

SENATE MEETING PUBLIC SESSION MINUTES

April 27, 2016 3:30 – 5:30 PM Senate Chambers (Room 1079 Administration Building)

<u>Present:</u> A. Aravind, S. Bach, S. Beeler, A. Blanding, M. Bouchard, D. Casperson, B. Deo, D. Erasmus, E. Ezedebego, P. Flagel (Acting Secretary of Senate), K. Guest, K. Howitt (Recording Secretary), E. Jensen, K. Keen (Vice Chair), D. Wessell Lightfoot, H. Lowe, L. March, B. Menounos, M. Murphy, D. Nyce, I. Olasanmi, A. Palmer, G. Payne, M. Prevost, K. Reimer, A. Robinson, R. Robinson, D. Ryan, P. Sanborn, E. Searle, K. Smith, T. Summerville, N. Thompson, C. Whalen, T. Whitcombe,

Regrets: M. Dale, G. Deo, W. Fellers, A. LeBlanc, J. S. MacDonald, M. Peterson, B. Schorcht, G. Schmidt, D. Weeks (Chair), A. Wilson

Absent: A. Stroet

The meeting commenced at 3:30 p.m. with the Vice Chair in the Chair. The Vice Chair reported the appointment of Ms. Pamela Flagel was appointed as Acting Registrar by the Board of Governors, and he welcomed the new Senators.

1.0 S-201604.01

Approval of the Agenda

Lightfoot

That the agenda for the April 27, 2016 Public Session of Senate be approved as presented. CARRIED.

2.0 S-201604.02

Approval of Senate Minutes

Menounos

That the minutes of the March 23, 2016 Public Session of Senate be approved as presented. CARRIED.

A Senator asked if the link to the financial statements website was sent to Senators. Ms. Howitt said she sent the link to the Senator that made the request to ensure it was correct and was waiting for confirmation. Once confirmation has been received, she will send the link to all Senators.

3.0 Business Arising from Previous Minutes of Senate

3.1 Removal of Motions from the Business Arising Consent Agenda

There were no requests to remove motions from the business arising consent agenda.

"For Approval" Item:

3.2 Senate Committee on Academic Affairs

Dr. Ryan

"For Approval" Item:

S-201603.11

Approval of Renewal of the Exchange Agreement between University of Northern British Columbia and University of Bonn, Germany

Lightfoot

That, on the recommendation of the Senate Committee on Academic Affairs, the motion to renew the Exchange Agreement between University of Northern British Columbia and University of Bonn, Germany be approved as proposed.

Effective Date: Upon approval of the Senate

CARRIED (consent agenda).

Senate Committee on Admissions and Degrees

Dr. Owen

"For Approval" Item:

S-201603.12

Approval of Grade 12 Course Used for Admission - Business/Hospitality Management 12 Liahtfoot

That, on the recommendation of the Senate Committee on Admissions and Degrees, the course Business/Hospitality Management 12 that is being offered at College Heights Secondary School in Prince George be added to the list of recognized Approved Grade 12 courses used for admission to UNBC.

Effective date: September 2016 CARRIED (consent agenda).

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Approved Grade 12 Courses: Applications of Mathematics, BC First Nations Studies, Biology, Business/Hospitality Management 12, Calculus, Chemistry, Comparative Civilizations, Economics, English Literature, Français, Français Langue Seconde-Immersion, French, German, Geography, Geology, History, Japanese, Latin, Law, Mandarin, Math Foundations, Middle Earth 12, Physics, Pre-Calculus, Principles of Mathematics, Punjabi, Social Justice, Spanish, Sustainable Resources, Technical and Professional Communications, Writing.

S-201603.14 3.4

Approval of Motions from the March 23, 2016 Consent Agenda

Dr. Keen

That the motions from the March 23, 2016 consent agenda, except for those removed for placement on the regular agenda, be approved as presented. CARRIED.

Other Business 3.5

S-201603.15

Olasanmi

BE IT RESOLVED THAT Senate requests that the Registrar to investigate and recommend various options for the inclusion of a full-week reading break in the Fall semester prior to the consideration of the 2017/18 academic year.

Dr. Owen said if this topic is discussed again during the fall cycle when semester dates are usually discussed, the Student Engagement portfolio could bring information about the impact of fall reading breaks at other Canadian institutions and add it to the information the Registrar Scheduling Officers usually bring.

The following will be a directive for the new Registrar:

Friendly Amendment

Whitcombe

That Senate requests that the Registrar investigates and brings back for the fall discussions of the 2017/2018 academic calendar dates the options for the inclusion of a full-week reading break in the Fall semester.

CARRIED.

Motion S-201603.15 was CARRIED as amended.

S-201603.16

Casperson

BE IT RESOLVED THAT Undergraduate Regulations #50 (Appeals Process) and #51 (Senate Committee on Academic Appeals) be referred to the appropriate committee of Senate for study and provision of recommendations on:

- a. Providing for non-adversarial adjudication as an intermediate step in the appeals processes;
- b. Establishing standards of evidence;
- c. Clarifying the reasons for which a grade can be appealed;
- d. Specifying the kinds of remedies which can be sought and awarded by the Senate Committee on Academic Appeals; and
- e. Setting out the procedural rules for hearings of the Senate Committee on Academic Appeals;

AND FURTHERMORE.

BE IT RESOLVED THAT the Undergraduate Regulations and Policies be amended as follows (the amendments were included on page 31 of the Senate public session meeting package).

Motion

Casperson

That Senate invites a member of the gallery, Mr. Clarkson, to speak to motion S-201603.16. CARRIED.

Mr. Clarkson spoke about the motion S-201603.16. There was a discussion on the motion and Mr. Clarkson answered questions.

Motion to Commit

Casperson

That motion S-201603.16 be referred to a committee consisting of the Dean of the College of Arts, Social and Health Sciences, Senator Palmer, and Mr. Clarkson.

The committee is charged with considering the motion and reporting back to Senate as to the questions of principle within the motion. Senate can then have a discussion on the substance of the motion.

Friendly Amendment to the Motion to Commit

Smith

That a designate from the Office of the Registrar and a designate from the Office of Graduate Programs be added to the committee membership.

The Chair asked for leave of Senate so Ms. Lawson could speak about academic appeals. There were no objections, and Ms. Lawson explained the current academic appeals process.

The Motion to Commit as amended was CARRIED.

Dr. Whitcombe tendered his resignation effective immediately as the Chair and a member of the Senate Committee on Academic Appeals.

4.0 President's Report

As Dr. Weeks was unable to attend the meeting, there was no report.

5.0 Report of the Provost

Dr. Ryan

Dr. Ryan welcomed Robert Knight, the new Vice President Finance and Business Operations. He Also recognized Barb Daigle's work as the Interim Vice President of Finance and Administration.

Dr. Ryan further reported that:

The Registrar resigned from his position effective April 30, 2015, and Pam Flagel was appointed as the Acting Registrar by the Board of Governors. A search for the new Registrar will begin in accordance with the University's selection procedures for Registrar. A search firm will be used as there have been a number of recent Registrar searches—at other post-secondary institutions, and it is important to find the right Registrar for UNBC. The selection committee needs to be populated, and opportunities will be provided for the various stakeholders to offer input on the position profile.

As of April 1, 2016 applications and admissions for the 2016/2017 academic year were up. As of April 1, registration was not open so they were not sure of enrollment numbers. The enrollment numbers have been down for a couple of years and there are some downward trends with certain groups of students. It is important to look at the enrollment management plan moving forward as it is tied to funding.

Recent changes were made to the senior administration committee structure to improve efficiencies of those committees and a summary was provided.

Dr. Ryan and the President are planning on visiting as many of the academic and non- academic departments as possible over the coming months to hear from the various units

A significant amount of money has been allocated to the provincial governments (in BC about \$280 million under the Federal Strategic Initiatives Fund is a federal government initiative where, The money is designated for public sector post-secondary institutes (with some significant restrictions). UNBC has looked at items at various levels and will put a number of projects forward.

At a recent Town Hall budget meeting, concerns were expressed about faculty positions that had not been filled. Decisions have been made regarding some of the positions, and it has been recommended that six of the positions to be filled (two in Psychology, one in Social Work, one in Math, one in ESM, and one librarian). There are a few other positions being considered.

6.0 Report of the Registrar

Ms. Flagel

No report

7.0 Question Period Dr. Keen

A Senator asked if the Provost could provide a written appendix for the minutes outlining the senior Administration committee structure outlined in the Provost's report. Dr. Ryan said the Senior Leadership Forum has asked for similar information, so he will prepare a document for that committee first and then provide Senate with a document for the May Senate meeting.

Action Item: Dr. Ryan will provide Senate with a document outlining the senior administration committee structure for the May Senate meeting.

A Senator asked what the three projects are that are being put forward for the Strategic Initiatives Funds. Dr. Ryan said they are: the engineering high head research lab, the QRRC, and an expansion to the Northern Sports Centre. The provincial ministry provides 55% of the funding and the federal government provides 45% of the funding.

A Senator asked why the questions on the employment engagement survey were only directed towards their department or program and no other components of the University if the purpose of the employment engagement survey was to find out what people thought of their work environment at the University. He wanted to know if this could be remedied.

He also said the question regarding relationships and communication was leading, and he was concerned about the survey gathering inaccurate results.

Dr. Ryan said the questions were modified from other organizations, including the Gallup, who have used the questions in the past.

A Senator asked if the survey was meant to be anonymous. She said there were identifiable characters in the survey.

Dr. Ryan said the survey was meant to be anonymous, and his understanding was the surveys will be summarized by an external body.

A Senator asked how the outcome of the survey will be used.

Dr. Ryan said he understood the summaries will be used to get a better idea of what is going on at the University and how challenges can be addressed. The surveys are optional. Concerns about the employment engagement survey should be brought forward to the Director of HR.

8.0 Presentation — 2016-2017 Proposed Budget

Dr. Ryan and Mr. Knight

The 2016/17 Financial Planning Overview was included in the meeting package.

There were a number of Town Halls where the budget had been discussed, and there will be another one on April 29, 2016. The last day for feedback is May 4, 2016. Feedback can be sent to unbcplan@unbc.ca. The budget will be presented to the Board of Governors on May 20, 2016 for approval. The budget was first presented to Senate in March. Ms. C. Smith provided Senate with information about the budget. There was a discussion about the budget and Senators asked guestions.

9.0 Removal of Motions from the Consent Agenda

Dr. Keen

There were no requests made to remove motions from the consent agenda.

10.0 Committee Reports

10.1 Senate Committee on Academic Affairs

Dr. Ryan

"For Approval" Items:

S-201604.03

Changes to the Program Requirements - MA Disability Management Smith

That, on the recommendation of the Senate Committee on Academic Affairs, the changes to the program requirements for the MA Disability Management on pages 52-54 of the 2015/16 graduate calendar be approved as proposed.

Effective date: September 2016 CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Disability Management (MA Program)

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Henry Harder, Professor

Cindy Hardy, Professor (Psychology)

Shannon Wagner, Professor

Sarah deLeeuw, Associate Professor (Northern Medical Program)

R. Luke Harris, Associate Professor

Margot Parkes, Associate Professor and Canadian Research Chair, Health, Ecosystem and Society

Chelsea Pelletier, Assistant Professor

Mamdouh Shubair, Assistant Professor

Arlene Ward, Adjunct Professor

Website: www.unbc.ca/health-sciences/disability-management

The program provides graduates with the knowledge and skills necessary to assist labour, management, insurance providers, employers, and employees with the development of successful work entry or return-to-work strategies for persons with disabilities.

The program is attractive to students interested in integrating the fields of economics, community health, social work, psychology, education, and business. The combination of course work, research, and the practical application of knowledge gives students a well rounded, applied education in the field of Disability Management.

The program is available at the Prince George campus, either full-time or part-time, or on a part-time basis via distance delivery on the World Wide Web. Please see the information below and our website www.-unbc.ca/health-sciences/disability-management for additional details.

Admission

Application deadlines can be found in the Graduate Programs Admissions and Regulations section of the Graduate Calendar at http://www.unbc.ca/calendar/graduate/admissions.

The Disability Management MA program accepts students for the September Semester.

In addition to meeting the admission application requirements outlined in Section 1.0 of the Graduate Admissions and Regulations, all applicants to the Disability Management MA program are required to submit a Criminal Record Check search prior to the first day of classes in their entry semester.

Domestic applicants must supply a Criminal Record Check search result after receiving an offer of admission and before the first day of classes; tenesult is not required with the application. International applicants must submit a Criminal Record Check search result provided by their local policy authority upon application, and will also be required to submit a British Columbia Criminal Record Check if offered admission. The Office of the Registrar will provide instructions to domestic and international applicants who have accepted offers of admission on how to complete a British Columbia Criminal Record Check.

Delivery Modes

There are two modes of delivery for the Disability Management (MA) Program: face to face and distance. Both have a thesis option or a comprehensive examination option. Each option is described separately below; courses for each delivery mode follow the description.

Thesis Option

The Thesis Option consists of four components:

Core courses in Disability Management
Research methods courses
Electives
Thesis DISM 799-9
Total

12 credit hours
6 credit hours
9 credit hours
9 credit hours
36 credit hours

All students in the Thesis Option are required to write a letter outlining their practical experience. If their experience is considered insufficient by the program they will be required to do a practicum in addition to all requirements listed above. In addition, all students in the Thesis Option are required to travel to the Prince George campus to fulfill some of their thesis requirements.

Comprehensive Examination Option

The Comprehensive Examination Option consists of five four components:

Core courses in Disability Management
Research methods courses
Electives
Practicum or Major Paper
Comprehensive Exam
Total

12 credit hours
6 credit hours
6 credit hours
13 credit hours
14 credit hours
6 credit hours
6 credit hours
15 credit hours
16 credit hours
17 credit hours
18 credit hours
19 credit hours
19 credit hours
10 credit hours
10 credit hours

Students in the comprehensive examination option will be required to do a practicum unless they have significant experience in the field already. In that case they will write a letter outlining their experience and request that they are allowed to prepare a Major Paper in place of a Practicum.

Requirements Face-to-Face Mode

The Face-to-Face Mode is available to those students who take the program full or part-time. The courses for the Face-to-Face Mode are listed below:

Core Courses

DISM 609-3 Professional Ethics in Health Care Management

DISM 710-3 Foundations in Disability Management

DISM 711-3 Disability Management: Legislation, Policy & Procedures

DISM 712-3 Disability Management Interventions

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Research Courses

Additional two courses from the following:

EDUC 602-4 Educational Quantitative Research Design and Data Analysis

EDUC 603-4 Advanced Quantitative Educational Research Data Analysis

HHSC 603-3 Community Research Methods

HHSC 703-3 Qualitative Research Approaches in Health and Human Sciences

NURS 703-3 Health Program Planning, Community Development and Evaluation

PSYC 600-4 Quantitative Methods I

PSYC 605-4 Quantitative Methods II

SOCW 609-3 Advanced Quantitative Research

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Elective Courses

Candidates must complete a minimum of 9 credit hours from the following list.

COMM 630-3 Organizational Studies

COMM 631-3 Labour Management Relations

DISM 720-3 Special Topics

DISM 798-(3-6) Directed Studies

ECON 610-3 Health Economics

ECON 611-3 Cost Benefit Analysis

EDUC 613-3 Interpersonal Counselling Skills

HHSC 602-3 Organization and Financing of Canadian Health Care

POLS 603-3 Social and Health Policy in the Context of Health and Health Care

PSYC 620-3 Health Psychology

PSYC 720-3 Cross-Cultural Communication in Health Care Settings

SOCW 605-3 Community Work/Politics of Change

SOCW 698-3 Special Topics

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Practicum (or Major Paper) and Comprehensive Examination, or Thesis

DISM 794-6 Disability Management Major Paper

DISM 795-6 Disability Management Practicum

DISM 796-3 Master of Arts: Disability Management Comprehensive Examination

DISM 799-9 Disability Management Thesis

Requirements Distance Mode

The Distance Mode is available to those students who take the program part-time. Students completing the Distance Mode have a restricted set of electives courses. Courses for the Distance Mode are listed below.

Core Courses

DISM 609-3 Professional Ethics in Health Care Management

DISM 710-3 Foundations in Disability Management

DISM 711-3 Disability Management: Legislation, Policy & Procedures

DISM 712-3 Disability Management Interventions

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Research Courses

HHSC 603-3 Community Research Methods

NURS 703-3 Health Program Planning, Community Development and Evaluation

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Elective Courses

Candidates must complete a minimum of 9 credit hours from the following list.

DISM 720-3 Special Topics

DISM 798-(3-6) Directed Studies

HHSC 602-3 Organization and Financing of Canadian Health Care

POLS 603-3 Social and Health Policy in the Context of Health and Health Care

PSYC 620-3 Health Psychology

SOCW 605-3 Community Work/Politics of Change

Other courses may be substituted or added with the approval of the student's Supervisory Committee.

Practicum (or Major Paper) and Comprehensive Examination, or Thesis

DISM 794-6 Disability Management Major Paper

DISM 795-6 Disability Management Practicum

DISM 796-3 Disability Management Comprehensive Examination

DISM 799-9 Disability Management Thesis

Practicum

Students are involved in field-based learning activities for the purpose of pursuing and developing research/policy/administration/practice skills within a related employment area. The practicum component stresses independent learning, and permits students to test or develop theory in the context of fieldwork. The form of field practice components varies widely in accordance with the learning needs of the students. The practicum leads to a written report that reflects students' critical analyses of their practice settings.

The report further demonstrates a deepening of professional competence, analytical skills, and professional judgement, and represents a contribution to the knowledge and skill base of the profession. The duration of this component is equivalent to three months full-time employment.

Major Paper

The Major Paper (MP) option is for those students who have written a letter outlining their experience in the disability management field and obtained permission allowing them to prepare a Major Paper in place of a Practicum (6 credit hours). It is the aim of the MP to acquaint students with the practice of scholarship. Such acquaintance will normally entail a critical treatment of relevant academic literature using theoretical or philosophical methods. If the student wishes to pursue empirical research, either quantitative or qualitative, the thesis option must be selected.

Comprehensive Examination

The comprehensive examination option of study requires the successful completion of a comprehensive examination that evaluates a candidate's knowledge of theory, research and practice in his/her field of study.

Thesis

An oral examination is required as per University regulations. All students <u>are</u> taking the thesis option will be required to be <u>a resident</u> in Prince George for the <u>duration of their thesis work and their</u> oral examination. as well as during the semesters thesis work is developing.

Motions S-201604.04 - S-201604.05 were dealt with as an omnibus motion.

S-201604.04

Changes to Post-Diploma Baccalaureate Nursing Program – Electives

Menounos

That, on the recommendation of the Senate Committee on Academic Affairs, the changes to the elective section under the Post-Diploma Baccalaureate Nursing Program on page 173 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016 CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Elective Requirement

6 credit hours chosen to ensure completion of a minimum of 45 credit hours and fulfillment of the following requirements:

- 3 credit hours of First Nations Studies at any level.
- 3 credit hours at the 200 level or above and related to area of clinical concentration (with permission of program).
- 3 additional credit hours in Nursing at the 200 level or above, or 3 credit hours at the 200 level or above in a subject related to Nursing (with permission of the Program)

S-201604.05

Changes to Post-Diploma Baccalaureate Nursing Program - Transfer Credit

Menounos

That, on the recommendation of the Senate Committee on Academic Affairs, the changes to the Transfer Credit section under the Post-Diploma Baccalaureate Nursing Program on page 173 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

Transfer Credit

Students who have completed a Registered Nurse Diploma at a recognized postsecondary institution may be eligible to receive up to 60 credit hours towards the Post-Diploma Baccalaureate Nursing Program.

A total of 15 credit hours may be transferred from other recognized institutions into the nursing program. In order to meet the clinical concentration requirement of the nursing program, students may transfer credit from successfully completed studies at the nursing post-diploma level, provided that the certificate or diploma was completed within the five years prior to the semester of admission. Normally, the student is currently practicing in that specialty area.

In addition to the block credit awarded for the diploma, a maximum of 15 credit hours from other recognized institutions may be transferred into the Post-Diploma Baccalaureate

Nursing Program. Nursing courses, or their equivalents, must have been completed within five years prior to the semester of admission to be eligible for transfer credit into the Nursing Program.

Admission Requirements

S-201604.06

Changes to Rural Nursing Certificate Program - Transfer Credit

Payne

That, on the recommendation of the Senate Committee on Academic Affairs, the changes to the Transfer Credit section under the Rural Nursing Certificate Program on page 174 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

The Certificate requires successful completion of 30 credit hours. Admission occurs in September and January.

A maximum of 15 credit hours from other recognized institutions may be transferred into the Certificate and the BScN completion option.

The Certificate is designed to be completed on a part-time basis through distance education. Students can complete their BScN through the attainment of 15 additional credit hours of prescribed courses.

This Certificate does not replace the UNBC Post-Diploma BScN program as it offers a focus in one specialized area only. Other focus areas provided through the UNBC Post-Diploma BScN, notably community health, community continuing care, First Nations health and nursing, and nursing management are not included in the Certificate program.

Nursing Program policies for Registered Nurse students pursuing a degree apply to Certificate students.

Transfer Credit

A maximum of 15 credit hours from other recognized institutions may be transferred into the Certificate and the BScN Completion. Nursing courses must have been completed within five years prior to the semester of admission to be eligible for transfer credit into the nursing program.

Students who have completed a Registered Nurse Diploma at a recognized postsecondary institution may be eligible to receive up to 60 credit hours towards the BScN Completion.

S-201604.07

Change to Course Description - NURS 458-6

That, on the recommendation of the Senate Committee on Academic Affairs, the change to the course description for NURS 458-6 Remote Nursing Certified Practice on page 276 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.08

Change to Preclusion - NURS 422-(6, 8)

That, on the recommendation of the Senate Committee on Academic Affairs, the change to the preclusion for NURS 422-(6, 8) First Nations Health and Nursing on page 274 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.09

Change to Preclusion - NURS 453-3

That, on the recommendation of the Senate Committee on Academic Affairs, the change to the preclusion for NURS 453-3 Nursing Practice with Older Persons on page 275 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.10

Change to Preclusion - NURS 456-3

That, on the recommendation of the Senate Committee on Academic Affairs, the change to the preclusion for NURS 456-3 Mental Health and Addictions on page 275 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.11

Changes to Preclusion - NURS 457-3

That, on the recommendation of the Senate Committee on Academic Affairs, the preclusion for NURS 457-3 Living and Working in a Rural Community on page 276 of the 2015/2016 undergraduate calendar, be approved as proposed.

Effective date: September 2016

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.12

New Academic Program Proposal for Civil Engineering Degree and Modification of the Environmental Engineering Degree

Whitcombe

That, on the recommendation of the Senate Committee on Academic Affairs, the new degree program in Civil and the modification of the Environmental Engineering Degree be approved as proposed.

Proposed Start Date: September, 2017

CARRIED.

Details of the approved calendar text are as follows (for revisions, deleted text indicated by strikethrough, new text indicated by underline, and [commentary, where included, in Courier New font within square brackets]):

General Calendar Description:

ENGINEERING (BASc Program)

Engineers serve society across a wide range of economic sectors in a number of capacities. Highly skilled engineers require a solid technical and academic background, good communication skills, and the ability to work across a number of disciplines. Engineers deal with problems ranging from mine and dam construction to transit systems to air, water, and soil pollution control.

The Engineering program at UNBC has two degree programs – Civil and Environmental Engineering – and prepares graduates for a wide range of employment opportunities where their technical expertise and problem-solving skills are required. The program provides graduates with a strong awareness and understanding of environmental issues and problems. Our graduates are prepared for employment in the resource industries (e.g. forestry, fisheries, mining, oil and gas, pulp and paper, and the agri-food industry), various government ministries, research organizations, and with engineering firms of all sizes. Our graduates help shape the new environmental economy.

The Engineering Bachelor of Applied Science program is designed around a mandatory Cooperative education component. Students gain valuable and practical skills through four paid Coop work terms while being gainfully employed. The degree program is also designed to minimize the semester hours during the nine academic semesters to ensure students gain the necessary knowledge in a timely fashion. By incorporating Co-op into the degree program, our graduates finish their degree in five years with over a year and a half of relevant work experience on their resume to ensure a high probability of successful employment.

Both the Civil and Environmental Engineering degrees start with a common first year in which the basic sciences and mathematics are emphasized along with an introduction to the Engineering discipline. In year two, a number of courses are common to both engineering

streams but students will also need to differentiate between the Civil and Environmental Engineering degrees. In the remaining years, some of the courses are common to both programs while each degree stream develops the in-depth knowledge to allow students to qualify within their discipline upon graduation. The final year exposes students to practical engineering problems.

Admission Requirements

Admission to the program is limited and is based on academic qualifications and available space. Priority admission is given to students who meet the admission criteria and apply by the deadline of March 1.

Applicants from BC and Yukon secondary schools must:

- Meet UNBC admission requirements, and
- Have an average of at least 75% based on the following four courses: Principles of Math 12 or Pre-calculus 12, English 12 and two provincially examinable Science 12 courses. In addition, applicants must have successfully completed Chemistry 11 in order to meet course prerequisites in the Program. Physics 12 or an equivalent is strongly recommended, as it is a prerequisite for first-year Physics courses in the program. Students who are admitted without the Physics 12 prerequisite may be delayed in their studies as they may not be able to complete the first four semesters of the program in the normal two year time period. Meeting the minimum GPA does not guarantee admission. Under exceptional circumstances the prerequisites may be waived.

Other applicants must demonstrate that they possess qualifications at least equivalent to the BC and Yukon requirement.

Standards of Professional Conduct

In addition to fulfilling all University and Program regulations and expectations, all students are expected to abide by professional standards as set forth by the Association of Professional Engineers and Geoscientists of British Columbia. Violation of professional standards may result in suspension or dismissal from the program and/or the University.

Academic Performance

Students must adhere to the policies and regulations as specified in the UNBC calendar. This requirement includes, but is not limited to, matters related to academic offenses and progression through the program. Progression is covered by the guidelines on academic standing and continuance. Offenses are governed by the relevant regulations in the appropriate calendar.

Students must obtain the minimum passing grade for all courses. Failure to do so may result in suspension or removal from the program. Note that the courses ENGR 217, ENGR 400, ENGR 401, MATH 200, and MATH 230 must be completed at UNBC.

Qualification for Degree

It is the responsibility of the student to ensure that his/ her degree requirements are met.

General graduation requirements are found in the Regulations and Policy section of the UNBC Calendar. To fulfill the requirements of graduation, the student must also:

- maintain a minimum Cumulative GPA of 2.00 (C) on courses for credit towards an Engineering degree.
- obtain a minimum passing grade of 1.67 (C-) in each of ENGR 217, ENGR 400, ENGR 401, MATH 200, and MATH 230; and
- complete all requirements for the B.A.Sc. program within eight years of admission into the program or from the first Engineering course used for credit towards the degree.

Letter of Permission

Once admitted to Engineering at UNBC, students who want to take course work at another institution for credit must obtain a Letter of Permission prior to registration in the course. Students who complete courses without first having obtained a Letter of Permission risk not having those courses accepted for transfer credit. A student who has committed an academic offence or is on academic probation may be denied a Letter of Permission for subsequent course work. Students should consult the Engineering Academic Advisor before considering course work for transfer credit. (Refer to Academic Regulation 19).

Graduation

It is the responsibility of the student to ensure that his/ her degree requirements are met. Students must have a Cumulative GPA of at least 2.00 (C) over all courses to graduate.

Transfers

Transfers into the program are allowed provided that the prerequisite courses or articulated courses are completed, and space is available in the program. Acceptance of transfers into the program will be based upon GPA, with priority given to those with the highest GPA. The admission GPA for transfer students into the Environmental Engineering program will be assessed on the following four courses or their university transferrable equivalents: Principles of Math 12 or Pre-calculus 12, English 12, and two provincially examinable Science 12 courses. In order to be considered for admission into the program transfer students must have at least a 75% average based on these four courses or their equivalents. Where both high school and university transfer coursework are provided for each of these four courses, the most recent GPA for each course will be used. Transfer students must also have an overall Cumulative transfer GPA of 2.00, which is based on all their university transferrable coursework. Regardless of the articulated courses transferred, students must satisfy the residency requirement of a minimum of 90 credit hours. In addition, students within the program must complete ENGR 217, ENGR 400, ENGR 401, MATH 200, and MATH 230 at UNBC.

Co-operative Education

Engineering at UNBC requires students to successfully complete four one semester long Cooperative Education work terms. These work terms are interspersed within the degree program and occur in semesters 6, 8, 10, and 12. Each work experience will meet the following criteria:

- each work situation is developed and/or approved by the co-operative educational institution as a suitable learning situation;
- the co-operative student is engaged in productive work rather than merely observing;
- the co-operative student receives remuneration for the work performed;
- the co-operative student's progress on the job is monitored by UNBC Engineering;
- the co-operative student's performance on the job is supervised and evaluated by the student's co-operative employer;
- the time spent in periods of work experience must be at least 30 per cent of the time spent in academic study

The overall timetable for semesters is as follows:

| <u>Year</u> | <u>Fall</u> | <u>Winter</u> | <u>Summer</u> |
|----------------------|---------------------|---------------------|--------------------|
| 1 st year | Academic Semester 1 | Academic Semester 2 | (semester 3) |
| 2 nd year | Academic Semester 4 | Academic Semester 5 | Co-op Work Term I |
| 3 rd year | Academic Semester 7 | Co-op Work Term II | Academic Semester |
| | | | <u>9</u> |
| | Co-op Work Term III | Academic Semester | Co-op Work Term IV |
| | | <u>11</u> | |
| 4 th year | Academic Semester | Academic Semester | |
| | <u>13</u> | <u>14</u> | |

Engineering at UNBC is a mandatory Co-operative Education program and successful work terms are required for degree completion. For further information, contact the Co-operative Education Advisor.

Note: Co-operative education terms are completed in Semesters 6, 8, 10, and 12. Only under extraordinary circumstances will a student be allowed to deviate from this pattern.

CIVIL ENGINEERING DEGREE PROGRAM REQUIREMENTS

UNBC offers a rigorous Civil Engineering education augmented by business skills training and opportunities for specialized instruction in timber structures, renewable energy technology, cold climate, and geotechnical engineering. Today's civil engineer not only designs the infrastructure essential to modern society (buildings, bridges, highways, transit systems, water and waste treatment facilities, foundations, tunnels, dams, etcetera) but also analyzes the effects of deterioration on infrastructure elements while considering system interdependencies and the evaluation of life-cycle impacts. Civil engineers must consider environmental impact and economic sustainability in the development of modern infrastructure.

UNBC offers an integrated systems approach to Civil Engineering which is in keeping with the themes of design, life-cycle assessment, systems engineering, sustainable materials, renewable energy, and low-impact development throughout.

The minimum requirement for completion of a Bachelor of Applied Science degree with a major in Civil Engineering is 156 credit hours. Students are also required to successfully complete 12 credit hours of Co-operative Education.

Program Requirements

| First Year (Semesters 1 & 2) | |
|------------------------------|--|
| CHEM 100-3 | General Chemistry I |
| CHEM 120-1 | General Chemistry Laboratory I |
| CHEM 101-3 | General Chemistry II |
| CHEM 121-1 | General Chemistry Laboratory II |
| ENGR 110-3 | Technical Writing |
| ENGR 117-3 | Engineering Design 1 |
| ENGR 151-1 | Engineering Tools I |
| ENGR 152-1 | Engineering Tools II |
| MATH 100-3 | Calculus I |
| MATH 101-3 | Calculus II |
| MATH 220-3 | Linear Algebra |
| PH YS 110-4 | Introductory Physics I: Mechanics |
| PHYS 111-4 | Introductory Physics II: Waves and Electricity |

3 credit hours of electives from the Humanities

| <u>Second Year (Semesters 4 & </u> | <u>5)</u> |
|--|---|
| ENGR 217-4 | Engineering Design II |
| ENGR 240-4 | Materials I |
| ENGR 241-4 | Materials II |
| ENGR 250-4 | Structural Design I |
| ENGR 251-4 | Structural Design II |
| ENGR 260-3 | Soil Mechanics I |
| GEOG 205-3 | Cartography and Geomatics |
| MATH 200-3 | Calculus III |
| MATH 230-3 | Linear Differential Equations and Boundary Value Problems |
| STATS 371-3 | Probability and Statistics for Scientists and Engineers |
| | |

Third Year (Semesters 7, 9, & 11)

| ENGR 300-3 | Green Principles of Engineering |
|------------|---------------------------------|
| ENGR 317-4 | Engineering Design III |
| ENGR 340-3 | Materials III |
| ENGR 350-3 | Structural Analysis |
| ENGR 351-4 | Fluid Mechanics I |
| ENGR 352-4 | Fluid Mechanics II |
| ENGR 353-4 | Hydrology and Open Channel Flow |
| ENGR 358-3 | Water and Waste Water Systems |
| ENGR 360-4 | Soil Mechanics II |
| ENGR 370-3 | Transportations Systems |
| ENGR 372-3 | Construction Management |
| ENGR 374-3 | Cold Climate Engineering |
| ENGR 380-3 | Engineering Economics |
| ENGR 381-3 | Urban and Regional Planning |

3 credit hours chosen from the list of technical electives

3 credit hours of electives from the Physical or Life Sciences

Fourth Year (Semesters 13 & 14)

| ENGR 400-4 | Capstone Design Project I |
|------------|-----------------------------|
| ENGR 401-4 | Capstone Design Project II |
| ENGR 410-3 | Professional Practice & Law |
| ENGR 411-3 | Project Management |
| ENGR 440-3 | Foundation Design |

12 credit hours chosen from the list of technical electives 3 credit hours of electives from the Humanities

Technical Electives

<u>Technical electives are chosen, as appropriate to the student's discipline, from the technical electives list.</u>

ENSC 302-3 Low Carbon Energy Development

ENSC 404-3 Waste Management

ENSC 406-3 Environmental Modelling

ENSC 408-3 Storms

ENSC 425-3 Climate Change and Global Warming

ENSC 450-3 Environmental and Geophysical Data Analysis

ENSC 452-3 Reclamation and Remediation of Disturbed

Environments

ENSC 453-3 Environmental Resources Management and

Decision Making

ENSC 460-3 Soil Chemical Processes and the Environment

NREM 410-3 Watershed Management

Students may also choose appropriate courses from other engineering disciplines as technical electives. It is the student's responsibility to ensure that they have the prerequisites for the technical electives they wish to take.

EN VIRONMENTAL ENGINEERING DEGREE PROGRAM REQUIREMENTS

Environmental and ecological problems are increasingly of concern to all Canadians but particularly in the resource rich northern portion of British Columbia. The concerns are especially acute due to a primarily resource-based economy which depends on forestry, mining, oil and gas, and fisheries. Further, the northern economy generates a significant portion of British Columbia's primary wealth and feeds the provincial economic growth. UNBC offers an Environmental Engineering degree which integrates basic science with modern Engineering practices. Our graduates are prepared to take on the challenges facing modern society, from problems in water, air, and soil pollution control to mine waste disposal to solid waste management and mine remediation. Modern issues require highly skilled engineers with a solid background in environmental engineering, strong communication skills, and the ability to work across disciplinary boundaries. This program prepares graduates for a

wide range of employment opportunities where the technical expertise and problem-solving skills of engineers are needed in conjunction with a strong awareness and understanding of environmental issues and problems.

Our graduates work in the new environmental economy – in areas related to environmental reclamation, remediation, and restoration.

The minimum requirement for completion of a Bachelor of Applied Science degree with a major in Environmental Engineering is 154 credit hours. Students are also required to successfully complete 12 credit hours of Co-operative Education.

Program Requirements

| First Year (Semesters 1 & 2) | |
|------------------------------|--|
| CHEM 100-3 | General Chemistry I |
| CHEM 120-1 | General Chemistry Laboratory I |
| CHEM 101-3 | General Chemistry II |
| CHEM 121-1 | General Chemistry Laboratory II |
| ENGR 110-3 | Technical Writing |
| ENGR 117-3 | Engineering Design 1 |
| ENGR 151-1 | Engineering Tools I |
| ENGR 152-1 | Engineering Tools II |
| MATH 100-3 | Calculus I |
| MATH 101-3 | Calculus II |
| MATH 220-3 | Linear Algebra |
| PHYS 110-4 | Introductory Physics I: Mechanics |
| PHYS 111-4 | Introductory Physics II: Waves and Electricity |

3 credit hours of electives from the Humanities

| Second Year (Semesters 4 & | <u>5)</u> |
|----------------------------|---|
| BIOL 103-3 | Introductory Biology I |
| BIOL 123-1 | Introductory Biology I Laboratory |
| ENGR 217-4 | Engineering Design II |
| ENGR 210-3 | Materials and Energy Balance |
| ENGR 220-4 | Engineering Chemistry |
| ENGR 260-3 | Soil Mechanics I |
| ENGR 270-3 | Groundwater |
| GEOG 205-3 | Cartography and Geomatics |
| MATH 200-3 | Calculus III |
| MATH 230-3 | Linear Differential Equations and Boundary Value Problems |
| STATS 371-3 | Probability and Statistics for Scientists and Engineers |

Third Year (Semesters 7, 9, & 11)

| ENGR 244-3 | <u>Thermodynamics</u> |
|------------|---------------------------------|
| ENGR 300-3 | Green Principles of Engineering |
| ENGR 306-3 | Environmental Modelling |
| ENGR 317-3 | Engineering Design III |

| ENGR 351-4 | Fluid Mechanics I |
|------------|---------------------------------|
| ENGR 352-4 | Fluid Mechanics II |
| ENGR 353-4 | Hydrology and Open Channel Flow |
| ENGR 358-3 | Waste and Waste Water Systems |
| ENGR 359-3 | Ground Water Contamination |
| ENGR 360-4 | Soil Mechanics II |
| ENGR 365-3 | Mining and the Environment |
| ENGR 380-3 | Engineering Economics |
| ENGR 381-3 | Urban and Regional Planning |

6 credit hours chosen from the list of technical electives
3 credit hours of electives from the Physical or Life Sciences

Fourth Year (Semesters 13 & 14)

| ENGR 400-4 | Capstone Design Project I |
|------------|-----------------------------|
| ENGR 401-4 | Capstone Design Project II |
| ENGR 410-3 | Professional Practice & Law |
| ENGR 411-3 | Project Management |
| ENGR 420-3 | Transport Phenomena |
| ENGR 421-3 | Environmental Hydraulics |
| ENGR 430-3 | Unit Operations |

6 credit hours chosen from the list of technical electives 3 credit hours of electives from the Humanities

Technical Electives

<u>Technical electives are chosen, as appropriate to the student's discipline, from the technical electives list.</u>

ENSC 302-3 Low Carbon Energy Development

ENSC 404-3 Waste Management

ENSC 406-3 Environmental Modelling

ENSC 408-3 Storms

ENSC 425-3 Climate Change and Global Warming

ENSC 450-3 Environmental and Geophysical Data Analysis

ENSC 452-3 Reclamation and Remediation of Disturbed

Environments

ENSC 453-3 Environmental Resources Management and

Decision Making

ENSC 460-3 Soil Chemical Processes and the Environment

NREM 410-3 Watershed Management

Students may also choose appropriate courses from other engineering disciplines as technical electives. It is the student's responsibility to ensure that they have the prerequisites for the technical electives they wish to take.

Motion

Casperson

In accordance with Senate regulation 3(w) iii, that the Senate session extend beyond 5:30 p.m. CARRIED

S-201604.13

Renewal of the Agreement of Cooperation between the University of Northern British Columbia and the University of Applied Sciences and Arts, Switzerland

That, on the recommendation of the Senate Committee on Academic Affairs, the motion to approve the renewal of the Agreement of Cooperation between the University of Northern British Columbia and the University of Applied Sciences and Arts, Switzerland be approved as proposed.

Effective Date: Upon approval of the Senate

POSTPONED until the May 25, 2016 meeting. Quorum was lost before the approval of the motions on the consent agenda.

S-201604.14

Approval of Pathway Agreements

Payne

That, on the recommendation of the Senate Committee on Academic Affairs, the following Pathway Agreements be approved as proposed:

Effective Date: Upon the approval of Senate

CARRIED.

"For Information" Item:

Report to Senate - External Reviews of Academic Units

The report on the financial cost and process for External Reviews of Academic units was in response to Senate's request on February 15, 2016. It was included in the meeting package.

10.2 Senate Committee on First Nations and Aboriginal Peoples

Dr. Ryan

"For Approval" Items:

S-201604.15

The UNBC Aboriginal Service Plan Steering Committee Terms of Reference

Smith

That, on the recommendation of the Senate Committee on First Nations and Aboriginal Peoples, the UNBC Aboriginal Service Plan Steering Committee Terms of Reference be approved as proposed. Effective Date: May 2016

CARRIED.

S-201604.16

The UNBC Elders Protocol

Smith

That, on the recommendation of the Senate Committee on First Nations and Aboriginal Peoples, the UNBC Elders Protocol be approved as proposed.

Effective Date: May 2016

CARRIED.

S-201604.17

Approval of the Lheidli T'enneh/UNBC Memorandum of Understanding

Smith

That, on the recommendation of the Senate Committee on First Nations and Aboriginal Peoples, the Lheidli T'enneh/UNBC MOU be approved as proposed.

Effective Date: April 20

CARRIED.

There was a request that the The Lheidli T'enneh Research Ethics and Protocol document be provided to Senate in the future for information if possible.

"For Information" Items:

SCSB20160323.04

Approval of SCSB Annual Report

That the SCSB Annual Report be received.

Effective Date: March 2016

10.4 Senate Committee on Nominations

Dr. David Casperson

"For Approval" Items:

S-201604.18

Recommendation of Regional Representative to Senate

Casperson

That, on the recommendation of the Senate Committee on Nominations, and barring further nominations from the floor of Senate, the following candidates, who have met all eligibility requirements to serve on Senate, be elected to Senate in accordance with Section 3(q)(i) of the Senate Handbook. Effective date: Immediately upon approval by Senate

SENATE POSITION TO BE FILLED

CANDIDATE

Regional Representative - Peace River-Liard (March 31, 2019)

Mr. Alan Clay

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

S-201603.19

Recommendation of Senate Committee Members to Senate

Casperson

That, on the recommendation of the Senate Committee on Nominations, the following candidate, who has met all eligibility requirements to serve on Senate committees as indicated, be appointed as proposed.

Effective date: Immediately upon approval by Senate

SENATE COMMITTEE POSITION TO BE FILLED

(except as otherwise noted, all terms begin immediately)

CANDIDATE

Steering Committee of Senate

Faculty Senator (until 03/31/2017) Student Senator (until 03/31/2017) Dr. Paul Sanborn

Mr. Echioma Ezedebego

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Nominations

Student Senator (until 03/31/2017)

Mr. Hunter Lowe

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Academic Appeals

Faculty Member — Professional Program (until 03/31/2019)

Graduate Student Senator (until 03/31/2017)

Undergraduate Student Senator (until 03/31/2017)

Student Senator (Aboriginal if possible) (until 03/31/2017)

Ms. Catharine Schiller

Mr. Neil Thompson

Mr. Gurbind Deo

Mr. Simon Bach

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Admissions and Degrees

Faculty Member — Professional Program (until 03/31/2018) Dr. Glen Schmidt Undergraduate Student (until 03/31/2017) Dr. Glen Schmidt Mr. Simon Bach

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Academic Affairs

Dr. Paul Sanborn Faculty Senator (until 03/31/2019) Faculty Member — CASHS (until 03/31/2019) Dr. Catherine Whalen Faculty Member — Regional (until 03/31/2019) Dr. Titi Kunkel Faculty Member — Professional Program (until 03/31/2019) Dr. Ian Hartley Graduate Student — CSAM (until 03/31/2017) Ms. Amy Blanding Undergraduate Student — CASHS (until 03/31/2017) Ms. Leah March Undergraduate Student — CSAM (until 03/31/2017) Mr. Erik Searle Regional Senator – (until 03/31/2019) Mr. Alan Clay

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on First Nations and Aboriginal Peoples

Aboriginal Regional Senator (until 03/31/2017) Mr. Andrew Robinson

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Honorary Degrees and Other Forms of Special Recognition

Student Senator (until 03/31/2017) Mr. Erik Searle

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Regional Policy and Inter-Institutional Relations

Faculty Member (CASHS) (until 03/31/2019)

Regional Senator (until 03/31/2019)

Regional Senator (until 03/31/2019)

Mr. Alan Clay

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on Scholarships and Bursaries

Faculty Senator — CASHS (until 03/31/2017)

Graduate Student (until 03/31/2017)

Undergraduate Student (until 03/31/2017)

Student Senator (until 03/31/2017)

Dr. Stan Beeler

Ms. Ibukun Olasanmi

Mr. Echioma Ezedebego

Student Senator (until 03/31/2017)

Mr. Gurbind Deo

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Senate Committee on the University Budget

Student Senator (until 03/31/2017)

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

Ms. Leah March

Senate Committee on Student Discipline Appeals

Faculty Senator — CSAM Dr. Brian Menounos
Graduate Student (until 03/31/2017) Ms. Ibukun Olasanmi
Undergraduate Student (until 03/31/2017) Mr. Hunter Lowe

Further nominations were sought from the floor, and there being none forthcoming, the motion was CARRIED.

"For Information" Items:

Faculty Senator Elected to Senate for position beginning immediately:

Faculty Senator – CSAM (until March 31, 2017)

Dr. Paul Sanborn

Student Senators elected to Senate for positions beginning April 1, 2016:

Student Senator – Undergraduate (until March 31, 2017) Mr. Simon Bach Student Senator – Undergraduate (until March 31, 2017) Mr. Echioma Ezedebego Student Senator – Undergraduate (until March 31, 2017) Mr. Gurbind Deo Student Senator – Undergraduate (until March 31, 2017) Student Senator – Undergraduate (until March 31, 2017) Mr. Hunter Lowe Ms. Leah March Student Senator – Undergraduate (until March 31, 2017) Mr. Erik Searle Student Senator – Graduate (until March 31, 2017) Ms. Amy Blanding Student Senator – Graduate (until March 31, 2017) Ms. Ibukun Olasanmi Student Senator – Graduate (until March 31, 2017) Mr. Neil Thompson

Quorum was lost at 6:35 p.m. The Vice Chair declared the meeting adjourned.