

**Faculty Senate Minutes
Western Oregon University
June 8, 2008 3:30
Hamersly Library 107**

I. Meeting was called to order at 3:30. In attendance were Mark Girod, Elisa Maroney, Scott Beaver, Shaun Huston, Joe Harchanko (for Keller Coker), Zhuoming "Joe" Peng, Bob Hautala, Roy Bennett, Klay Kruczek, Bryan Dutton, David Murphy, Cheryl Davis, Sue Dauer, Wangeci Gatimu, WOU President John Minahan, Peter Courtney, Jennifer Hansen, Nancy France, Judy Vanderburgh
Dean of library, Steve Taylor, and Jeff Templeton

II. The minutes from the Faculty Senate meetings of 5/13/08 were approved by unanimous voice vote.

III. Faculty Senate President Mark Girod's Report

Faculty Senate still in need of secretary. Still no takers. Joe Harchanko agreed to take notes for the summer meeting. Executive session approved new education class that was previously a special topics, and approved prerequisites in Spanish and German.

President John Minahan's Report

WOU finished the financial year with 15% fund balance. Complete report on projects is forthcoming. Dorm rates are increasing. We have a current deficit of 50 beds for the fall, prompting plans to reactivate Maske earlier than planned to accommodate demand for dorms. An \$11 million bond authority to cover new residence hall. It would be 250 beds. A request to the board will ask for \$17 million to expand plan. Planning to build by 2010.

Data on enrollment for last academic year shows that we are very close to our highest average ever. We are down 3% for summer enrollment.

The Chancellor's management team for small universities came up with no usable recommendations. Recommendations for registration and optical image scanning would result in cost increase over current methods.

Management and Systems Information degrees should be approved Friday July 11.

We are looking for opportunities for naming buildings. Nursing building is ahead of schedule. Natural Science will be finished with in the next 30 days.

Peter Courtney presented a poster created by the Oregonian newspaper commemorating the recent and now famous episode at the WOU vs. Central Washington women's softball game. The Oregonian will send a copy of the poster to every high school in Washington and Oregon. The event was nominated for an ESPY award for Sports Event of the Year.

Staff Senate President Alice Sprague's Report

Jennifer Hanson was introduced as new staff senate president.

ASWOU President Max Beach: No Report
Hilda Rosselli, Provosts' Council Report: No Report

IV. Old Business

Committee on Committees recommendation regarding Faculty Awards:

Elisa Maroney stated that the Committee was charged with deciding about what to do with awards given to faculty. The committee on committees recommended a new committee. There was concern expressed about the committee's representation concerning professional programs. Bryan Dutton suggested the scope of the new committee would be a short-term commitment concerned only with addressing awards issues. Bob Hautala asked if we need a whole new committee, citing that some departments have trouble filling existing slots.

In response, Elisa stated that the new committee would not meet regularly, but as needed to handle scholarship and teaching awards. It would be a short investment of time to meet obligations. Its role would pull responsibility out of other committees. Part of the new committee's charge would be to come up with criteria for awards.

Approval of a new Graduate Performance Certificate in Music was passed with a unanimous voice vote

IIFS replacement: Ike Nail and Mark Perlman were nominated to fill vacancy on IIFS. Mark Girod stated that he would contact the nominees for further discussion.

Secretary election: Suggestions included a rotating secretary suggested and a paid position for someone from Institutional and Teaching Research to take notes that would be passed on to executive committee. No final decisions were made.

V. New Business

Committee on committees: Bryan Dutton, Ryan Hickerson, Shaun Huston, Sue Dauer, and Bob Hautala were voted to fill vacancies on the Committee on Committees.

Program changes from Earth Science:

Four new courses were proposed consisting of a 100 level ES199 Special Topics (4 credits), and three new upper division courses: ES 304 Looking at fossils, ES341 Fundamentals of Geographic Information Systems, a Course in Volcanology and a Course in Seismology.

Rotation would not require additional FTE.

Eight courses would have title and description changes.

Changes to Earth Science major and minor, Earth System Science Minor, and Geology Minor were proposed.

The changes were referred for a vote in fall. Refer to Appendix A for details.

The meeting was then adjourned.

Memorandum

Earth Science Program - Earth and Physical Sciences Department

From: Earth Science Faculty Members (J. Myers, S. Taylor, and J. Templeton)
To: NSM Division Curriculum Committee, Division/Department Chairs, Campus Curriculum Committee, Faculty Senate, WOU Administration
Date: April 30, 2008
Re: Proposed modifications to Earth Science courses, major, and minors

We have enclosed proposed modifications to the Earth Science curriculum for review by the WOU campus community. The proposed curriculum changes are summarized as follows: 1) permanent course changes and approvals, 2) modifications to the Earth Science Major, and 3) modifications to the Earth Resources, Earth System Science, and Geology Minors. The Earth Science Major was extensively reorganized in 2000, a process that was reviewed and formally approved by the WOU curriculum committee, faculty senate, administration, and OUS board. The changes proposed herein represent a fine-tuning of Earth Science curriculum, the goal of which is to strengthen and modernize the major to best serve student needs.

1) Permanent Course Changes and Approvals:

- Add new course: ES 199 – Special Topics in Earth System Science (4 cr)
- Change description to ES 203/203L – Principles of Geology
- Add new course: ES 304 – Survey of the Fossil Record (3 cr)
- Change course title, number, description, and number of credit hours for ES 303 – Geo-Techniques: Petrographic Microscopy (1 cr) to ES 301 – Petrographic Microscopy (2 cr)
- Change course title, number, description, and number of credit hours for ES 301 – GeoTechniques: Quantitative Applications (1 cr) to ES 302 – Quantitative Methods (2 cr)
- Change course number and title for ES 302 – GeoTechniques: Geology in the Field to ES 303 – Geologic Field Techniques
- Add new course: ES 341 – Fundamentals to Geographic Information Systems (4 cr)
- Change description to ES 351 – Geology for Educators
- Add new course: ES 354 – Volcanoes and Earthquakes (3 cr)
- Modify prerequisites and description for ES 392 – Sedimentary Geology
- Change number of credits for ES 454/554 – Volcanology from 3 cr to 4 cr
- Modify prerequisites for ES 492/592 – GIS Applications in Earth Science

These changes will have minimal impact on faculty FTE and will not require any new faculty lines in Earth Science. In addition, the proposed modifications will have no impact on campus scheduling or room assignments as most of the impacted classes are taught in the dedicated Earth Science Lab (NS 218) or NS 101 in the late afternoon and evening hours. More detailed justification statements for these course changes are provided on the attached curriculum change forms.

The modifications to the Earth Science Major and the Earth Resources, Earth System Science, and Geology Minors are summarized and justified, where appropriate, below.

2) Modifications to the Earth Science Major:

- **Change required number of credits from 74-75 to 73-78.** The change in the number of credits is necessary to accommodate the various curriculum modifications proposed herein.
- **Remove the CS 161 and CS 162 (Computer Science I and II) option from the Earth Science Major.** As originally conceived in 2000, the Earth Science Major was designed with two quantitative-skills options, CS 161-162 (Computer Programming) or MTH 251-252 (Calculus). During the past eight years, the scope and focus of CS 161 and CS 162 have changed to provide more of a starting foundation for the computer science majors, rather than a general elective for non-CS majors. Few Earth Science students have elected to take the CS option since its inception, and the CS 161-162 course content is no longer applicable to our major. For these reasons, we would like to eliminate the CS 161-162 option from the Earth Science Major.
- **Add three Math options for students to choose from in Major.** In addition to eliminating the CS option in the major, we propose to create three Math options for students to choose from. The three options will be (A) MTH 112-MTH 243, (B) MTH 243-MTH 251, and (C) MTH 251-MTH 252. We are modeling and adopting best practices from the Biology Major. Having three math options, will provide greater flexibility for students majoring in Earth Science.
- **Changes in “GeoTechniques” courses (ES 301-303).** Remove ES 301, 302, 303 GeoTechniques (3 cr) from Earth Science Major and replace with ES 301 Petrographic Microscopy (2 cr) and ES 302 Quantitative Methods (2 cr). These changes are needed to update the catalog to reflect operating procedures that have been completed via “Request for Temporary Course Approval” for the past two years. These changes will align course

numbering to follow fall-winter-spring rotation, thus improving sequencing through the Earth Science degree. The change from one three-hour lab per week (1 cr.) to one hour of lecture and two hours of lab per week (2 credits) will allow for greater class productivity with two class meetings per week, and increasing the number of credits will bring these courses more in line with the workload. The “Geology in the Field” course is no longer being offered on a regular basis, so we need to remove this from the Earth Science Major, but retain it as an option for future use.

- **Change the Computer Science requirement for the B.S. and B.A degree requirements.** In the notes section, we propose to change the Computer Science requirement to “completion of 2 to 4 credit hours of Computer Science coursework depending on the chosen Math option”. Students working towards the B.S. and B.A. degrees will complete MTH 112, MTH 243, MTH 251, and/or MTH 252 for a total of 8-10 hours. They will need to complete 2 to 4 credit hours of Computer Science to fulfill the Math and Computer Science graduation requirement of 12 credits.
- **Replace WR 321 with WR 322 in notes section.** *“For this major, 4 hours of Writing Intensive course work should come from WR 322 (Technical Writing).”* This change is necessary because the English Department recently split the old WR 321 (Business and Technical Writing) into two courses.
- **Changes to “Choose 1 course in Volcanology/Petrology” section of ES major:**
 - Add the new course ES 354 Volcanoes and Earthquakes (3 cr) to increase potential electives options for Earth Science majors.
 - Change number of credits from (3) to (3-4) to accommodate increase in credits from 3 to 4 for ES 454.
- **Changes to “Choose 1 course in Environmental Geology/Surface Processes” section of ES major:**
 - Add the new course ES 341 Introduction to Geographic Information Systems to increase potential electives options for Earth Science majors.
 - Change number of credits from (3) to (3-4) to accommodate the new 4-credit course ES 341.
- **Change to “Choose 1 course in Sedimentology/Paleobiology” section of ES major:**
 - Add the new course ES 304 Survey of the Fossil Record (3 cr) to be offered in 3 year rotation with ES 431 and ES 491/591.

3a) Modifications to the Earth Resources Minor:

- Remove ES 454 Volcanology and ES 460 Energy and Mineral Resources from list of required courses. Instead, add list of limited electives to include ES 321 Structural Geology, ES 354 Volcanoes and Earthquakes, ES 454 Volcanology, and ES 460 Energy and Mineral Resources. This list of limited electives will allow students greater flexibility to successfully complete this minor and increase the breadth of Earth Resources courses in the minor.
- Add ES 341 Introduction to Geographic Information Systems to electives list.
- Modify number of credit hours for minor from 27 to 27-30 to accommodate the above changes. The total number of courses required to complete this minor will remain the same, but the number of credit hours will possibly increase depending on whether students complete 3 or 4 credit hour courses.

3b) Modifications to the Earth System Science Minor:

- Create four sets of related elective courses for students to choose from for this minor. These lists of limited electives will allow students greater flexibility to successfully complete this minor and increase the breadth of Earth system courses in the minor.
 - Choose two courses from the following list: ES 331, ES 390, GS 351
 - Choose one course from the following list: ES 341, ES 473, ES 476, ES 492
 - Choose one course from the following list: ES 354, ES 454, ES 460
 - Choose one course from the following list: ES 304, ES 431, ES 453, ES 491
- Modify number of credit hours for minor from 27 to 25-28 to accommodate the above changes. The total number of courses required to complete this minor will remain the same, but the number of credit hours will possibly increase depending on whether students complete 3 or 4 credit hour courses.

3c) Modifications to the Geology Minor:

- Remove ES 301, 302 303 GeoTechniques (3 cr) from Geology minor. Replace with ES 301 Petrographic Microscopy (2 cr) and ES 302 Quantitative Methods (2 cr). Refer to justification statement above in Earth Science Major for rationale for making this change.
- Increase number of credit hours for minor from 27 to 28 to accommodate the course change in hours. While the number of credit hours will increase by one, the total number of courses required to complete this minor will decrease by one.

The administrative routing sheets and request forms for the proposed curriculum changes are attached.

