

ACADEMIC COUNCIL REPORT

ACTION REQUESTED:

Recommendation
Decision
Discussion/Direction
Information

DATE: 26 February 2019

FROM: Faculty of Energy Systems and Nuclear Science

SUBJECT: Minor Program Adjustment – Bachelor of Technology in Sustainable Energy Systems

COMMITTEE MANDATE:

The Curriculum and Program Review Committee (CPRC) approved the Minor Program Adjustment to the Bachelor of Technology in Sustainable Energy Systems in accordance with its mandate under Section 3, Part B:2 of the University's Institutional Quality Assurance Process (Quality Assurance Handbook).

CPRC is providing this report to Academic Council for information.

BACKGROUND/CONTEXT & RATIONALE:

The Faculty has updated the required courses in response to feedback received during the program approval process. Some new courses were created to replace core FEAS/NUCL courses which were originally in the program, which will address possible CEAB accreditation requirements. The core chemistry course will now be offered by the Faculty of Science, which will allow students additional access to experts in the FS and the use of existing chemistry laboratories. Minor adjustments have been made to course content to improve the learning experience, and there have been minor changes to the list of elective offerings for the program that will better suit the needs of students. An additional correction to add a missing pre-requisite in the Bridge program will better prepare students for success.

RESOURCES REQUIRED:

The creation of six (6) new courses will require instructors. Teaching assistant hours and laboratory costs are unaffected. With the chemistry course moving to Science, FESNS will no longer incur the cost of this instructor, teaching assistant hours, and laboratories.

CONSULTATION AND APPROVAL:

CPRC Approval: January 18, 2019

Faculty Council Approval: December 20th, 2018

Faculty UCC: December 13th, 2018

NEXT STEPS:

- These changes will be included in the 2019-2020 Academic Calendar
- The expected date of implementation is the Fall semester of 2019, the program launch date.

SUPPORTING REFERENCE MATERIALS:

- Minor Program Adjustment Proposal and Program Maps
- New Course Proposals: CHEM 1110U, ESNS 2140U, ESNS 3200U, ESNS 3380U, ESNS 3750U, ESNS 3740U, ESNS 4660U
- Course Change Proposals: ENSY 2210U, ENSY 4400U