CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL

SUBMITTED BY:

<table>
<thead>
<tr>
<th>Department</th>
<th>Geology &amp; Geophysics</th>
<th>College/School</th>
<th>Natural Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared by</td>
<td>Ellen A. Craig</td>
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<td>Faculty Contact</td>
<td>474-5385</td>
</tr>
</tbody>
</table>

1. COURSE IDENTIFICATION:

<table>
<thead>
<tr>
<th>Dept</th>
<th>Course #</th>
<th>No. of Credits</th>
</tr>
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<tbody>
<tr>
<td>GEOS</td>
<td>425</td>
<td>2</td>
</tr>
</tbody>
</table>

COURSE TITLE

Computer Applications in Geology

2. ACTION DESIRED:

- If Change, indicate below what change.

<table>
<thead>
<tr>
<th>ACTION</th>
<th>DROP COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course</td>
<td>X</td>
</tr>
</tbody>
</table>

3. COURSE FORMAT

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

<table>
<thead>
<tr>
<th>COURSE FORMAT: (check one)</th>
<th>Frequency of Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc)

4. COURSE CLASSIFICATIONS: (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

<table>
<thead>
<tr>
<th>H = Humanities</th>
<th>N = Natural Science</th>
<th>S = Social Sciences</th>
</tr>
</thead>
</table>

Will this course be used to fulfill a requirement for the baccalaureate core?

IF YES, check which core requirements it could be used to fulfill:

G = Oral Intensive, Format 6
W = Writing Intensive, Format 7

5. COURSE REPEATABILITY:

Is this course repeatable for credit?

- YES
- X
- NO

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES
If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course? [ ] CREDITS

6. CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits

GEOS 425 2 Credits
Computer Applications in Geology
Introduction to computer applications used in the geological sciences. Acquisition of high- and medium-resolution GPS positions for the location of geological observations, analysis and presentation of geological data in GIS applications (ArcGIS and MapInfo), modeling and interpretation of subsurface data (GIS and Surfer). Includes creation and manipulation of geological databases, graphics illustration and presentation of geologic data and interpretations. (Prerequisite: GEOS 225. Next offered: 2008-09.) (1+3) Offered Alternate Fall

7. COMPLETE CATALOG DESCRIPTION AS IT WILL APPEAR WITH THESE CHANGES: (Underline new wording, strike-through old wording and use complete catalog format including dept., number, title, credits and cross-listed and stacked.) PLEASE SUBMIT NEW COURSE SYLLABUS. For stacked courses the syllabus must clearly indicate differences in required work and evaluation for students at different levels.

N/A

8. IS THIS COURSE CURRENTLY CROSS-LISTED?
   YES/NO [ ]
   If Yes, DEPT [ ] NUMBER [ ]
   (Requires written notification of each department and dean involved. Attach a copy of written notification.)

9. GRADING SYSTEM:
   LETTER [X] PASS/FAIL: [ ]

10. ESTIMATED IMPACT
    WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.
    None, because course has been rolled into GEOS 458/658.

11. LIBRARY COLLECTIONS
    Have you contacted the library collection development officer (ffklj@uaf.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.
    NO [X] YES [ ] n/a

12. IMPACTS ON PROGRAMS/DEPTS:
    What programs/departments will be affected by this proposed action?
    Include information on the Programs/Departments contacted (e.g., email, memo)
    Improve program offerings

13. POSITIVE AND NEGATIVE IMPACTS
    Please specify positive and negative impacts on other courses, programs and
Justification for action requested

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you ask for a change in # of credits, explain why; are you increasing the amount of material covered in the class? If you drop a prerequisite, is it because the material is covered elsewhere? If course is changing to stacked (400/600), explain higher level of effort and performance required on part of students earning graduate credit. Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the course is not compromised as a result.

By combining GEOS 425 and GEOS 378 into a new course, we eliminated overlap and were able to cover additional, important material. Now we must drop GEOS 425.

Approvals:

Signature, Chair, Program/Department of: Geology & Geophysics
Date 10/3/08

Signature, Chair, College/School Curriculum Council for: CNSM
Date 10/13/08

Signature, Dean, College/School of: CNSM
Date 10/15/08

Signature of Provost (if applicable)
Offerings above the level of approved programs must be approved in advance by the Provost.

All signatures must be obtained prior to submission to the governance office.

Signature, Chair, UAF Faculty Senate Curriculum Review Committee
Date
ADDITIONAL SIGNATURES: (If required)

Signature, Chair, Program/Department of:  
Date

Signature, Chair, College/School Curriculum Council for:  
Date

Signature, Dean, College/School of:  
Date