Meeting minutes of the Senate Graduate Studies Committee (SGSC) held on September 11, 2018 in the Thesis Defence Room, SFU Library

Present:
Jeff Derksen (Chair)
George Agnes (Associate Dean)
Zoë Druick (Associate Dean)
Nicole White (Library)
Chantal Turpin (GSS Representative)
Shelley Gair (Associate Director)
Daria Babeshko (Curriculum)
Kathleen Vieira-Ribeiro (Secretary)

Graduate Student:
Thomas Budd (Graduate Student)

Guests:
John Driver (ARCH)
Mehrdad Moallem (MSE)
Flavio Firmani (MSE)
Krista Gerlich-Fitzgerald (GPS)

Faculty Chair:
Kevin Oldknow (delegate for FAS)
Sean Zwagerman (FASS)
Andrew Gemino (BUS)
Stuart Poyntz (FCAT)
Wanda Cassidy (EDUC)
Dongya Yang (FENV)
Carl Lowenberger (delegate for SCI)

Regrets:
Faisal Beg (FAS)
Timothy Beischlag (HSCI)
Sarah Lord Ferguson (Graduate Student)
Shuna Ho (Graduate Student)

1. Approval of agenda **Approved**

2. Review of the SGSC minutes of July 11, 2018 **Approved**

3. Business arising from the minutes

4. Chair's Report

    The Chair acknowledged the amount of work put into the preparation of the September meeting package and reminded committee members to adhere to the material submission deadlines. The committee was informed that a Syrian refugee who applied to the University as a result of SFU waiving admission application fees due to the US travel ban is now in Canada and has started their graduate program at SFU this Fall. The Chair informed the committee that BC graduate programs will be receiving a one-time funding from the Ministry of Advanced Education for competitive, merit-based graduate student scholarships.

5. For Approval
    5.1 Faculty of Applied Sciences
    School of Mechatronic Systems Engineering
    5.1.1   Full program proposal: Mechatronic Product Realization MEng

Course change (title): MSE 793
New course: MSE 794 Graduate Co-op Practicum II
New course: MSE 901 Becoming a Professional Engineer

M. Moallem and F. Firmani attended this portion of the meeting to introduce the proposal and answer questions.

W. Cassidy joined the meeting.

G. Agnes recommended following-up with the students after they complete their last co-op term to seek feedback regarding their experience. A concern was raised regarding equal pay for students who take Research Assistant (RA) option instead of the co-op. Although students are discouraged from bypassing the co-op option, they are made aware of the payment structure prior to signing up for the RA option. One of the main goals of the program is to ensure that the students receive experience within the industry.

A suggestion to add courses that focus on environment and sustainability was made. F. Firmani explained that there is a plan to introduce these courses in the future. A question regarding financial aid for the students was raised. The committee was informed that the Financial Aid office was consulted with and that the students will be eligible for bursaries. A question was raised regarding the support for international ESL students. It was explained that most ESL students come from the Fraser International College, which has a signed Memorandum of Understanding with SFU. These students undergo rigorous training that includes an English component prior to their entry into the program.

T. Budd joined the meeting.

Moved by S. Poyntz; seconded by K. Oldknow   **Approved**

5.2 Faculty of Environment
Department of Archaeology
5.2.1   Full program proposal: Heritage Resource Management MA
        Full program proposal: Heritage Resource Management graduate certificate

J. Driver attended this portion of the meeting to introduce the proposal and answer questions. A committee member expressed concern regarding the low number of applicants and small cohorts. J. Driver explained that additional funds are being redirected towards a three year communication plan to attract more applicants. A committee member wanted to know if there is a plan to introduce a project option for the MA program. Because the industry demands professionals with a master's degree and a thesis, the project option is not being considered.

Moved by D. Yang; seconded by C. Turpin   **Approved**

5.3 Faculty of Applied Sciences

5.3.1   Full program proposal: Sustainable Energy Engineering MASc
New course: SEE 820 Materials Design for Energy Systems
New course: SEE 821 Membranes and Filtration
New course: SEE 850 Energy Storage Systems
New course: SEE 891 Directed Readings
New course: SEE 893 Special Topics I
New course: SEE 894 Special Topics II
New course: SEE 895 Special Topics III
New course: SEE 896 MASc Research Seminar
New course: SEE 898 MASc Thesis

K. Oldknow presented the proposal to the committee. A comment was made regarding the number of faculty required to supervise the students. K. Oldknow informed the committee that hiring of the new faculty is underway. N. White informed the committee that the library reviews for the new SEE courses are still being assessed. A question was raised regarding the nature of SEE 896 and SEE 897 courses and their grading criteria. The committee was informed that the students will enroll in one of the courses to practice their presentation and discussion skills every term until their program completion. These courses are letter graded to encourage stronger participation and better attendance. Because SEE 896 and SEE 897 are zero unit courses, students' CGPA will not be affected.

Concerns were raised in regards to adequate staffing to support the students. K. Oldknow informed that additional staff will be hired if necessary. C. Turpin requested to inform the students early on who they can contact if they have questions or require resources.

Moved by A. Gemino; seconded by S. Poyntz   **Approved**

5.3.2   Full program proposal: Sustainable Energy Engineering PhD
New course: SEE 890 PhD Qualifying Exam
New course: SEE 897 PhD Research Seminar
New course: SEE 899 PhD Thesis

Moved by C. Turpin; seconded by Z. Druick   **Approved**

5.4 Beedie School of Business

5.4.1   Cohort Special Arrangements program: Accounting with Business Analytics MSc
New course: BUS 830 Foundations of Business Systems and Data
New course: BUS 831 Analyzing and Visualizing Accounting Data
New course: BUS 832 Data Analytics for Auditing Practice

New course: BUS 838 Collaboration, Teaming, and Agile Methods
New course: BUS 839 Applied Project
New course: BUS 840 Data Mining and Business Intelligence
New course: BUS 841 Predictive Analytics for Accounting
New course: BUS 842 Advanced Analytical Auditing
New course: BUS 844 Fraudulent Financial Reporting
New course: BUS 845 Advanced Applied Project I
New course: BUS 846 Advanced Applied Project II

A. Gemino informed the committee that the proposals were designed in consultation with KPMG for their employees with a CPA designation and that the company was supporting the development of the proposed programs. N. White informed the committee that due to the number of submissions for this meeting, library review for the new courses is still being conducted.

A clarification was requested regarding the admission into the MSc program after the completion of the certificate and whether the students will have to undertake additional course work when starting the master's program. A. Gemino confirmed that the students who complete the certificate may have the option to transfer into the proposed MSc program and this may only be done before the certificate has been granted. The students will not be required to do additional course work but the only credential received will be the Master of Science. It was requested to add this language to the proposal.

A. Gemino informed the committee that title revisions for both the certificate and the master's program are underway. Further feedback from the associate deans is required to implement the changes. The new proposed titles are the Graduate Certificate in Accounting with Digital Analytics and the Master of Science in Accounting with Cognitive Analytics. The academic unit will consult with the associate deans electronically after the SGSC meeting. If there are no objections, the titles will be updated prior to the proposals going to SCUP.

Moved by A. Gemino; seconded by D. Yang   **Approved subject to revisions**

5.4.2   Cohort Special Arrangements program: Accounting with Business Analytics Graduate Certificate

Moved by A. Gemino; seconded by S. Poyntz   **Approved subject to revisions**

Faculty of Communications, Art and Technology
School for the Contemporary Arts

5.4.3   Calendar revision: Comparative Media Arts MA
5.4.4   Calendar revision: Fine Arts MFA

Moved by S. Poyntz; seconded by C. Turpin   **Approved**

S. Poyntz left the meeting

<u>School of Interactive Arts and Technology</u>
5.4.5   Calendar revision: Interactive Arts and Technology MSc (for information)
                                          Approved under delegated Authority

5.5 Faculty of Education
5.5.1   Program change: Educational Practice MEd

W. Cassidy presented the proposal to the committee. A committee member noted that the diploma is worth the same number of units as a master program and wanted to know if the diploma can be reimagined as a master's. W. Cassidy informed the committee that there is a demand for the diploma, and there is currently insufficient staff support to run the diploma as a master's program.

Moved by W. Cassidy; seconded by A. Gemino   **Approved**

5.5.2   New course: EDUC 718 Landscapes of Practitioner Inquiry
5.5.3   Course change (title, description, prerequisite): EDUC 807
5.5.4   Course change (description): EDUC 885

Moved by W. Cassidy; seconded by D. Yang   **Approved**

5.6 Faculty of Sciences
<u>Departments: BPK, MBB, BISC</u>
5.6.1   Program termination: Certificate in Neuroscience

C. Lowenberger explained that courses in the certificate have not been taught for several years and some of the instructors have already retired. The academic units will revise the requirements and bring the program back as a standalone specialization.

Moved by Z. Druick; seconded by A. Gemino   **Approved**

6. For Discussion

7. Other Business

8. The date for the next SGSC meeting is scheduled for October 2, 2018 *(Material Deadline September 13, 2018)*