CHANGE IN CURRICULUM

COLLEGE OF GEOSCIENCES
DEPARTMENT OF GEOLOGY AND GEOPHYSICS
BS IN GEOLOGY AND MS IN OCEANOGRAPHY 3+2
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate  ☑ Graduate  ☐ First Professional (ex. DVM, JD, MD, etc.)

2. Request change for: ☑ Degree Program  ☐ Minor  ☐ Certificate

3. Request submitted by (Department or Program Name):
   Oceanography

4. Program Designation and Name:
   Geology - 5-Year Bachelor of Science/Master of Science in Oceanography

5. Brief description of change:
   Adjust the catalog program requirements to match the degree evaluation and clarify options for students.

   Includes change to GR program (attached). sw

6. Rationale for change:
   There were errors associated with the entering of the program requirements into the new electronic catalog. These need to be corrected.

Use the checkboxes below to make sure that all information is included.

a. Proposed curriculum attached. ☑ Yes  ☐ No

b. Current catalog curriculum with handwritten edits attached. ☑ Yes  ☐ No

c. Current Howdy degree evaluation with handwritten edits attached. ☑ Yes  ☐ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? ☐ Yes  ☑ No

b. If yes, degree program hours will change from: ___________ to: ___________

  c. If yes, is the Texas Higher Education Coordinating Board form attached? ☐ Yes  ☐ No

脆 http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. If proposed changes affect other unit(s), are letters of support attached? ☑ Yes  ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date  Dean of College Date
Chair, College Review Committee Date  Chair, GC or UCC Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu
Curricular Services – 04/14
23 November 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences
To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences
From: Dr. Debbie Thomas, Department Head, Oceanography
Dr. Ping Yang, Department Head, Atmospheric Sciences
Dr. Michael Pope, Department Head, Geology and Geophysics
Dr. Christian Brannstrom, Director Environmental Programs, College of Geosciences

RE: Revisions to the BS-METR-GOC, BS-GEOL-GOC, BA-GEOL-GOC and BS-ENGS-GOC programs.

We are requesting revisions to the 3+2 programs combining the non-thesis MS in Oceanography with the undergraduate METR, GEOL and ENGS degrees. They have been modified to swap out the non-thesis MS in Oceanography with the newly approved non-thesis Master of Ocean Science and Technology. This is simply a swap in the designation of the non thesis Master’s degree.

The degree plans remain as modified in the by the corrections recently submitted for approval.

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).
Geology - 5-Year Bachelor of Science/Master of Science in Oceanography

The Fast Track Program offers motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing the Bachelor of Science (B.S.) degree in the Department of Geology and Geophysics Geology Program and the Oceanography nonthesis M.S. degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.S. coursework for undergraduate credit hours and dual credit graduate courses and non-thesis M.S. coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

Application and Eligibility

- Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case-by-case basis.
- Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.
- A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.
- Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.
- Students admitted to the program will change from U4 to G7 status when they are admitted having completed at least 96 hours (end of spring semester, year 3).
- Students not accepted or not allowed to continue with the Fast Track Program will complete the 120 hour Bachelor's degree under the standard 4 year curriculum. These students may still apply to the traditional graduate program.

Students will graduate at the completion of the 5th year in the Fast Track Program coursework (150 credit hours) with both Bachelor's and Master's degrees. Students will complete the coursework in May of the 5th year.

Program Requirements

First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>GEOL 104</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 101</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 111</td>
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<tr>
<td>TH 151</td>
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<tr>
<td>ENGL 104</td>
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<td>GEOS 1st Year Seminar</td>
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Second Year

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<td>GEOL 311</td>
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<td>GEOP 341</td>
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<td>MATH 251</td>
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Third Year

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<td>GEOL 305</td>
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<td>GEOL 309</td>
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<td>GEOL 312</td>
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Fourth Year

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<td>GEOL 309</td>
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<td>GEOL 304</td>
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<tr>
<td>GEOL 312</td>
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</tbody>
</table>
Admission Process

Apply: End of junior year after 6 semesters, minimum GPA = 3.0.

Decision: August prior to starting graduate course work in Fall of Senior.

Change to graduate status (007).

Apply for graduate degree plan upon approval of 007 status.
THIS IS NOT an official evaluation.

Program Evaluation

1. Transfer: 
2. Other Course Information
   Overall GPA: 
   Program GPA: 
   Total Required: 

3. Required Used
4. Met Credits
5. Courses
   Concentrations: 
   Minors: 
   Degrees: 
   Majors: 
   Level: 
   College: 
   Company: 

6. Expected Graduation Date: 
7. Evaluation Term: 
8. Catalog Term: 

Limitation: Maximum combination of 24 hours of GE and/or AG courses may be used for an undergraduate degree.

Program Requirements: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Information for Degree Evaluation

Detail Requirements

Change Student Viewing: Degree Evaluation (Degree, Email)

Oct 16, 2015 10:55 am Roxanna R. Russell
23 October 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences

To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences

From: Dr. Debbie Thomas, Department Head, Oceanography
        Dr. Michael Pope, Department Head, Geology and Geophysics

RE: Revisions to catalog degree requirements for the Joint degree program between Oceanography and the Geology BS program

I have attached a revision to the Fast Track 3+2 program for BS GEOL and the non-thesis MS in Oceanography. It has been modified to fix the errors in the catalog degree requirements and in the degree evaluation.

Catalog changes include:
First Year Fall
- Remove GEOS First year seminar and change the semester hours from 16 to 15.
First Year Spring
- Communications elective
Second Year Spring
- Showing the American History elective correctly as 'American History or Government/Political Science Elective'
Third Year Fall
- Swap GEOL 309 (3 cr) with GEOL 304 (4 cr) (from spring semester) and change the semester credit hours from 15 to 16.
- Replace Government/Political Science elective with Language/Philosophy/Culture elective
- Showing the American History elective correctly as 'American History or Government/Political Science Elective'
- Removing the old footnote references.
Third Year Spring
- Swap GEOL 304 (4cr) with GEOL 309 (3 cr) (from fall semester) reducing the semester credit hours by 1.
- Include the 4 credits from the GEOL elective, increasing the new total by 4 credits.
- The total credits for this semester go from 14 to 17
- Add the word elective to the creative arts elective
Fourth Year Fall
• Change OCNG 430 to technical elective

Fourth Year Fall
• Showing the American History elective correctly as 'American History or Government/Political Science Elective'
• Move OCNG 603 to the spring semester. Replace with choosing one of the fundamental graduate OCNG courses (OCNG 620, OCNG 630 or OCNG 640)

Fourth Year Spring
• Replace Language/Philosophy/Culture elective with American History or Government/Political Science Elective
• Replacing OCNG 620 with OCNG 603 Communicating Ocean Science
• Replace OCNG 640 with choosing one of the fundamental graduate OCNG courses (OCNG 620, OCNG 630 or OCNG 640).

Total four year hours
• Correcting the total credits for four years to 132. There are 12 credit hours that are graduate only in the fourth year along with 6 credit hour of dual graduate/undergraduate credit.

Fifth Year Spring
• Correcting the Capstone Experience to the actual course ONG 661 Advanced Oceanographic Data Analysis and Communication

Correct footnotes are:

1 Students may take any of these course in the summer to reduce the heavy semester loads.

2 A second W course is required. GEOL 312 is offered as a W option when taught by Dr. Julie Newman, and other GEOL electives also fulfill the W requirement (including GEOL 491 when arranged with the permission of the instructor).

3 Students will not be permitted to receive credit for both the 400- and 600-level versions of certain courses because the content and learning outcomes are too similar (e.g. OCNG 440/OCNG 640).

4 Two graduate courses will be taken for dual undergraduate/graduate credit and will contribute to the minor.

Corrections to the Degree Evaluation include:

Life and Physical Sciences
• Added the labs for CHEM (111 and 112) to maintain the 16 credit hours

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).