

ACADEMIC COUNCIL REPORT

ACTION REQUESTED:

Recommendation	<input type="checkbox"/>
Decision	<input type="checkbox"/>
Discussion/Direction	<input type="checkbox"/>
Information	<input checked="" type="checkbox"/>

DATE: 23 November 2021

FROM: Undergraduate Studies Committee

SUBJECT: Minor Program Adjustment – Bachelor of Engineering in Nuclear Engineering programs

COMMITTEE MANDATE:

In accordance with Section 1. b) of the Undergraduate Studies Committee (USC) Terms of Reference, USC has the responsibility “to approve minor program adjustments and report them to Academic Council for information.”

BACKGROUND/CONTEXT & RATIONALE:

Prior to the 2018 CEAB visit, a taskforce was formed by the Dean of FESNS to explore making Nuclear Engineering and Nuclear Engineering and Management take the common first year, which would help the Graduate Attribute (GA) coverage. The taskforce made a number of recommendations that were shared with the Dean and the CEAB during the accreditation visit. The submitted material to CEAB included a common first year as a way forward, however, after the visit no formal academic changes were made.

Last year the Engineering Curriculum Committee (ECC) received course changes, which now include some GA and learning outcomes which are a part of the common first year (NUCL 1530U, ENGR 1015U). The Nuclear Engineering Program Curriculum Committee (PCC) also considered the change that ESNS 1200U is an equivalent course to ENGR 1025U and would cover all GAs and there was no need to take the common first year.

However, it was discovered that the sequencing of the courses was not in order and does not resemble the progression of GA's (ENGR 1015U/ENGR 1025U). In preparation for the next CEAB visit, to rectify the outcome, and to change the sequence of courses, the Dean of FESNS presented the proposed changes to be implemented:

Remove ESNS 1200U from Year 1, Semester 2 of the program map

Add ENGR 1025U to Year 1, Semester 2 of the program map

Move NUCL 1530U from Year 1, Semester 2 to Year 1, Semester 1 of the program map

These changes were proposed after the current Calendar cycle and thus, with the approval of the Provost, were implemented on a temporary basis for the 2021-2022 academic year. These changes are now coming forward as required for approval to continue.

RESOURCES REQUIRED:

There are no additional resources required to make these changes.

TRANSITION PLAN:

This change will continue with new incoming students in the Fall of 2022.

CONSULTATION AND APPROVAL:

Undergraduate Studies Committee: October 2021

Engineering Faculty Council: October 4, 2021

Engineering Curriculum Committee: September 20, 2021

Dean executive decision presented to FESNS FC: 19 August 2021

NEXT STEPS:

After presentation to Academic Council for information, this change will be included in the 2022-2023 Academic Calendar.

SUPPORTING REFERENCE MATERIALS:

- Minor Program Adjustment Proposal – [Nuclear Engineering](#)
- Course Change: [ENGR 1025U](#)