Graduate Council Minutes  
December 10, 2014

Present: Anderson, Blekic, Cruzan, Kinsella, Mukhopadhyay, Perlmutter, Petit, Robinson, Scheller, Schuler, Watanabe, Nelson, Harmon, Hanson, Holmes, Treece

Absent: Hatfield, Mildner, Everett

Guest: Christine Chaille, Curriculum and Instruction

Agenda

Minutes from November 26 meeting

Old Business

College of Liberal Arts and Sciences  
- CH 427/527 Instrumental Analysis Laboratory, 2 credits – change course description and prereqs, change hours from 2 to 4

Graduate School of Education  
- ELP 490/590 Permaculture and Whole Systems Design I, 4 credits – new course  
- ELP 491/591 Permaculture and Whole Systems Design II, 4 credits – new course

New Business

Graduate School of Education  
- Graduate Certificate in Deepening Understanding of Elementary Mathematics – new program  
- CI 511 DMI Building a System of Tens, 3 credits – new course  
- CI 512 DMI Making Meaning for Operations, 3 credits – new course  
- CI 513 DMI Reasoning Algebraically about Operations, 3 credits – new course  
- CI 514 DMI Patterns, Functions and Change, 3 credits – new course  
- CI 515 DMI Examining Features of Shape, 3 credits – new course  
- CI 516 DMI Measuring Space in One, Two, and Three Dimensions, 3 credits – new course  
- CI 517 DMI Working with Data, 3 credits – new course  
- CI 518 Implementing Mathematics Reform, 3 credits – new course  
- CI 519 Mathematics Leadership: Influencing and Facilitating Improvement, 3 credits – new course

Maseeh College of Engineering and Computer Science  
- MS in Electrical and Computer Engineering – change to existing program: add 10th track in Analog, RF and Microwave

Winter Term Petition Readers

The meeting was called to order at 12:31 p.m.

Minutes from November 26 meeting

It was moved (Schuler) and seconded (Cruzan) to approve the November 26 minutes as submitted. The motion was approved unanimously.
Graduate School of Education
- Graduate Certificate in Deepening Understanding of Elementary Mathematics for Teachers – new program
- CI 511 DMI Building a System of Tens, 3 credits – new course
- CI 512 DMI Making Meaning for Operations, 3 credits – new course
- CI 513 DMI Reasoning Algebraically about Operations, 3 credits – new course
- CI 514 DMI Patterns, Functions and Change, 3 credits – new course
- CI 515 DMI Examining Features of Shape, 3 credits – new course
- CI 516 DMI Measuring Space in One, Two, and Three Dimensions, 3 credits – new course
- CI 517 DMI Working with Data, 3 credits – new course
- CI 518 Implementing Mathematics Reform, 3 credits – new course
- CI 519 Mathematics Leadership: Influencing and Facilitating Improvement, 3 credits – new course

Perlmutter gave a summary of her panel’s review of the program and related courses. The panel suggested revisions to the certificate title and course titles; those suggestions were adopted. There were also issues related to a librarian statement, missing CV, and grading scale used for the courses, all of which were resolved. The only outstanding issue is a requested statement from the Mathematics department regarding potential overlap.

Chaille joined the meeting and provided an overview of the program. She said there have been ongoing efforts to develop this proposal due in part to TSPC’s recently approved Elementary Mathematics Instructional Leader Specialization. She said it serves a need for specialists in better teaching of elementary math and that the certificate would be an important credential.
- Hanson asked about discrepancies between course titles in the proposal and the individual course proposals. Chaille said she would work with others in GSE to provide clarification.

Chaille was excused.

It was moved (Perlmutter) and seconded (Watanabe) to approve the certificate and related courses pending the statement from Math and clarification about the course titles, but the motion was not voted on. There was considerable discussion about cultural competencies not being included in the curriculum as well as potential overlap with Math. GC members decided to wait for the Math department statement before proceeding.

Maseeh College of Engineering and Computer Science
- MS in Electrical and Computer Engineering – change to existing program: add 10th track in Analog, RF and Microwave

After discussion, it was moved (Sheller) and seconded (Anderson) to approve the proposal. The motion was approved unanimously.

College of Liberal Arts and Sciences
- CH 427/527 Instrumental Analysis Laboratory, 2 credits – change course description and prereqs, change hours from 2 to 4

Per Watanabe, the outstanding questions about use in the program (Chemistry grad students cannot apply this toward degree requirements) and UG/GR distinction have been answered.

It was moved (Cruzan) and seconded (Perlmutter) to approve the proposal. The motion was approved unanimously.

Graduate School of Education
- ELP 490/590 Permaculture and Whole Systems Design I, 4 credits – new course
- ELP 491/591 Permaculture and Whole Systems Design II, 4 credits – new course

The outstanding questions about these proposals have not been answered; Watanabe will follow up with the unit.

Winter Term Petition Readers
Hanson discussed the growing petition volume and asked for suggestions about ways to make the process more efficient for everyone while still having decisions every other week. Per input from the members, OGS will explore electronic options for reviewing petitions. For Winter term, the current process will be retained; petitions readers were identified.

The meeting was adjourned at 1:18 p.m.