

General Faculties Council
GRADUATE ACADEMIC PROGRAM SUBCOMMITTEE
Approved Minutes

Meeting #24
December 14, 2016, 2:00 – 4:00 p.m.

A167

Voting Members

Lisa Young, Co-Chair
Rob Kremer, Academic Co-Chair
Abubaker Abdelhafiz – left after Item 6
Jalel Azaiez
Lorraine Doepel
Cheryl Dueck
Lawrence Harder
Quentin Pittman
Angelique Saweczko

Non-Voting Members

Christine Johns
Tanya Zdorenko

Secretary

Susan Belcher

Scribe

Cherie Tutt

Regrets

David Nordstokke
Liza McCoy

Guests

Gopal Achari, Associate Dean (Graduate Programs), Schulich School of Engineering – present for Items 7a and 7b
Jaydeep Balakrishnan, Acting Director, PhD Program, Haskayne School of Business – present for Item 4
Pat Braul, Manager, Graduate Programs in Education, Werklund School of Education – present for Item 6
George Colpitts, Graduate Program Director, Department of History – present for Item 10
Kelly Hogle, Program Proposal Support Specialist – present for Items 7a and 7b
Michele Jacobsen, Associate Dean, Graduate Programs in Education, Werklund School of Education – present for Item 6
Ayodeji Jeje, Acting Head, Department of Chemical and Petroleum Engineering, Schulich School of Engineering – present for Item 7a and 7b
Gregory Morrow, Professor, Haskayne School of Business and Faculty of Environmental Design – present for Item 5
Elizabeth Oddone Paolucci, Graduate Program Director, Department of Community Health Sciences – present for Item 8
Lindsay Penner, Program Proposal Support Specialist – present for Items 6, 7a and 7b
Bill Rosehart, Dean, Schulich School of Engineering – present for Items 7a and 7b
Anuradha Sengupta, Associate Dean, International Foundations Program – present for Items 7a and 7b
Michael Sideris, Associate Head of Graduate Studies, Dept. of Geomatics Engineering – present for Item 9

Observers

Heather Smith-Watkins, Analyst, Planning and Reviews – present for Items 4 - 10

The Co-Chair called the meeting to order at 2:00 p.m. and confirmed quorum.

1. Approval of the Agenda

Moved/Seconded

That the Agenda for the December 14, 2016 Graduate Academic Program Subcommittee meeting be approved.

Carried

2. Remarks of the Co-Chair and Academic Co-Chair

The Co-Chair remarked that it is anticipated that the Committee will continue to have a busy meeting year with continued generation of new ideas, regular clean-up and Calendar changes moving through the governance system.

The Academic Co-Chair made no remarks.

3. Approval of the November 23, 2016 Meeting Minutes

Documentation for this item was circulated with the Agenda.

Moved/Seconded

That the Minutes of the Graduate Academic Program Subcommittee meeting held on November 23, 2016 be approved, with the requested amendment.

Carried

4. Recommendation of the Creation of new Specializations in the PhD in Management

Documentation for this item was circulated with the Agenda. Jaydeep Balakrishnan, Acting Director, PhD Program, Haskayne School of Business (HSB), presented this item.

Highlights:

- The Co-Chair noted that this item is returning to the Committee
- The proponent reported that the feedback received from the Committee during the initial consultation has been incorporated into the current documents
- The proponent confirmed that the HSB was not aware that any HSB PhD specializations existed in PeopleSoft and would like to have these closed and replaced with the proposed list of specializations
- In response to questions, it was reported that:
 - The HSB is proposing to create ten specific specializations in response to student and labour market demand
 - The specializations require different candidacy examinations

- The HSB has two academic staff members conducting research in Environmental Management/Sustainable Development and the HSB Strategic Plan references growing this area
- The total number of new PhD students admitted annually by the HSB is based on the Faculty's budget and is determined by the Dean
- Prior to the proposal moving forward to the Academic Planning and Priorities Committee (APPC) for consideration, the Committee suggested that:
 - The rationale for the creation of the specializations be expanded to include improved visibility for areas of research within the HSB, and alignment with other business schools across the country
 - A section be added to explain that existing specializations listed in PeopleSoft will be closed
 - A rationale be added to explain the creation of an Environmental Management/Sustainable Development Specialization
 - A note be added to the enrolment plan to explain why the average in-take for some specializations is shown to be zero
 - The proposal be reviewed to ensure that terminology is being consistently used
- The Committee then recommended some minor edits to improve the Calendar entry

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning and Priorities Committee approve the creation, effective September 2017, of the following ten new specializations within the PhD in Management, Haskayne School of Business:

- Accounting
- Business Technology Management
- Entrepreneurship and Innovation
- Environmental Management/Sustainable Development
- Finance
- Organizational Behaviour and Human Resources
- Marketing
- Operations and Supply Chain Management
- Risk Management and Insurance
- Strategy and Global Management,

as set out in the proposal provided to the Committee, and the closure of the following three specializations:

- Project Management
- Energy and Environment Systems
- Global Energy Management and Sustainable Development

Carried

Moved/Seconded

That the Graduate Academic Program Subcommittee approve the Calendar wording for the following ten new specializations within the PhD in Management, Haskayne School of Business:

- Accounting
- Business Technology Management
- Entrepreneurship and Innovation
- Environmental Management/Sustainable Development
- Finance
- Organizational Behaviour and Human Resources
- Marketing
- Operations and Supply Chain Management
- Risk Management and Insurance
- Strategy and Global Management,

contingent upon their approval, as set out in the document provided to the Committee.

Carried

5. Recommendation of the Creation of a Combined MPlan/MBA Degree

Documentation for this item was circulated with the Agenda. Gregory Morrow, Professor, Faculty of Environmental Design, presented this item.

Highlights:

- The proponent explained the rationale and the intended audience for the proposed combined Master of Planning (MPlan)/Master of Business Administration (MBA) degree program
- It was reported that students in the combined program would be able to complete both the MPlan and the MBA degree in a shorter time frame based on 99 units, compared to 111 units to complete both degrees separately
- In response to questions, it was confirmed that:
 - Students will be required to complete the Real Estate Studies Specialization in the MBA program as part of the combined degree. The Committee requested that this be made clear in the Calendar entry.
 - It will be possible for students to complete the program in three and a half years as a result of the way that courses are scheduled in the MBA program
- Prior to the proposal moving forward to the APPC for consideration, the Committee suggested that:
 - The courses be mapped out to show how a student could complete the program in three and a half years
 - Survey data be added in section 2.1 'Student Demand Analysis', and the last sentence be rewritten for improved clarity
 - Greater detail be added to describe the learning outcomes and career opportunities for students
 - The tuition tables be reviewed for accuracy and consistency

Secretary's Note: The Committee requested that the motion to approve the Calendar wording for the MPlan/MBA be withdrawn, and that the Calendar wording be reviewed by the Graduate Academic Program Subcommittee (GAPS) Calendar working group prior to being brought back to the GAPS.

Moved/Seconded

That the Graduate Academic Programs Subcommittee recommend that the Academic Planning and Priorities Committee approve the creation of a combined Master of Planning/Master of Business Administration degree, effective September 2017, as set out in the proposal provided to the Committee.

Carried**6. Recommendation of Revisions to the PhD in Educational Research**

Documentation for this item was circulated with the Agenda. Michele Jacobsen, Associate Dean, Graduate Programs in Education, Werklund School of Education (WSE), and Pat Brul, Manager, Graduate Programs in Education, WSE, presented this item.

Highlights:

- The proponents reported that a series of changes have been made over a number of years to the PhD in Educational Research program in order to create clearer pathways for students. In the midst of these changes, a required seminar course was removed from the program requirements and the WSE would like to add it back.
- The proponents explained that the seminar course will be required for all PhD student across all specializations within the PhD in Educational Research. The WSE has been piloting the seminar and has received positive feedback and support from students.
- In response to a question, it was confirmed that the seminar will be evaluated with a letter grade
- Prior to the proposal moving forward to the APPC for consideration, the Committee suggested that:
 - In section 4, in the second paragraph, the number of students who participated in the pilot course be added
 - In section 3, in the table, the number of required units listed for the University of Calgary be checked and a note added to explain where there is a range for different specializations

Secretary's Note: The Committee requested that the motion to approve the Calendar wording for the revisions to the PhD in Educational Research be withdrawn, and that the Calendar wording be reviewed by the GAPS Calendar working group prior to being brought back to the GAPS.

Moved/Seconded

That the Graduate Academic Programs Subcommittee recommend that the Academic Planning and Priorities Committee approve the revised program requirements for all specializations within the PhD in Educational Research program, effective September 2017, as set out in the proposal provided to the Committee.

Carried

Secretary's Note: Items 7a and 7b were dealt with together.

7a. Recommendation of Curriculum Changes to the Master of Engineering (course-based) with Specialization in Petroleum Engineering

7b. Recommendation of the Creation of a New International Foundations Program Master of Engineering Pathway

Documentation for these items was circulated with the Agenda. Gopal Achari, Associate Dean (Graduate Programs), Schulich School of Engineering (SSE), Ayodeji Jeje, Acting Head, Department of Chemical and Petroleum Engineering, SSE, Bill Rosehart, Dean, SSE, Anuradha Sengupta, Associate Dean, International Foundations Program (IFP), Kelly Hoglund, Program Support Specialist, and Lindsay Penner, Program Support Specialist, presented this item.

Highlights:

- The proponents provided the rationale for the curriculum changes to the Master of Engineering (MEng) course-based Specialization in Petroleum Engineering and explained that the changes will enhance the student experience by providing students with a clear pathway to complete their program. The proposed changes have been positively received by the Faculty, students and industry specialists.
- The proponents explained that the changes will also allow for the creation of an IFP MEng Pathways stream for applicants who do not meet the English Language Proficiency (ELP) requirements for direct entry to the Faculty of Graduate Studies (FGS). It was reported that the SSE has seen significant improvement from students enrolled in the IFP Bachelor of Science Engineering Pathways stream
- The SSE wants to ensure that it is setting students up with both engineering and language skills that will facilitate their success
- In response to questions, it was reported that:
 - The SSE is only proposing curriculum changes, and the addition of the IFP pathways for the Petroleum Engineering Specialization at this time, but is currently reviewing the curriculum of two other specializations
 - There is high demand for the Petroleum Engineering Specialization, and it is believed by the SSE that the proposed changes will create efficiencies in classes, administration and workload
 - The IFPX courses will be evaluated with a letter grade and will have a mixture of formative and summative assessment based on oral and written skills
 - Paired courses focus on language skills for the successful completion of subject-specific courses and are taught by WSE academic staff who have language and engineering backgrounds
 - Students who have met the English Language Requirements for the MEng, but who would benefit from the IFP MEng Pathways courses may be permitted to register
- The Committee discussed:
 - Language bridging models versus pathways models and the benefits of teaching language in the context of the subject area to increase technical fluency, in particular for Science,

Technology, Engineering, and Mathematics programs

- The ELP test scores for the IFP MEng Pathways and the rationale for a lower TOEFL test score, and the disparity of the scores from different pathways programs
- The importance of including information describing scores and thresholds for all University accepted ELP tests, for transparency
- The fee model for the IFP MEng Pathways stream
- The Committee suggested that:
 - The admission criteria for the IFP MEng Pathways stream be clarified
 - An explicit statement be added to the proposal that explains that credit from IFP courses cannot be used towards the degree
 - The minimum cumulative GPA of 2.7 be changed to 3.0 to comply with the FGS graduation requirements

Secretary's Note: The Committee requested that the motion to approve the Calendar wording for the revisions to the Petroleum Engineering specialization be withdrawn, and that the Calendar wording be reviewed by the GAPS Calendar working group prior to being brought back to the GAPS.

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning and Priorities Committee approve the curriculum revisions to the Schulich School of Engineering's Petroleum Engineering specialization within the Master of Engineering (course-based) program, as set out in the proposal provided to the Committee.

Carried

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning and Priorities Committee approve the creation of a new MEng Pathways delivery model, as set out in the proposal provided to the Committee.

Carried

8. Recommendation of Changes to the Medical Education Specialization in the Community Health Sciences Program

Documentation for this item was circulated with the Agenda. Elizabeth Oddone Paolucci, Graduate Program Director, Department of Community Health Sciences, Cumming School of Medicine (CSM), presented this item.

Highlights:

- The proponent reported that the CSM is proposing to revise the curriculum for the Medical Education Specialization in the thesis-based MSc and PhD programs. It was explained that the curriculum had not been reviewed for a number of years and the changes will align the programs with current advances in theory and research in medical education, and will assist graduates to attain more competitive employment.

- In response to questions, it was explained that:
 - The CSM is not currently considering changing the Medical Education Specialization to a course-based program, as their first priority is to address the issues with, and improve the quality of the thesis-based program. Once this is complete, developing a course-based program will be explored.
 - The CSM has consulted with the WSE on course design
 - The restructured program will have the same number of contact hours
- The Committee discussed the Specializations' intended audience, the scope of research conducted by students, and the learning outcomes
- The Committee suggested some minor edits to the Calendar wording

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning and Priorities Committee approve the curriculum changes for the Medical Education Specialization thesis-based Master of Science and thesis-based Doctor of Philosophy, within the Department of Community Health Sciences, Cumming School of Medicine, as set out in the proposal provided to the Committee.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee approve the 2017-2018 Calendar changes for the Medical Education Specialization thesis-based Master of Science and Doctor of Philosophy in the Community Health Sciences program, as set out in the documents provided to the Committee, with the requested amendments.

Carried**9. Recommendation of Specialization Name Changes in the Geomatics Engineering Graduate Programs**

Documentation for this item was circulated with the Agenda. Michael Sideris, Associate Head of Graduate Studies, Department of Geomatics Engineering, SSE, presented this item.

Highlights:

- The proponent reported that the proposed name changes for the Earth Observation and the GIS and Land Tenure specializations in the Geomatics Engineering graduate programs reflect the evolution of the terminology in the fields, and are also more descriptive, which will assist in attracting potential graduate students
- The proponent confirmed that there are no changes to program requirements or resources
- The Registrar informed the Committee that in PeopleSoft, the specializations are also tied to the Master of Engineering (MEng) thesis and course-based program and suggested that, although the department is not currently accepting applications to these programs, that the name changes should be applied to all credentials to avoid confusion in the future. The proponent confirmed that this would be fine.

- In response to questions, it was reported that the effective date should be changed from May to July 2017

Secretary's Note: The Committee requested that the motion to approve the Calendar wording for the revisions to the Geomatics Engineering Graduate Programs be withdrawn, and that the Calendar wording be reviewed by the GAPS Calendar working group prior to being brought back to the GAPS.

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning Priorities Committee approve a change of name of the specialization 'Earth Observation' to 'Geodesy, Remote Sensing and Earth Observation', effective July 2017, as set out in the proposal provided to the Committee.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee recommend that the Academic Planning Priorities Committee approve a change of name of the specialization 'GIS and Land Tenure' to 'GIScience and Land Tenure', effective July 2017, as set out in the proposal provided to the Committee.

Carried**10. Recommendation of Changes to the Program Requirements for the PhD in History**

Documentation for this item was circulated with the Agenda. George Colpitts, Graduate Program Director, Department of History, presented this item.

Highlights:

- The proponent reported that it is being proposed that the PhD in History be revised to reduce the course requirements for the program from 18 units to 12 units in order to allow students to complete their candidacy earlier, improve overall completion times, and align with other programs in Canada
- In response to a question, it was confirmed that students typically have completed a Masters, and therefore have a solid knowledge foundation and want to be able to focus more quickly
- The Committee discussed:
 - The proposed timeline and sequencing of courses. The proponent confirmed that students could take more than 2 courses in the Fall term if they wished.
 - The timeline for students to begin dissertation research
 - The trend to reduce the number of required courses across Canadian institutions and how this compares internationally
 - The challenges of creating a cohort when students have only one common course
- The Committee requested that '.xx' be inserted after HIST 791 to indicate that it is a decimalized course, and also that a note be added to state that it is a 3-unit course

Moved/Seconded

That the Graduate Academic Program Subcommittee recommend that the Academic Planning and Priorities Committee approve revisions to the program requirements for the PhD in History, effective September 2017, as set out in the proposal provided to the Committee.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee approve the Calendar wording for the revisions to the program requirements for the PhD in History, contingent upon approval of the program changes, as set out in the proposal provided to the Committee.

Carried**11. Approval of Calendar Changes: Faculty of Arts, Cumming School of Medicine, Faculty of Kinesiology, Faculty of Law, Schulich School of Engineering, Faculty of Science, Faculty of Veterinary Medicine**

Documentation for this item was circulated with the Agenda. Lisa Young, Co-Chair, and Tanya Zdorenko, Graduate Calendar Editor, presented this item.

Highlights:

- The Co-Chair remarked that the GAPS Calendar Working Group reviewed all of the proposed Calendar changes and recommends the changes to the GAPS
- The Committee discussed the appropriateness of creating a 600-level graduate course as a version of a 300 level course. The Co-Chair explained that the 600-level course would have different learning outcomes and assessment than the undergraduate course and that this type of course would typically be for students who are missing introductory research methods.

Moved/Seconded

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Faculty of Arts, as set out in the Summary provided to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Cumming School of Medicine, as set out in the Summary provided to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Faculty of Kinesiology, as set out in the Summary provided to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried

Moved/Seconded

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Faculty of Law, as presented to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Faculty of Science, as presented to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Schulich School of Engineering, as set out in the Summary provided to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**Moved/Seconded**

That the Graduate Academic Program Subcommittee (GAPS) approve the Calendar changes for the Faculty of Veterinary Medicine, as set out in the Summary provided to the Committee, and as recommended by the GAPS Calendar Working Group.

Carried**12. Other Business**

There was no other business.

13. Adjournment**Moved/Seconded**

That the Graduate Academic Program Subcommittee adjourn the December 14, 2016 meeting.

Carried

The meeting was adjourned at 4:25 p.m.