

Ogden College of Science and Engineering
Western Kentucky University
Office of the Dean
745-6371

REPORT TO THE GRADUATE COUNCIL COMMITTEE

DATE: October 25, 2013

FROM: Ogden College of Science and Engineering

The Ogden College of Science and Engineering submits the following items for consideration at the October meeting:

Consent	Delete a Course MATH 475G, Topics of Mathematics Contact: Claus Ernst, claus.ernst@wu.edu , 56224
Consent	Delete a Course MATH 530, Mathematical Statistics Contact: Claus Ernst, claus.ernst@wu.edu , 56224
Consent	Delete a Course MATH 560, Functional Analysis Contact: Claus Ernst, claus.ernst@wu.edu , 56224
Consent	Proposal to Revise Course Catalog Listing MATH 417G Contact: Dominic Lanphier, dominic.lanphier@wku.edu , 56233

MINUTES – OCSE Graduate Curriculum Committee

September 27, 2013

Members Present: Dr. Ferhan Atici; Dr. Michael Smith; Dr. Raja Dakshinamurthy; Dr. Zhonghang Xia; Dr. Shane Palmquist; Dr. Ivan Novikov

Cathleen Webb, Chair

Visitor: Dr. Kevin Cary, Dr. Greg Arbuckle (for Daniel Jackson)

OLD BUSINESS

No old business. Minutes for the April 23 and September 27 meeting will be presented at the next meeting.

NEW BUSINESS

Consent Agenda

Arbuckle/Dakshinamurthy, moved approval of the Consent Agenda. Motion approved.

Action Agenda

Department of Biology

Arbuckle/Palmquist moved approval of the proposal to create a new course, CHEM 457G, Herpetology. Motion passed with suggested amendments.

Department of Geography and Geology

Arbuckle/Smith moved approval to create a New Academic Degree Type, Masters of Professional Studies in Geographic Information Science and Technology. Motion passed.

MINUTES – OCSE Graduate Curriculum Committee

April 27, 2012

Members Present: Dr. Mark Doggett, Dr. Larry Alice, Dr. Bangbo Yan, Dr. Guangming Xing, Dr. David Keeling, Dr. Mark Robinson.

The meeting was conducted via Blackboard.

OLD BUSINESS

Keeling/Doggett moved approval of the minutes from the March 23, 2012, meeting. Motion passed.

NEW BUSINESS

Consent Agenda

Department of Chemistry

Keeling/Alice moved approval of the proposal to delete a course, CHEM 589, Internship in Chemistry II. Motion passed.

Action Agenda

Department of Chemistry

Keeling/Alice moved approval of the proposal to create a new course, CHEM 588, Research Proposal. Motion passed.

Keeling/Alice moved approval of the proposal to revise a program, Ref. #059, Master of Science in Chemistry. Motion passed.

February/7/2013

**Ogden College of Science and Engineering
Department of Mathematics
Proposal to Delete a Course
(Consent Item)**

Contact Person: Claus Ernst, claus.ernst@wku.edu, 56224

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: MATH 475G
- 1.2 Course title: Topics of Mathematics
- 1.3 Credit hours: 3

2. Rationale for the course deletion: This course has not been offered in more than 5 years, and there are no plans to offer the course in the future.

3. Effect of course deletion on programs or other departments, if known: This course is not required in the mathematics master program and so its deletion will have no effect on program completion.

4. Proposed term for implementation: Spring, 2014

5. Dates of prior committee approvals:

Department of Mathematics: 2/15/2013

OCSE Graduate Committee _____

Graduate Council _____

University Senate _____

Attachment: Course Inventory Form

February/7/2013

**Ogden College of Science and Engineering
Department of Mathematics
Proposal to Delete a Course
(Consent Item)**

Contact Person: Claus Ernst, claus.ernst@wku.edu, 56224

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: MATH 530
- 1.2 Course title: Mathematical Statistics
- 1.3 Credit hours: 3

2. Rationale for the course deletion: This course has not been offered in more than 5 years, and there are no plans to offer the course in the future.

3. Effect of course deletion on programs or other departments, if known: This course is not required in the mathematics master program and so its deletion will have no effect on program completion.

4. Proposed term for implementation: Spring, 2014

5. Dates of prior committee approvals:

Department of Mathematics: 2/15/2013

OCSE Graduate Committee _____

Graduate Council _____

University Senate _____

Attachment: Course Inventory Form

February/7/2013

**Ogden College of Science and Engineering
Department of Mathematics
Proposal to Delete a Course
(Consent Item)**

Contact Person: Claus Ernst, claus.ernst@wku.edu, 56224

1. Identification of course:

- 1.1 Current course prefix (subject area) and number: MATH 560
- 1.2 Course title: Functional Analysis
- 1.3 Credit hours: 3

2. Rationale for the course deletion: This course has not been offered in more than 5 years, and there are no plans to offer the course in the future.

3. Effect of course deletion on programs or other departments, if known: This course is not required in the mathematics master program and so its deletion will have no effect on program completion.

4. Proposed term for implementation: Spring, 2014

5. Dates of prior committee approvals:

Department of Mathematics: 2/15/2013

OCSE Graduate Committee _____

Graduate Council _____

University Senate _____

Attachment: Course Inventory Form

Proposal Date:10/09/2013

Ogden College
Department of Mathematics
Proposal to Revise Course Catalog Listing
(Consent Item)

Contact Person: Dominic Lanphier, 56233, dominic.lanphier@wku.edu

1. Identification of course:

- 1.1 Course prefix (subject area) and number: Math 417G
- 1.2 Course title: Algebraic Systems

2. Current course catalog listing:

Theory of groups

3. Proposed course catalog listing:

The theory of finite groups and related algebraic systems. Lagrange's Theorem, Sylow Theorems, and the structure of finite groups are studied. Applications of group theory to the study of algebraic problems and symmetry.

4. Rationale for revision of the course catalog listing:

The old listing lacks sufficient detail and is inflexible in that subjects other than group theory may be covered. The new listing is more accurate for a senior and first-year graduate-level algebra course and allows for a more flexible list of topics to be covered.

5. Proposed term for implementation:

Fall 2014

6. Dates of prior committee approvals:

Department of Mathematics

Ogden College Graduate Curriculum Committee

Professional Education Council (if applicable)

Graduate Council

University Senate

Provost

10/18/2013
