MEMORANDUM

TO: Stephen Halperin
    Dean, College of Computer, Mathematical and Physical Sciences

FROM: Phyllis Peres
      Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to modify the Minor in Surficial Geology (PCC log no. 07068)

Your proposal to modify the curriculum of the Minor in Surficial Geology has been administratively approved. A copy of the approved proposal is attached.

The changes are effective Fall 2008. The College should ensure that the changes are fully described in the Undergraduate Catalog and in all relevant descriptive materials, and that all advisors are informed.

CWR/

Enclosure

cc: Carmen Balthrop, Chair, Senate PCC Committee
    Sarah Bauder, Office of Student Financial Aid
    Laura Slavin, University Senate
    Barbara Hope, Data Administration
    Denise Nadasen, Institutional Research & Planning
    Anne Turkos, Archives
    Linda Yokoi, Office of the Registrar
    Scott Wolpert, Undergraduate Studies
    David Lay, College of Computer, Mathematical and Physical Sciences
DATE SUBMITTED: 3/8/2008

COLLEGE/SCHOOL: CMPS

DEPARTMENT/PROGRAM: GEOL

PROPOSED ACTION (A separate form for each) ADD_____ DELETE_____
CHANGE__X__

DESCRIPTION (Provide a succinct account of the proposed action. Details should be provided in an attachment. Provide old and new sample programs for curriculum changes.)

This is a proposal for a change to the Minor in Surficial Geology. See attached.

JUSTIFICATION/REASONS/RESOURCES (Briefly explain the reason for the proposed action. Identify the source of new resources that may be required. Details should be provided in an attachment.)

To extend the Department of Geology’s commitment to undergraduate research to the Surficial Geology Minor by the incorporation of GEOL499 – Special Problems in Geology to the list of its optional courses. See attached.

APPROVAL SIGNATURES

1. Department Committee Chair
   [Signature]
   John Monk, 3/6/08

2. Department Chair
   [Signature]
   Michael Brown, 3/6/08

3. College/School PCC Chair
   [Signature]
   David L. Ray, 4/10/08

4. Dean
   [Signature]
   David C. Ray, 4/11/08

5. Dean of the Graduate School (if required)
   [Signature]

6. Chair, Senate PCC
   [Signature]

7. Chair of Senate
   [Signature]
   [Signature]

8. Vice President for Academic Affairs & Provost
   [Signature]
   [Signature]

VPAAP Rev. 3/1/04
Proposal for a change in the Minor in Surficial Geology

1. This is a proposal to change an existing minor.

2. Catalog Description is unchanged.

Courses currently required for the minor are:

Required:

- One of the following:
  - GEOL 100/110 Physical Geology/Physical Geology (4)
  - GEOL 120/110 Environmental Geology/Physical Geology Lab (4)
- GEOL 123 Causes and Implications of Global Change (3)
- GEOL 340 Geomorphology (4)

In addition, the student must choose two from the following:

- GEOL 342 Sedimentation and Stratigraphy (4)
- GEOL 451 Groundwater (3)
- GEOL 452 Watershed and Wetland Hydrology (3)
- GEOL 331 Principles of Paleontology (3)

Courses to be required for the minor under the proposed revision are:

Required:

One of the following:

- GEOL 100/110 Physical Geology/Physical Geology (4)
- GEOL 120/110 Environmental Geology/Physical Geology Lab (4)
- GEOL 123 Causes and Implications of Global Change (3)
- GEOL 340 Geomorphology (4)

In addition, the student must choose two from the following:

- GEOL 342 Sedimentation and Stratigraphy (4)
- GEOL 451 Groundwater (3)
- GEOL 452 Watershed and Wetland Hydrology (3)
- GEOL 331 Principles of Paleontology (3)
- GEOL 499 Special Problems in Geology (3 cr. Letter grade only)

3. In its major tracks, the Geology Department maintains the highest possible commitment to the undergraduate research experience, fostering the development of its majors into high-caliber scientific researchers through its required two-semester senior research track (GEOL393 and GEOL394). Geology now seeks to extend this
commitment and opportunity to its minors by giving them access to opportunities for independent study/research under faculty supervision. To this end, we propose the inclusion of the three-credit option of GEOL499 – Special Problems in Geology, among optional courses for each minor track, including Surficial Geology.