



FACULTY SENATE

Minutes

Monday, December 18, 2017
Memorial Lounge 4:00 – 5:30 pm

The meeting was called to order at 4:05 p.m.

Senators in Attendance: 62

Absent: Senators Adams (Anesthesiology), Kerr (Animal Science), Weaver (Community Development & Applied Economics), Smith (Education Rep 1) Joo Yoo (English Rep 1), Toolin (ERTC), Mehrtens (Geology), Kindsvatter (Leadership & Developmental Sciences), (Microbiology & Molecular Genetics), Solomon (Neurological Sciences Rep 2), Zenali (Pathology Rep 1), Moore (Pediatrics Rep 2), Dostmann (Pharmacology), Roberts (Romance Languages & Linguistics)

1. Approval of Minutes of the November 27, 2017 Meeting

Motion: To approve the minutes of the November 27, 2017 meeting

Vote: 91% approve, 0% oppose, 9% abstain

2. Faculty Senate President's Remarks – Cathy Paris made the following comments around the process and timeline for the IBB 2.0 steering committee:

- Members of the original IBB steering committee will continue to serve. New members are needed to fill vacant seats. Governance groups and Deans are in the process of nominating members for consideration.
- In January 2018, the IBB 2.0 Steering Committee will begin work, and is expected to make recommendations to President Sullivan by January 2019. IBB 2.0 will become effective by July 2019.
- The UVM community can provide input through the following two channels: 1) There is [survey](#) open to all members of the UVM community (faculty, staff & students) on the IBB Website, or 2) comments can be sent to the FPPC co-chair Andrew Barnaby at Andrew.Barnaby@uvm.edu. The survey on the IBB website will be open until January 19, 2018.
- The Faculty Senate will provide updates on the progress of the IBB 2.0 steering committee throughout the next year.

3. UVM President's Remarks – President Sullivan wished everyone a happy holiday. It has been a busy semester, and holidays offer a time for family friends, relaxation and renewal.

4. **UVM Provost's Remarks** – David Rosowsky shared his holiday wishes for UVM, by reading an excerpt from his upcoming [*Across the Green*](#) letter. Provost Rosowsky stated that we are operating in one of the most challenging, and rapidly changing, yet hopeful times in U.S. higher education. His holiday wish for the University of Vermont is that we continue to be a leader in higher education, a model for innovation and evolution, and an exemplar in delivering a truly liberal education. In *Across the Green*, Provost Rosowsky will offer specific strategies and initiatives that we are undertaking as a university to achieve that vision.
5. **Curricular Affairs Committee Report** – Laura Almstead brought forward the following curricular items for consideration:

A. Report out of items that do not require a Senate vote

i. New concentration in Anthropology in Archaeology and Heritage Management.

The Department of Anthropology in the College of Arts and Sciences submitted a request to add a formal concentration in Archaeology and Heritage Management to the existing Anthropology major.

ii. Request to change the Doctor of Physical Therapy designator from PT to DPT.

The Department of Rehabilitation and Movement Science in the College of Nursing and Health Sciences submitted a request to change the designator of the Doctor of Physical Therapy Program from PT to DPT “Doctor Physical Therapy”.

iii. Revisions to the Coversheet for New Program Proposals and Guidelines

Documents Names. The coversheet that accompanies proposals for new academic programs or research endeavors has been revised to update and clarify the document with the goals of making it easier for those developing new programs to complete and more useful to the Registrar's office. The names of the guidelines documents for new programs, substantial revisions to existing programs, and terminations of existing programs have also been revised to make them more succinct.

- B. Major and Minor in Health and Society, CAS.** The Curricular Affairs Committee reviewed and recommend approval of a proposed Health and Society (HSOC) interdisciplinary major and minor in the College of Arts and Science. These two programs were described in a single proposal because the overarching goals and learning objectives are the same for the major and minor, with the major offering a more in-depth educational experience than the minor. The major and the minor requirements are clear and accessible based on regularity of offering, availability of faculty, and absence of significant prerequisite barriers. There is currently adequate support for the program from all areas of UVM. There is a clear illustration of the differences between the newly approved HSCI (Health Sciences major) and the HSOC (Health and Society major), the first program having roots in the basic sciences and the second having roots in the social sciences. An active applicant pool is projected, drawn in large part from current UVM students.

The program is a high-quality offering, drawing on the skills of current and projected faculty and preparing graduates to undertake current careers and careers envisioned in the upcoming decades.

Motion: Laura Almstead called a vote to approve the proposed Health and Society (HSOC) interdisciplinary major and minor in the College of Arts and Science

Vote: 87% Approve, 6% Oppose, 8% Abstain

C. **MS in Engineering Management, CEMS.** The Curricular Affairs Committee reviewed and recommended approval of the proposed new tagged degree program, Master of Science in Engineering Management (major code: MSEM), submitted by the Graduate College in conjunction with the College of Engineering and Mathematical Sciences and the Grossman School of Business. The Master of Science in Engineering Management (MS in EM) will be a professional degree available as a regular coursework-only MS or as a project-based MS. It will include an Accelerated Master's Program (AMP) option for undergraduates majoring in Biomedical Engineering, Civil Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering. The proposed program, which combines business management skills with engineering management, is expected to enroll up to 20 full- and part-time students. The master's program is designed for students who intend to pursue careers related to the management of engineering, largely in private sector industry or government service. Specific objectives include training in the management of engineering, statistical quality control for manufacturing and product delivery, and engineering management information systems.

CEMS already offers a BS in Engineering Management, and the MS program will allow students in that program, as well as others interested in engineering management, to further their studies in this field. Although the BS program is not particularly popular at UVM or other schools, MS in EM programs nationwide are in high demand. The program will rely on existing courses in CEMS and GSB, with only one new course, Engineering Management 201, being added as a required course. The program aligns with the current mission of UVM in that it will increase STEM education across campus.

Motion: Laura Almstead called a vote to approve the proposed new Master of Science in Engineering Management submitted by the College of Engineering and Mathematical Sciences in conjunction with the Graduate College and the Grossman School of Business.

Vote: 82% Approve, 10% Oppose, 8% Abstain

D. **PhD in Complex Systems and Data Science, CEMS.** The Curricular Affairs Committee has reviewed and recommend approval of the proposal for a new PhD in Complex Systems and Data Science, submitted by the College of Engineering and Mathematical Sciences in conjunction with the Graduate College. The central aim of the PhD in Complex Systems and Data Science is to train emerging data scientists to understand and solve data-rich, complex systems problems comprised of natural, technological, and social dimensions spanning many disciplines. The proposers offer a strong rationale for the degree and the need to prepare graduates in the discipline.

The PhD in CSDS builds an independent research framework into the current CSDS Master's degree. While the program will be housed in CEMS, the training allows students to choose projects from a wide variety of disciplines. All needed courses have already been established and the faculty clearly have the expertise and capacity to support the new PhD and its students.

Motion: Laura Almstead called a vote to approve the proposed PhD in Complex Systems and Data Science in the College of Engineering and Mathematical Sciences in conjunction with the Graduate College

Vote: 82 % Approve, 7 % Oppose, 11% Abstain

E. **Uncontested termination of the CGS in Sustainable Transportation Systems and Planning.** The Graduate College requests that the Certificate of Graduate Study in Sustainable Transportation Systems and Planning (CGS-STSP) be eliminated. This request was initiated by

the CG S-STSP Program Coordinator, Professor Glenn McRae, and is uncontested. There are no active students in the program.

Motion: Laura Almstead moved to approve the proposal to terminate (uncontested) the Certificate of Graduate Study in Sustainable Transportation Systems.

Vote: 96% Approve, 2% Oppose, 2% Abstain

F. Creation of Master of Professional Studies (MPS) degree at UVM, and Termination of Leadership for Sustainability Concentration in MS in Natural Resources, RSENR. At its meeting on November 4, 2017, the Curricular Affairs Committee approved a proposal submitted by the Rubenstein School of Environment and Natural Resources (RSENR) and the Graduate College to change the existing Leadership for Sustainability (LS) Concentration of the Master of Science (MS) in Natural Resources to a separate Master of Professional Studies (MPS) in Leadership for Sustainability. Implicit in that approval were two related actions:

1 - Approval of the creation of a new degree at the University of Vermont, the Master of Professional studies (MPS) degree. A Master of Professional Studies degree is concentrated in a field of applied studies. MPS degrees are often interdisciplinary, and are designed for current or aspiring professionals with an emphasis on professional skills. Although MPS degrees are relatively common nationwide, they have not previously been offered at UVM.

2 - The termination of the existing Leadership for Sustainability Concentration in the Master of Science in Natural Resources. Support for the termination is widespread: the request to replace the Leadership for Sustainability Concentration in the NR MS with an MPS in Leadership for Sustainability was endorsed by RSENR Dean Mathews and was unanimously approved by the RSENR Curriculum Committee and the faculty. CDE Dean Belliveau, the Graduate College Executive Council, and Cynthia Forehand, Dean of the Graduate College also supported the requested change.

However, since the November approval of the change of the LS concentration in the Natural Resources MS degree program to a new MPS degree program, it has become clear that it is necessary to make *explicit* CAC and Senate approval of 1) the new MPS degree and 2) the termination of the existing LS concentration. Thus, the CAC voted to approve each of these two actions on December 8, 2017, and recommend their approval by the Faculty Senate.

Motion: Laura Almstead called a vote to create a Master of Professional Studies (MPS) degree at UVM, and to terminate the Leadership for Sustainability Concentration in the MS in Natural Resources, RSENR

Vote: 87% Approve, 2% Oppose, 11% Abstain

6. **New Business** – none at this time.

7. **Adjourn at 4:58 p.m.**

2017-18 Faculty Senate Meetings (all meetings will be held 4:00 – 5:30 p.m. in Memorial Lounge

January 22, 2018

March 26, 2018

May 17, 2018

February 26, 2018

April 23, 2018