course sequence that investigates the causes and potential impacts of global change using a combination of traditional lecture-based and modern web-based teaching methodologies. The courses can be taken alone or in conjunction with companion courses toward completion of the **Global Change Minor**.

This semester course deals with issues relating to the physical, chemical and biological cycles contributing to Global Change. Students apply learned knowledge by using discussions and Stella systems modeling software to investigate the dynamics of natural systems.

www.globalchange.umich.edu/

Meet the GC1 Instructors

Tips for Learning

1. Read the Web Notes Before Class

2. Take Notes During Class
• Listen for "signal statements", e.g., "…the most important point is…"
• Write with abbreviated words and symbols – write short sentences
• Place a question mark (?) next to material you don't understand, or, raise your hand and ask a question.

3. Rewrite Your Notes After Class – The Same Day!
• Make your notes more **complete** by expanding abbreviations and writing longer sentences. Add points that you might remember but that you didn't write down.
• Make your notes more **accurate** by answering questions you had when writing your notes in class. Read the web notes for that lecture, talk to fellow students, or ask your GSI or instructor.

4. Take the "self-test" for each Lecture to reinforce the information.

Get organized,
Manage your Time!

Course Management: U-M's Ctools

ctools.umich.edu

Global Change 1:
Physical Processes

https://ctools.umich.edu/

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1. Go to   https://www.lecturetools.com/
2. Click on 'Student Registration'
3. Enter "481" as the zip code (upper right)
4. Choose 'University of Michigan – Ann Arbor' as the school
5. Select "Fall" and then this course from the drop-down menus
   Our course is the 3rd one listed
6. Fill in your name and choose a password, then click on "register"

Public Acceptance of Evolution

"Human beings, as we know them, developed from earlier species of animals."

True or false?

Miller JD, Scott EC, Okamoto, S (2006) Public acceptance of evolution. Science 313:765-766.
Based on surveys of 34 countries taken since 1985