

IDAHO STATE UNIVERSITY
ACTIONS OF THE GRADUATE COUNCIL
Memorandum No. 876
Meeting of March 4, 2009

MEMBERS PRESENT: Brian Attebery, Kenneth Khang, Fred Risinger, Mark Neill, Marco Schoen, Gesine Hearn, Rosemary Smith, Nicole Hill, Alex Urfer, Linda Smith (alternate), Tom Jackson (presiding), Deb Easterly (ex officio), Cynthia Pemberton (ex officio)

MEMBERS EXCUSED/ABSENT: Karen Scott, Lisa Salazar

GUESTS: Ms. Bernadette Howlett; Dr. Nancy Glenn

I. ANNOUNCEMENTS

- A. Dean Jackson welcomed Linda Smith as alternate for Karen Scott. A letter from Dr. Stephanie Peterson was distributed to Council members regarding her resignation from the Graduate Council. Dean Jackson introduced and welcomed Dr. Mark Neill as the newly elected Graduate Council representative from the College of Education. Dean Jackson reported on the recruitment presentation made to the Executive Council.
- B. Dr. Pemberton's remarks were confined to the discussion regarding Graduate Faculty Status Report later in the meeting.

II. MINUTES

Memorandum #875 was MSC (8y, 0n, 2ab) to approve.

III. COUNCIL BUSINESS

- A. Ms. Bernadette Howlett, Research Assistant Professor, Department of Physician Assistant Studies, presented the current situation regarding students' defense of their Master Project and distance learning technology. There are currently 60 students in the program and the defense process takes approximately 12 weeks to accommodate all students. The current defense focuses on clinical decision-making, not research. Council is comfortable with a distance audio-visual conference defense, however they are uncomfortable with a telephone conference defense, especially where the student is the one on the telephone. The Council asked Dean Jackson to draft a letter that includes information from the Graduate

Catalog, that a telephone conference for the defense would be a last resort, and that prior notification to the Graduate School must be given before such a defense. Dean Jackson also distributed letters from Dr. Paul Jantz (School Psychology) and Dr. S. Naidu (Engineering) requesting permission from the Council regarding distance defense via the internet and Skype. Council approved these defenses.

- B. Nancy Glenn, Ph.D., Research Assistant Professor, Department of Geosciences presented the rationale for the NOI: Ph.D. in Geosciences. Council will consider her comments, continue review of the document, and discuss and vote at the next regular Council meeting.
- C. Linda Smith made the following motion for a modification to the Graduate Council bylaws: in Section 8, change the number “9” to “10”; in Section 2, change the number “9” to “10”, both sections to include one representative from the College of Technology. It was MSC (9y, 0n, 0ab) to approve. These modifications will be taken before the Graduate Faculty for a vote.
- D. Graduate Faculty Status Subcommittee Report review. Discussion was held on the review of the draft and the two application forms. It was decided minimal revisions were required and would be made by Dr. Pemberton as directed by Council. The revised draft will be sent to Council members for review and discussion, and possible vote at the next Graduate Council meeting.
- E. Graduate Faculty Nomination Department of English and Philosophy: It was MSC (10y, 0n, 0ab) to approve **Dr. Angela Petit’s** nomination to the Graduate Faculty.

Petit, Angela, Assistant Professor, English and Philosophy. B.A., 1989, Louisiana State University; M.A., 1992, Louisiana State University; Ph.D., 1999, The University of Southern Mississippi.(2008)

- F. Graduate Faculty Nomination Department of Electrical Engineering: It was MSC (10y, 0n, 0ab) to approve **Dr. Wei Pan’s** nomination to the Graduate Faculty.

Pan, Wei, At-Large Graduate Faculty, Electrical Engineering. B.S., 1989, Zhejiang University; M.S., 1992, Zhejiang University; Ph.D., 1996, Zhejiang University.(2008)

- G. Graduate Faculty Nomination Department of Management: It was MSC (10y, 0n, 0ab) to approve **Dr. Gregory B. Murphy’s** nomination to the Graduate Faculty.

Murphy, Gregory B., Associate Professor, Management. B.A., 1985, Weber State University; M.S., 1989, University of Central Texas; Ph.D., 1996, University of Houston.(2008)

- H. Graduate Faculty Nomination Department of Finance: It was MSC (10y, 0n, 0ab) to approve **Dr. Mukunthan Santhanakrishnan's** nomination to the Graduate Faculty.

Santhanakrishnan, Mukunthan, Assistant Professor, Finance. B.S., 1994, Birla Institute of Technology and Science; MBA, 1997, Cleveland State University; Ph.D., 2003, Arizona State University.(2003)

- I. Graduate Faculty Nomination Department of Educational Learning and Development: It was MSC (10y, 0n, 0ab) to approve **Dr. Paul B. Jantz'** nomination to the Graduate Faculty.

Jantz, Paul B, Assistant Professor, School Psychology. B.M.E., 1976, University of Wyoming; M.A., 1988, University of Northern Colorado; Ph.D., 1994, University of Northern Colorado.(2005)

- J. Graduate Faculty Nomination Department of Educational Foundations: It was MSC (10y, 0n, 0ab) to approve **Dr. Shu-Yuan Lin's** nomination to the Graduate Faculty.

Lin, Shu-Yuan, At-Large Graduate Faculty, Educational Foundations. B.A., 1985, Chunghsing University, Taiwan; M.Ed., 1993, University of Houston; Ed.D., 2003, Idaho State University.(2003)

- K. Graduate Faculty Nomination Department of Educational Leadership: (Dr. Easterly excused herself from the remainder of the Graduate Council meeting at this time.) It was MSC (9y, 0n, 0ab) to approve **Dr. Debra M. Easterly's** nomination to the Graduate Faculty.

Easterly, Debra M., At-large Graduate Faculty, Educational Leadership. B.S., 1979, Iowa State University; M.Ed., 1998, Ed.D., 2006, Idaho State University.(2008)

- L. Curriculum Issue: Department of Physician Assistant Studies (**PAS 643; PAS 647**). It was MSC (9y, 0n, 0ab) to approve all changes in the package.

Change: PAS 643 new course; PAS 647; PAS 648; PAS 649 drop (only reflected in the following listing):

Summer Semester

PAS 639	Dermatology Module	1 cr
PAS 641	Orthopedics Module	1 cr
PAS 643	Genitourinary Module	3 cr
PAS 646	Neurology Module 2 cr	
PAS 650	Obstetrics/Perinatology Module	1 cr
PAS 651	Pediatrics Module	1 cr
PAS 652	Geriatrics Module	1 cr
PAS 653	Surgery Module	2 cr
PAS 654	Emergency Medicine Module	2 cr
PAS 656	Alternative/Occupational Medicine Module	1 cr
PAS 657	Comprehensive Evaluation	1 cr
Total Credits		16 cr

- M. Commencement Exceptions document. There were no changes from the Council and they felt the statement meets the needs of the current students. It was MSC (9y, 0n, 0ab) to approve for this semester and for future semesters.
- N. Dean Jackson distributed a list of exams that required GFRs, and stated he will be emailing the list to Council members.
- O. At this time Dean Jackson excused himself from the meeting. Dr. Pemberton distributed Dean Evaluation forms to the Council to be completed and returned to the office of Academic Affairs.

Meeting was adjourned at 5:00 p.m.

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IDAHO STATE UNIVERSITY
ACTIONS OF THE GRADUATE COUNCIL
Memorandum No. 875
Meeting of February 18, 2009

MEMBERS PRESENT: Brian Attebery, Kenneth Khang, Fred Risinger, Karen Scott, Marco Schoen, Gesine Hearn, Rosemary Smith, Nicole Hill, Alex Urfer, Lloyd Peterson (alternate), Tom Jackson (presiding), Deb Easterly (ex officio), Cynthia Pemberton (ex officio)

MEMBERS EXCUSED/ABSENT: Stephanie Peterson, Lisa Salazar

GUESTS: None

I. ANNOUNCEMENTS

- A. Dr. Jackson welcomed Lloyd Peterson as alternate for Stephanie Peterson.
- B. Dr. Pemberton's remarks were confined to the discussion regarding Graduate Faculty Status Report later in the meeting.

II. MINUTES

Memorandum #875 was MSC (9y, 0n, 1ab, 1 didn't vote) to approve with the following amendment in "Announcements, A." proposed by Gesine Hearn: "Graduate Council agreed with the 4-digit course numbering system presented by the Registrar."

III. COUNCIL BUSINESS

- A. Graduate Faculty Status Subcommittee Report review. Discussion was held on the review of the draft. Concerns about GFR participation, thesis chairing, and efficiency of application process were presented. Dr. Pemberton will compile the suggestions and edit the current draft. The modified draft will be sent to Council members for review and discussion at the next Graduate Council meeting.

- B. Graduate Faculty Nomination Department of Biological Sciences: It was MSC (10y, 0n, 0ab) to approve **Dr. Dring N. Crowell's** nomination to the Graduate Faculty.

Crowell, Dring N., Professor, Biological Sciences. B.S., 1981, Illinois State University; Ph.D., 1987, University of Wisconsin-Madison. (2008)

- C. Curriculum Issue: Department of Civil and Environmental Engineering (**ENGR 652**). It was MSC (10y, 0n, 0ab) to approve the proposal

Change: course description

ENGR 652 Special Problems 1-3 credits. Special experimental, computational, or theoretical investigation leading to development of proficiency in some area of engineering. Formal report required. PREREQ: PRIOR PROJECT APPROVAL REQUIRED BY AN ENGINEERING FACULTY. May be graded S/U. May be repeated.

- D. Curriculum Issue: Department of Civil and Environmental Engineering (Program change). It was MSC (10y, 0n, 0ab) to approve changing the program description of an interdisciplinary program moved from the Graduate School to the College of Engineering.

Catalog description revision:

Master of Science in Environmental Science and Management

Program Objectives:

The Environmental Science and Management (ENSM) Program is an interdisciplinary program designed to allow students to combine courses in environmental engineering with related courses in an interdisciplinary area of emphasis. Interdisciplinary course work may come from a combination of courses from the following emphasis areas: Geosciences, Biological Sciences, Chemistry, Mathematics, Physics, Pharmaceutical Sciences, Political Science, and Business. Students may also choose Environmental Engineering as the academic emphasis; thus maintaining the entire program of study within the Department of Civil and Environmental Engineering. The ENSM program is jointly sponsored by the University of Idaho, and some of the courses are cross-listed. Students must complete at least ten credits in an interdisciplinary discipline (academic emphasis), and satisfy all departmental and Graduate School requirements.

Students entering the ENSM program are required to obtain interdisciplinary admission into the Department of Civil and Environmental Engineering and one other academic discipline (emphasis). Admission requirements vary between academic units, and there may be departmental requirements beyond those of the Department of Civil and Environmental Engineering which the student must fulfill to gain departmental admission. At least 30 credits are required for the degree, of which at least 15 must be at the 600 level. At least 10 credits must be completed within the academic emphasis, with the remainder of the course work representing ENSM course work. No more than 9 credits may be transferred from another university, with the exception of courses from the University of Idaho, which will be accepted as resident credits. Students must have successfully completed course work equivalent to Idaho State University's MATH 160 (Brief Calculus) and Idaho State University's CHEM 111/112 (General Chemistry) with grades of "C" or better. Students with pre-requisite course deficiencies may be admitted as Classified with Performance Requirements with the understanding that these requirements must be satisfied prior to graduation, and such efforts may not necessarily count toward graduation. Conditional admission into the ENSM program is the prerogative of individual departments.

Thesis and non-thesis options are available for the ENSM degree. For the thesis option, a maximum of ten thesis credits may be counted toward the degree. For the non-thesis option, a maximum of three “Special Project” credits may be counted toward the degree. These credits may apply toward the requirement of 15 credits at the 600 level. There are program-wide and department-specific requirements for the thesis and non-thesis options, and students must create a program of study in conjunction with their advisory committee. Students will register for thesis credits or non-thesis project credits in the home department of the thesis/project advisor. Some departments’ “Special Project” courses may have a different title and/or course number.

Within the framework of the basic degree requirements, an advisory committee is chosen to work with the student to create an individualized program of study. The advisory committee consists of two faculty advisors: one from the Department of Civil and Environmental Engineering (CEE), and one from the student’s other academic discipline (emphasis). The student’s major advisor provides direction to the student regarding all relevant aspects of the program. All courses selected for fulfillment of the program of study must be approved by the advisory committee. The initial program of study must be submitted to the ENSM program director no later than the second semester of enrollment. Changes in the initial program of study may only be made with the approval of the student’s advisory committee. The final program of study is submitted to the Graduate School for graduation clearance in accordance with Graduate School policy.

Required Courses

The following courses are required for every student receiving the M.S. degree in Environmental Science and Management.

ENVE g510	Introduction to Environmental Engineering	3cr
ENGR 655*	Environmental Topics Seminar	1cr
and		
ENGR 650**	Thesis	1-6cr
or		
ENGR 660**	Special Project	3cr

*Course must be completed two times in order to satisfy requirement. A student may choose a seminar other than ENGR 655 offered in his/her interdisciplinary discipline with approval of the advisory committee.

** Students will register for thesis or non-thesis “Special Project” credits in the home department of the thesis/non-

thesis project advisor. Some departments’ “Special Project” courses may have a different title and/or course number.

In addition, the following courses are required for students choosing chemistry, environmental engineering or mathematics as the second academic emphasis. Course work in other emphasis areas will be selected from elective course work with the approval of the advisory committee.

Chemistry Emphasis

CHEM g535	Environmental Chemistry	2cr
CHEM g537	Environmental Chemistry Laboratory	2cr

Environmental Engineering Emphasis

ENVE g508	Water and Wastewater Quality	3 cr
ENVE g509	Water and Wastewater Laboratory	1cr
ENVE g504	Environmental Risk Assessment	3cr

Mathematics Emphasis

MATH g521	Advanced Engineering Mathematics I	3cr
MATH g522	Advanced Engineering Mathematics II	3c
and		
MATH g565	Partial Differential Equations	3cr
or		
MATH 664 and MATH 665	Applied Mathematics	6cr

Elective Courses

Students will select a core of courses from the following list. (Students may select one or more courses not on this list, with the approval of the advisory committee, for the purpose of focusing students in a particular direction not covered by this abbreviated list.)

Chemistry Electives

CHEM g507	Inorganic Chemistry II	2cr
CHEM 601	Seminar	1cr
CHEM 609	Advanced Inorganic Chemistry	3cr
CHEM 630	Advanced Analytical Chemistry	3cr
CHEM 621	Organic Reactions	3cr
CHEM 655	Advanced Physical Chemistry	3cr
CHEM 671	Advanced Organic Chemistry	3cr

Environmental Engineering Electives

ENVE g508	Water and Wastewater Quality	3cr
ENVE g509	Water and Wastewater Quality Laboratory	1cr
ENVE g530	Air Pollution and	

	Solid Waste	3cr	GEOL g509	Remote Sensing	3cr
ENVE 610	Introduction to Radioactive Waste Management	3cr	GEOL g515	Quaternary Global Change	3cr
ENVE 611	Treatment Systems for Environmental Remediation	3cr	GEOL g516	Global Environmental Change	3cr
ENVE 615	Water Quality Modeling and Control	3cr	GEOL g520	Principles of Geochemistry	3cr
ENVE 617	Environmental Systems Engineering and Design	3cr	GEOL g530	Principles of Hydrogeology	3cr
ENVE 629	Physical and Chemical Treatment of Water and Wastewater	3cr	GEOL g554	Basic Engineering Geology	3cr
ENVE 630	Air Pollution and Control	3cr	GEOL g583	Earthquake Engineering	3cr
ENVG 606	Environmental Law and Regulation	3cr	GEOL 602	Advanced Geomorphology	3cr
CE 599	Open Channel Flow	3cr	GEOL 606	Geostatistical Spatial Data Analysis and Modeling	4cr
CE g535	Hydraulics Design	3cr	GEOL 617	Environmental Geochemistry	3cr
CE g554	Basic Engineering Geology	3cr	GEOL 625	Quantitative Geochemistry Laboratory	3cr
CE g555	Geologic Data Methods	3cr	GEOL 630	Advanced Hydrogeology	3cr
NSEN 618	Treatment of Low Level Radioactive Waste	3cr		Approved Engineering Electives	6 cr
NSEN 619	Treatment of High Level Radioactive Waste	3cr		Approved Technical Electives	6 cr
				ENGR 650 Thesis	6 cr
				ENGR 651 Seminar	2 cr

Geosciences Electives

GEOL g504	Advanced Geographic Information Systems	3cr
GEOL g506	Environmental Geology	3cr

Certificate Program in Applied Nuclear Energy (font change)

- E. NOI: Discontinue DA degree in English. The Dean asked for a change in the agenda to move item to the beginning of the agenda; it was approved. Dr. Jackson reminded the Graduate Council that the Ph. D. program in English has been approved by the State Board of Education. The DA degree will be discontinued and no new students will be admitted to the program. In addition, current D.A. students have the following options: (a) to continue and finish the DA degree, or (b) change to the Ph.D. degree. It was MSC (10y, 0n, 0ab) to approve the NOI to discontinue the DA degree in English.
- F. At-Large Graduate Assistants. A brief discussion regarding the Graduate Assistant Teaching Experience (GATE) At-large Assistantship proposal draft was held. Dr. Jackson stated that the intent would be for these assistantships to be for teaching, and that funding support will remain at the Master's level.
- G. The Commencement Exceptions discussion was postponed until the March 4 Graduate Council meeting.
- H. The Draft of Course Types discussion was postponed until the March 4 Graduate Council meeting.
- I. NOI: Ph.D. in Geosciences (distribution only; discussion to be held at the March 4 meeting.)

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IDAHO STATE UNIVERSITY
ACTIONS OF THE GRADUATE COUNCIL
Memorandum No. 874
Meeting of February 4, 2009

MEMBERS PRESENT: Brian Attebery, Kenneth Khang, Fred Risinger, Karen Scott, Marco Schoen, Gesine Hearn, Rosemary Smith, Nicole Hill, Alex Urfer, Tom Jackson (presiding), Deb Easterly (ex officio), Cynthia Pemberton (ex officio)

MEMBERS EXCUSED/ABSENT: Stephanie Peterson, Lisa Salazar

GUESTS: Laura McKenzie, Registrar

I. ANNOUNCEMENTS

- A. Dr. Jackson welcomed Laura McKenzie, Idaho State University Registrar. Laura discussed BANNER implementation regarding course numbering. Graduate Council agreed with the 4-digit course numbering system presented by the registrar.
- B. Dr. Jackson reviewed for the Council the increase in Spring 2009 Semester enrollment at the doctoral and master's levels.
- C. Dr. Pemberton's remarks were confined to the discussion regarding Graduate Faculty Status Report later in the meeting.

II. MINUTES

Memorandum #873 was MSC (8y, 0n, 2ab, 1 didn't vote) to approve.

III. ONLINE BUSINESS

- A. Graduate Faculty Nomination Department of Biological Sciences: It was MSC (10y, 0n, 1 didn't vote) to approve **Dr. Jean C. Pfau's** nomination to the Graduate Faculty.

Pfau, Jean C., Assistant Professor, Biological Sciences. B.A., 1978, University of Montana; Ph.D., 1998, University of Montana. (2008)

- B. Graduate Faculty Nomination Department of Biological Sciences: It was MSC (10y, 0n, 1 didn't vote) to approve **Dr. Bruce P. Finney's** nomination to the Graduate Faculty.

Finney, Bruce P., Professor, Biological Sciences. B.S., 1979, University of Montana; Ph.D., 1987, Oregon State University. (2008)

- C. Graduate Faculty Nomination Department of Biological Sciences: It was MSC (9y, 0n, 1ab, 1 didn't vote) to approve **Dr. Yongsheng Ma's** nomination to the Graduate Faculty.

Ma, Yongsheng, Assistant Professor, Biological Sciences. M.D., 1982, Lanzhou Medical School; Ph.D., 1994, New York University. (2008)

- D. Graduate Faculty Nomination Department of Biological Sciences: It was decided to table **Dr. Dring N. Crowell's** nomination to the Graduate Faculty until the next meeting because the vita information was not available online for all Council members to review.

- E. Graduate Faculty Nomination Department of Biological Sciences: It was MSC (10y, 0n, 1 didn't vote) to approve **Dr. Janet L. Loxterman's** nomination to the Graduate Faculty.

Loxterman, Janet L., Assistant Professor, Biological Sciences. B.S., 1992, Lehigh University; M.S., 1995, Virginia Commonwealth University; Ph.D., 2001, Idaho State University. (2008)

- F. Graduate Faculty Nomination Department of History: A vote was taken during the meeting after Dr. Hinman's vita was reviewed. It was MSC (9y, 0n, 0 didn't vote) to approve **Dr. Sarah E. Hinman's** nomination to the Graduate Faculty.

Hinman, Sarah E., Assistant Professor, History. B.A., 2000, Mary Washington College; M.A., 2002, Ohio University; Ph.D., 2007, Louisiana State University. (2007)

IV. COUNCIL BUSINESS

- A. Course Numbering, Laura McKenzie, Registrar. Discussion was moved to the beginning of the Council meeting (see previous mention).
- B. Graduate Faculty Task Force Report review. Discussion was held on the review of the draft. Dr. Pemberton and Dr. Attebery will implement the suggestions and edit the current draft. Their modified draft will be sent to Council members for review with the intent to vote on the draft at the next Graduate Council meeting.
- C. Discussion regarding the At-large Assistantships was tabled until the next meeting.

D. Discussion regarding Commencement Exceptions was tabled until the next Council meeting.

Meeting adjourned 4:50 p.m.

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