



MEMORANDUM

To: Executive Committee of Faculty Council (October 5, 2020)
Faculty Council (October 23, 2020)

From: Professor Bryan Karney
Associate Dean, Cross-Disciplinary Programs

Date: May 15, 2020

Re: **Inclusion of the Undergraduate Sustainable Energy Minor and Environmental Engineering Minor in the U of T Sustainability Scholar Program**

REPORT CLASSIFICATION

This is a routine or minor policy matter that will be considered by the Executive Committee for approving and forwarding to Faculty Council for information.

BACKGROUND

The University of Toronto Sustainable Scholar Working Group was created out of the President's Advisory Committee on the Environment, Climate Change and Sustainability. The intent of the working group is to enhance programming in sustainability for the University as a whole. As part of this, they proposed to create the U of T Sustainability Scholars program, a U of T transcript recognition similar to that which was recently created for the U of T Global Scholars program, to recognize students pursuing studies in the area of sustainability.

The Faculty's existing undergraduate minors in Sustainable Energy and Environmental Engineering, offered through the Cross-Disciplinary Programs Office, were identified as appropriate programs for inclusion in this initiative.

PROPOSED CHANGES

In order to add these minor programs to the Sustainability Scholars program, the title of the minor in the calendar entry and the notation on students' transcripts will now read "Sustainable Energy Minor (U of T Sustainability Scholar)" and "Environmental Engineering Minor (U of T Sustainability Scholar)". Revised calendar entries are shown below.

CONSULTATION

The title and transcript notation changes were discussed and approved by the Undergraduate Curriculum Committee.

CALENDAR ENTRIES

The calendar entry for the Sustainable Energy Minor will now read as follows:

Sustainable Energy Minor (U of T Sustainability Scholar)

This minor is intended for students interested in learning more about energy, its sustainable use, energy demand management, and the public policy context in which energy use and production is regulated.

Our courses reach all areas of energy use, production, distribution, transmission, storage, and development. This includes energy use and production for transportation, space cooling and heating demands; electrical production, energy distribution and storage; and extends to energy conservation, price, greenhouse gas production and control, and aspects of public policy.

Students who complete the requirements of the Sustainable Energy Minor are considered University of Toronto Sustainability Scholars.

The calendar entry for the Environmental Engineering Minor will now read as follows:

Environmental Engineering Minor (U of T Sustainability Scholar)

Students interested in learning more about ecology, sustainable design, risk assessment and environmental impact may be interested in this minor.

Our definition of environmental engineering is broad, reaching to all areas at the interface of engineering and the environment. This includes ecology and ecological impacts, waste management, water and wastewater treatment, environmental microbiology, water resources engineering, hydrology, preventive engineering, life cycle analysis, design for the environment, and extends to the social and environmental impacts of technology. **Students who complete the requirements of the Environmental Engineering Minor are considered University of Toronto Sustainability Scholars.**

RECOMMENDATION FOR FACULTY COUNCIL

For information.