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University of Waterloo
SENATE UNDERGRADUATE COUNCIL
Minutes of the February 5, 2024 Meeting
[in agenda order]

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Present: Katherine Acheson, Janice Aurini, Maya Baboolal, Victoria Chu, Cecilia Cotton, David DeVidi (chair) Laura Deakon, Leeann Ferries, Zev Friedman, Jason Grove, Fatma Gzara, Alysia Kolentsis, Carol Ann MacGregor, Kristiina Montero, Rory Norris, Helena Shilomboleni, Theodore Thompson, Ryan Trelford, Chris Vigna, Johanna Wandel, Tim Weber-Kraljevski (secretary), Richard Wikkerink.

Resources/Guests: Rania Al Hammoud, Brianna Bennett, Annik Bilodeau, Jennifer Coghlin, Anne-Marie Fannon, Danielle Jeanneault, Martin Karsten, Ondrej Lhotak, Carrie MacKinnon, Ting Tsui.

Absent: Vivian Dayeh, Viv Hoang, Catherine Newell Kelly*, Charvi Patel, Nigharika Senthil Kumar.
*Regrets

Organization of Meeting: David DeVidi took the chair, and Tim Weber-Kraljevski acted as secretary. The secretary advised that a quorum was present. The agenda was approved without formal motion.

1.   DECLARATIONS OF CONFLICTS OF INTEREST
No conflicts of interest were declared.

2.   APPROVAL OF THE 21 NOVEMBER 2023 MINUTES
The minutes were approved without formal motions.

3.   BUSINESS ARISING FROM THE MINUTES
The Chair informed members that the progress report for Global Business and Digital Arts, and Digital Experience Innovation was revised as requested.

CONSENT AGENDA
Grove requested the following revisions to item 4b: add department drop consent to MSCI 263, MSCI 332, MSCI 342, MSCI 431, and MSCI 436. Acheson requested a revision to item 4a, to add the proposed title change of "Crime and Public Policy" to LS 403. A motion was heard to approve consent agenda as revised. Ferries and Deakon. Carried.

4.   CURRICULAR SUBMISSIONS
Council approved items a-f as presented, with noted revisions.

REGULAR AGENDA

5.   ACADEMIC PROGRAM REIVEWS
a. Final Assessment Report: Civil Engineering, Environmental Engineering, Geological Engineering, and Water Resources. Al Hammoud presented a brief overview of the report. Members discussed: strategies by the program to address recommendation 3 and successes; approaches taken by the program to address the challenges of internet-banked assignments and cheating; and the program's response to recommendation 2. Al Hammoud left the meeting.

b. Final Assessment Report: Computer Science, Computer Science – Data Science, Business. Karsten and Lhotak presented a brief overview of the report, noting the following error in the report: under "Bachelor of Mathematics –

Major in Computer Science [BMath (CS)]", it is stated: "Students are admitted to the BMath program and declare a major in Computer Science starting in second year" but is a direct-entry program. Members discussed: adding more CS courses to the list that none-Computer Science students can take, while balancing challenges with the limited resources to meet demand for these courses. Karten and Lhotak left the meeting.

c. **Final Assessment Report: Nanotechnology Engineering.** Tsui presented a brief overview of the report. Members discussed: revising the report to update responses on recommendations that the committee feel are not appropriate, to ensure it is clear that the program is not agreeing that there is an issue, particularly with recommendations 3 and 10. Tsui left the meeting.

A motion was heard to approve the Final Assessment Reports on behalf of Senate, subject to the noted corrections and revisions. Deakon and Cotton. Carried with one abstention.

6. **CURRICULAR SUBMISSIONS**
    a. **Engineering.** Grove provided an overview of the report. A motion was heard to recommend Senate approve the following as presented: creation of a Human Factors & Interfaces Specialization, an Intelligent & Automated Systems Specialization, a Physical & Mechatronic Systems Specialization, and a Societal & Environmental Systems Specialization within Systems Design Engineering; the creation of the Quantum Engineering Option; the inactivation of the International Studies in Engineering Option and the Society, Technology and Values Option; and the regulation revisions to the Dean's Honours List. Grove and Acheson. Carried.

    b. **Environment.** Wandel provided an overview of the report. A motion was heard to recommend Senate approve the proposed academic regulation revisions to the Invalid Credential Combinations for the Faculty of Environment's Business Option and Sustainability Financial Management, as presented. Wandel and Ferries.

    c. **Science.** Deakon provided an overview of the report. A motion was heard to recommend Senate approve the creation of the proposed the Microbiology Option and the Cell and Molecular Biology Option, as presented. Deakon and Vigna. Carried.

7. **KUALI PRESENTATION**
Tim and Danielle presented on the update to the SUC and Subcommittee processes for curriculum submissions and gave a demonstration for members how to use the Kuali software. Members discussed: concerns with timelines, how commenting works with Kuali, and the number of email notification from Kuali.

8. **EVIDENCE BASED TEACHING**
Bennett and Bilodeau presented on the Learning Innovation & Teaching Enhancement (LITE) Grants, highlighting the Generative AI and Flipped Classroom Model in Large Engineering Classes project. Fannon spoke to the Work-Learn Institute (WxL), highlighting recent studies: Gen Z values and work preferences and exploring the value propositions of Recreation and Leisure Studies (RLS). Member discussed: how Waterloo can make better use of the evidence gathered from the LITE grants and WxL studies; how to better disseminate and share this research; having Faculties more involved in scoping research projects; the roles of teaching stream faculty and the Teaching Innovation Incubator; the need to connect faculty members across campus; and the CTE tip sheet and other resources for teaching.

9. **OTHER BUSINESS**
There was no other business.

10.   ADJOURNMENT

With no further business, the meeting adjourned. The next meeting is Tuesday, March 5, 2024, 12:30 to 2:30 p.m. in NH 3318.

February 27, 2023   Tim Weber-Kraljevski
                                                             Governance Officer