

UNIVERSITY COUNCIL
ACADEMIC PROGRAMS COMMITTEE
ITEM FOR INFORMATION

PRESENTED BY: Carolyn Augusta, Chair, Academic Programs Committee

DATE OF MEETING: January 30, 2025

SUBJECT: College of Engineering Civil Engineering Upper Year Program Changes

ACTION: For Information Only

CONTEXT AND BACKGROUND:

The College of Engineering is proposing a reduction in the total number of credit units in the Civil Engineering program from 149 to 143 associated with recent curriculum changes.

A number of curricular changes to the Civil Engineering program were recently approved by the Academic Programs Committee in June 2024 including the removal of 3 credit units of Humanities or Social Science electives (Year 3) and the removal of 3 additional credit units of CE Elective Courses (Groups W, G, S, P, or R) (Year 4). These changes resulted in a reduction in the number of credit units from 149 to 143 because the number of credit units in each of the 3rd and 4th years decreased from 36 to 33. The college has been asking the department to decrease the perceived high student workload in the Civil Engineering program and to find ways to reduce high faculty teaching loads. The credit unit reduction partially addresses both concerns. In addition, the number of accreditation units (AUs) in the existing Civil Engineering program is high relative to most other programs in the college and exceeds the Canadian Engineering Accreditation Board's (CEAB) requirement of 1850 AUs by a large margin. The program changes decrease the number of AUs by approximately 100, bringing the total closer to the CEAB requirement and to those of other programs in the college.

CONSULTATION:

On January 8, 2025, the College of Engineering brought forward a proposal to the Academic Programs Committee of Council (APC). Members had the opportunity to review the proposal and ask questions. The Committee voted in favour of the change.

ATTACHMENTS:

1. College of Engineering Civil Engineering Upper Year Program Changes Proposal



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Proposal for New Programs or Curricular Changes

Title of proposal: Minor Curricular Changes to Existing Civil Engineering (CE) Program

Degree (s): Bachelor of Science (B.Sc.) in Engineering
Field (s): Engineering
Level (s) of Concentration: Upper years – Years 2, 3, & 4 of the Civil Engineering Program
Option (s): N/A
Degree College: Engineering
Contact Person (s): Ms. Temi Ojo, Tel: (306) 966-3201, temitope.ojo@usask.ca.
Proposed Date of Implementation: May 01, 2025

Proposal Document

Please provide information which covers the following subtopics. The length and detail should reflect the scale or importance of the program or revision. Documents prepared for your college may be used. Please expand this document as needed to embrace all your information.

Academic Justification

- a. Describe why the program would be a valuable addition to the university from an academic programming perspective. (Please see attached detailed college motions and supplementary documents, in a Word document)
- b. Considering strategic objectives, specify how the new program fits the university signature areas and/or institutional plans and/or the college/school and/or department plans. (N/A)
- c. Is there a particular student demographic this program targets, and if so, what is that target? (e.g., Indigenous, mature, international, returning) (No change to current program)
- d. What are the most similar competing programs in Saskatchewan and Canada? How is this program different? (N/A for this minor curricular change)



Admissions

The **Admission Framework** document must be reviewed to determine how an applicant will be considered for admission. There are several factors to consider when creating a new program. The Manager, Admissions and Transfer Credit, can assist in the development of the criteria. Information determined here should then be used to inform the completion of an Admission Template as found on <https://programs.usask.ca/programs/admission-requirements.php>.

- a. **What are the admissions requirements** of this program – high school subjects, secondary or post-secondary standing, minimum averages, English proficiency, and minimum scores on standardized tests? *(N/A - no change)*
- b. **What are the selection criteria** – how will you rank and select applicants? For example, ranking by admission average, admission test scores, interview scores, departmental recommendations, auditions, portfolios, letters of reference, admission essays, and definition of essential abilities for professional practice? *(N/A - no change)*
- c. **What are admission categories** – regular admission, special admission, and Indigenous equity admission? *(N/A - no change)*
- d. **What are the admission models** – direct entry, non-direct entry, ranked competitive or cut-off average? Is a confirmation of admission required? *(N/A - no change)*
- e. **Intake** – how many seats are required to be filled – for first year and transfer students, reserved for Indigenous, Saskatchewan, out-of-province, and international students? *(N/A - no change)*
- f. **What are the application process and timelines** – September or January intakes, online application, application and document deadlines, and scholarship deadlines to consider? *(N/A - no change)*
- g. **Which office will manage the admission process** – TLSE, college, department, or a combination? *(N/A - no change)*
- h. **Marketing and Promotion of New Program** – consideration needs to be given to a communications plan and marketing of the new program. *(N/A - no change)*
- i. **Admissions Appeal** – what will this process be. *(N/A - no change)*
- j. **Transfer Credit** – when will this be assessed and by which office?

These changes will not impact the current Admissions Office transfer credit processes



Description of the program

- a. What are the curricular objectives, and how are these accomplished? *(N/A - not a new program)*
- b. Describe the modes of delivery, experiential learning opportunities, and general teaching philosophy relevant to the programming. Where appropriate, include information about whether this program is being delivered in a distributed format. *(N/A - not a new program)*
- c. Provide an overview of the curriculum mapping. *(N/A - not a new program)*
- d. Identify where the opportunities for synthesis, analysis, application, critical thinking, problem-solving are, and other relevant identifiers. *(N/A - not a new program)*
- e. Explain the comprehensive breadth of the program. *(N/A - not a new program)*
- f. Referring to the university “Learning Charter”, explain how the learning pursuits are addressed and what degree attributes and skills will be acquired by graduates of the program. *(N/A - not a new program)*
- g. Describe how students can enter this program from other programs (program transferability). *(N/A - not a new program)*
- h. Specify the criteria that will be used to evaluate whether the program is a success within a specified timeframe. *(N/A - not a new program)*
- i. If applicable, is accreditation or certification available, and if so, how will the program meet professional standard criteria? Specify in the budget below any costs that may be associated. *(N/A - not a new program)*

Consultation

- a. Describe how the program relates to existing programs in the department, in the college or school, and with other colleges. Establish where students from other programs may benefit from courses in this program. Does the proposed program lead into other programs offered at the university or elsewhere? *(N/A - not a new program)*
- b. List units that were consulted formally and provide a summary of how consultation was conducted and how concerns that were raised in consultations have been addressed.



Attach the relevant communication in an appendix. *(Extensive department and program meetings, discussions, and consultations done)*

- c. Proposals that involve courses or other resources from colleges outside the sponsoring unit should include evidence of consultation and approval. Please give special consideration to pre- and co-requisite requirements when including courses from other colleges. *(N/A, only the College of Engineering will be impacted by these minor changes)*
- d. List other pertinent consultations and evidence of support, if applicable (e.g., professional associations, accreditation bodies, potential employers, etc.)

Consultation within the College was conducted to ensure that no adverse impacts to accreditation units (AU) will result in the future

Budget

The ***Budgetary and Financial Implications Form*** must be completed to determine the cost impact of the proposed program. **Information about budget and financial implications appears in that form.**

College Statement

Please provide here a statement from the College which contains the following:

- Recommendation from the College regarding the program.
- Description of the College process used to arrive at that recommendation.
- Summary of issues that the College discussed and how they were resolved.

Related Documentation

In the submission, please attach any related documentation which is relevant to this proposal, such as:

- Relevant sections of the College's/School's plan. *(N/A - due to the minor nature of these changes)*
- Accreditation review recommendations. *(N/A - due to the minor nature of these changes)*



- Letters of support - if courses from colleges outside the sponsoring unit are required, please include letters of support for each. *(N/A - due to the minor nature of these changes)*
- Memos of consultation. *(If the Governance Office would like a copy of the UAPC meeting minutes, please advise)*
- External Agreements – if the new program or major revision is dependent upon an external partnership or agreement, this must be completed and included. *(N/A)*

Consultation Forms

Attach the following forms, as required. Required for all submissions:

- Consultation with the Registrar form (Note: this form will be completed by SIS during the Consultation with the Registrar meeting. Completion is based upon the proposal and the meeting discussion; no preliminary work from the college is required).
- Budget forms, including tuition.
- Complete Catalogue entry, if proposing a new program, or excerpt of existing program with proposed changes **marked in red**.
 - Please include admission requirements, complete program of study, and all new, deleted or changed courses in the entry.
- Entry for marketing website: admissions.usask.ca/programs/find-a-program OR gradprograms.usask.ca as appropriate.
- Entry for the Tuition website: students.usask.ca/money/tuition.

Required for all new courses:

- New Course Proposal Form. *(N/A)*

Required if resources needed: Please consult the attached checklist below for a list of necessary forms to be completed and included in the application package.

Submission of Form: Please submit all completed Proposal for Curricular Changes and other required forms to this email address: academic_programs@usask.ca.



Academic Programs Approval Process

Checklist of forms and consultations to be completed before submission of a Proposal for New Programs or Curricular Changes to Academic Programs Committee of Council

	Required Consultation/Office	Required Form (As Applicable)	Date Completed (If not required, briefly explain why)	Who did you meet with?
1	Consultation with other colleges, re: impact or similar programs.	N/A	N/A	N/A
2	Financial Sustainability/Tuition Review.	<i>Budgetary & Financial Implications Worksheet</i>	<i>College has been in contact with</i>	<i>The SFO Ms. Kyla Shea</i>
3	Consultation with Manager, Admissions & Transfer Credit.	<i>Admissions Template</i>	N/A	N/A
4	Budget Consultation with Institutional Planning & Assessment.	<i>Budgetary & Financial Implications Worksheet</i>	<i>College has been in contact with</i>	<i>The SFO Ms. Kyla Shea</i>
5	Provost sign-off on Budgetary & Financial Implications Worksheet.	<i>Budgetary & Financial Implications Worksheet</i>	<i>College has been in contact with</i>	<i>The SFO Ms. Kyla Shea</i>
6	Secure College Faculty Council Approval.	<ul style="list-style-type: none"> • <i>Proposal for Academic or Curricular Change Form</i> • <i>Completion of Physical Resource and Space Requirement Form</i> • <i>Completion of Library Requirement Form</i> • <i>Completion of ICT Requirement Form</i> • <i>Completion of New Course Creation Form</i> 	<p><i>Will be circulated on Nov. 2024 Faculty Council</i></p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	



		<ul style="list-style-type: none"> • <i>Completion of Catalogue Entry</i> 	<i>Will be circulated on Nov. 2024 Faculty Council</i>	
7	(For Graduate Programs) Secure College of Graduate & Postdoctoral Studies Approval.	(As above)	<i>N/A</i>	
8	Consultation with Registrar	<i>Consultation with the Registrar Form (completed during the consultation)</i>		

Updated August 2023



Supplementary Documents for Minor Curriculum changes to existing Civil Engineering (CE) Program submission

Note: Please see the official *Proposal for New Programs or Curricular Changes* form from the University Governance Office for most of our College of Engineering submission. However, certain supplementary components will be provided here.

Under the **“Proposal Document”** section of the official form, it indicates to provide information that will help explain and unpack the proposed curricular changes. Our college will do so drawing upon the following additional supplementary materials:

1. **Approved motion and its corresponding rationale** from our **Undergraduate Academic Programs Committee (UAPC) meeting** – held in September 2024.
2. **Proposed Civil Engineering (CE) program mark-up of the future state Course and Program Catalogue (2025-2026).**

It may also be helpful to note that in late Spring 2024, the College of Engineering’s UAPC also approved curricular changes to the Civil Engineering (CE) program, which also was a part of this overall curricular change (but at a more granular level of detail). If needed, our College is more than willing to also forward any additional UAPC motions and rationales from the June 2024 UAPC meeting.

Please see below for the following supplementary documents. Thank you.



Approved motion and its corresponding rationale from our Undergraduate Academic Programs Committee (UAPC) meeting – held in September 2024

MOTION: That the reduction in the number of credit units in the Civil Engineering program from 149 to 143 associated with recent curriculum changes be approved (*for implementation effective in the 2025-2026 academic year, pending all levels of curricular authority approval*).

The reduction of cu is due to the removal of a requirement to complete 3 cu of Hum/Soc Sc electives (Year 3) and the removal of 3 additional credit units CE Elective Courses (Groups W, G, S, P, or R) (Year 4)

RATIONALE: A number of curricular changes to the Civil Engineering program were recently approved by UAPC (specifically, in June 2024). These changes resulted in a reduction in the number of credit units from 149 to 143 because the number of credit units in each of the 3rd and 4th years decreased from 36 to 33. The college has been asking the department to decrease the perceived high student workload in the Civil Engineering program and to find ways to reduce high faculty teaching loads. The credit unit reduction partially addresses both concerns. In addition, the number of accreditation units (AUs) in the existing Civil Engineering program is high relative to most other programs in the college and exceeds CEAB's requirement of 1850 AUs by a large margin. The program changes decrease the number of AUs by approximately 100, bringing the total closer to the CEAB requirement and to those of other programs in the college.



Proposed Civil Engineering (CE) mark-up of the future state Course and Program Catalogue (2025-2026).

Civil Engineering

Bachelor of Science in Engineering (B.E.) - Civil Engineering (~~149~~**143** credit units)

- [Admissions](#)
- [Academic policies](#)
- [Year 1 \(41-44 credit units\)](#)
- [Year 2 \(36 credit units\)](#)
- [Year 3 \(~~36~~ 33 credit units\)](#)
- [Year 4 \(~~36~~ 33 credit units\)](#)
- [Electives](#)

Civil Engineering covers the areas of structural, materials, transportation, geotechnical, water, and project engineering. These are strongly interrelated sub-disciplines. Students in civil engineering are exposed to all areas of civil engineering **throughout the program**. **During** the program's second and third **years**, students take courses to learn the fundamental concepts needed for civil engineering work. **Final year courses provide** a broad-based civil engineering technical background **while allowing a limited degree of specialization through technical elective course offerings**. Two design project courses give students experience in solving open-ended problems and working with industry **partners**.

All undergraduate students admitted to the College of Engineering are required to complete a common first-year of undeclared studies (known as the first-year common core). Once the first year common core program has been completed, undergraduate students declare their preferences and compete for admission into an upper-year program. Students who are successful in securing admission into an upper-year program are required to follow the program of study that is prescribed at the time of their admission into the upper-year program.

Recognizing that course and program changes may result in a modification to the original program of study, it is recommended that undergraduate students consult an Academic Advisor within the Engineering Student Centre on a regular basis to confirm their program of study, choose courses (including electives), and monitor their academic progress.

Year 1 (41-44 credit units)



All Engineering programs have a common first year.

Year 2 (36 credit units)

Fall Term

- CE 202.3 Spatial Analysis and Engineering Drawings
- ~~CE 212.3~~ Civil Engineering Materials
- CE 213.3 Mechanics of Materials
- GE 210.3 Probability and Statistics
- GEOL 121.3 Earth Processes
- MATH 223.3 Calculus III for Engineers

Winter Term

- ~~CE 213.3~~ Mechanics of Materials
- CE 212.3 Civil Engineering Materials
- CE 317.3 Structural Analysis to be renamed to "*CE 217.3 Structural Analysis*"
- CE 225.3 Fluid Mechanics
- ~~CE 295.3~~ Design Project
- GEOE 218.3 Engineering Geology
- MATH 224.3 Calculus IV for Engineers

Fall Term or Winter Term

- 3 credit units Science Elective
- RCM 200.3 Effective Professional Communication

Year 3 (~~36~~ 33 credit units)

Fall Term

- CE 315.3 Fluid Mechanics and Hydraulics
- ~~CE 317.3~~ Structural Analysis
- CE 318.3 ~~Applied Engineering Mathematics~~ To be renamed to: "*CE 318.3 Numerical Methods in Civil, Geological, and Environmental Engineering*"
- CE 320.3 Project Engineering
- CE 328.3 Fundamentals of Soil Mechanics
- CE 329.3 Transportation Engineering I
- GE 348.3 Engineering Economics

Winter Term



- [CE 319.3](#) Hydrology
- [CE 321.3](#) Structural Systems and Materials
- [CE 327.3](#) Municipal Engineering
- ~~[CE 329.3](#) Transportation Engineering I~~
- [CE 330.3](#) Geotechnical Engineering
- [CE 295.3](#) Design Project - to be renamed to “*CE 395.3 Transportation Design Project.*”
- ~~3 credit units Humanities or Social Science Elective~~

Year 4 (~~36~~ 33 credit units)

Fall Term

- [CE 415.3](#) Structures for Water Management
- [CE 417.3](#) Pavement Materials and Design
- [CE 418.3](#) Design in Reinforced Concrete
- [CE 466.3](#) Geotechnical Modelling
- [GE 449.3](#) Engineering in Society

Fall Term and Winter Term

- [CE 495.6](#) Capstone Design Project

~~Fall Term or Winter Term~~

~~27 credit units (9 courses)~~

- ~~3 credit units CE Elective Courses (Group G)~~
- ~~3 credit units CE Elective Courses (Group P)~~
- ~~3 credit units CE Elective Courses (Group S)~~
- ~~3 credit units CE Elective Courses (Group W)~~
- ~~12 additional credit units CE Elective courses (Groups W, G, or S)~~
- ~~3 additional credit units CE Elective courses (Groups W, G, S, P, or R)~~

Winter Term

- ~~[GE 449.3](#) Engineering in Society~~
- [CE 470.3](#) Design in Structural Steel
- 3 credit units Humanities or Social Science Elective
- 3 credit units CE Elective
- 3 credit units CE or Related CE elective

Electives



Science Elective

- [ASTR 213.3](#) Astronomical Photometry
- [ASTR 214.3](#) Astronomical Spectroscopy
- [BIOL 120.3](#) The Nature of Life
- [CHEM 221.3](#) Analytical Chemistry I
- [CHEM 231.3](#) Inorganic Chemistry I
- [CHEM 242.3](#) Thermodynamics and Kinetics
- [CHEM 250.3](#) Introduction to Organic Chemistry
- [EVSC 203.3](#) Sampling and Laboratory Analysis
- [EVSC 210.3](#) Environmental Physics
- [GEOG 120.3](#) Introduction to Global Environmental Systems
- [GEOL 224.3](#) Mineralogy
- [GEOL 245.3](#) Introduction to Sedimentary Rocks
- [GEOL 258.3](#) Structural Geology

CE Elective Courses

CE electives are offered subject to minimum enrolment and staffing considerations.

- [CE 468.3](#) Environmental Geotechnics
- [CE 474.3](#) Design in Masonry
- [CE 421.3](#) Engineering Project Management
- [CE 467.3](#) Transportation Engineering II
- [ENVE 414.3](#) Water and Wastewater Engineering
- [GEOE 375.3](#) Engineering Hydrogeology

~~Civil Engineering students are required to complete 27 credit units from Groups W, G, S, P, or R:~~

~~W: Water and Municipal Engineering~~

- ~~• [CE 415.3](#) Structures for Water Management~~
- ~~• [CE 464.3](#) Water Resources Engineering~~
- ~~• [ENVE 414.3](#) Water and Wastewater Engineering~~
- ~~• [GEOE 375.3](#) Engineering Hydrogeology~~

~~G: Soil, Pavement and Geotechnical Engineering~~

- ~~• [CE 417.3](#) Pavement Materials and Design~~
- ~~• [CE 466.3](#) Geotechnical Modelling~~
- ~~• [CE 468.3](#) Environmental Geotechnics~~
- ~~• [GEOE 315.3](#) Rock Mechanics~~

~~S: Structural Engineering~~



- ~~[CE 418.3](#) Design in Reinforced Concrete~~
- ~~[CE 463.3](#) Advanced Structural Analysis~~
- ~~[CE 470.3](#) Design in Structural Steel~~
- ~~[CE 474.3](#) Design in Masonry~~

P: Projects and Planning

- ~~[CE 421.3](#) Engineering Project Management~~
- ~~[CE 467.3](#) Transportation Engineering II~~
- ~~[ENVE 381.3](#) Sustainability and Environmental Assessment~~
- ~~[GE 496.3](#) Technological Innovation Design Project~~

R: Related Courses

- ~~[ME 478.3](#) Introduction to Fire Protection Engineering~~
- ~~[PLAN 341.3](#) Urban Planning~~
- ~~[PLAN 350.3](#) Transportation Planning and Geography~~
- ~~[RCM — 400-Level](#)~~

Related CE Elective Courses

Related CE electives are offered subject to minimum enrolment and staffing considerations.

- [ENVE 381.3](#) Sustainability and Environmental Assessment
- [ME 478.3](#) Introduction to Fire Protection Engineering
- [GE 496.3](#) Technological Innovation Design Project
- [GEOE 315.3](#) Rock Mechanics

Humanities or Social Science Elective

- [ANTH 111.3](#) One World Many Peoples Introduction to Cultural Anthropology
- [ANTH — 200-Level, 300-Level, 400-Level](#)
- [ARCH 112.3](#) The Human Journey Introduction to Archaeology and Biological Anthropology
- ARCH 116.3
- [ARCH — 200-Level, 300-Level, 400-Level](#)
- [CLAS 104.3](#) Classical Myths
- [CLAS 110.3](#) Greek Civilization
- [CLAS 111.3](#) Roman Civilization
- [CLAS — 200-Level, 300-Level, 400-Level](#)
- [CMRS 110.3](#) The Graeco Roman Tradition Evolution and Reception
- [CMRS 111.3](#) Medieval and Renaissance Civilization
- [ECON 111.3](#) Introductory Microeconomics



- [ECON 114.3](#) Introductory Macroeconomics
- [ECON — 200-Level, 300-Level, 400-Level](#)
- [ENG — 200-Level, 300-Level, 400-Level](#)
- [GEOG 130.3](#) Environment Health and Planning
- [GEOG 202.3](#) Regional Geography of Canada
- [GEOG 204.3](#) Geography of the Prairie Region
- [GEOG 208.3](#) World Regional Development
- [GEOG 240.3](#) Sustainable Cities and Regions
- [GEOG 280.3](#) Environmental Geography
- HIST 110.3
- HIST 111.3
- [HIST 115.3](#) History Matters Ideas and Culture
- HIST 121.3
- HIST 122.3
- [HIST 125.3](#) History Matters Indigenous Colonial and Post Colonial Histories
- [HIST 135.3](#) History Matters Gender Sex and Society
- [HIST 145.3](#) History Matters War Violence and Politics
- [HIST 155.3](#) History Matters Science and Environment
- [HIST 165.3](#) History Matters Health and Society
- [HIST 175.3](#) History Matters Identities and Communities in Transition
- [HIST — 200-Level, 300-Level, 400-Level](#)
- [INDG 107.3](#) Introduction to Canadian Indigenous Studies
- [INDG — 200-Level, 300-Level, 400-Level](#)
- [IS — 200-Level, 300-Level, 400-Level](#)
- [LING 111.3](#) Structure of Language
- [LING 112.3](#) Dynamics of Language
- [PHIL 120.3](#) Knowledge Mind and Existence
- [PHIL 133.3](#) Introduction to Ethics and Values
- [PHIL 140.3](#) Critical Thinking
- [PHIL — 200-Level, 300-Level, 400-Level](#)
- [POLS 111.3](#) Politics Power and Government
- [POLS 112.3](#) Justice and Injustice in Politics and Law
- [POLS — 200-Level, 300-Level, 400-Level](#)
- [PSY 120.3](#) Biological and Cognitive Bases of Psychology
- [PSY 121.3](#) Social Clinical Cultural and Developmental Bases of Psychology
- [PSY — 200-Level, 300-Level, 400-Level](#)
- [RLST — 200-Level, 300-Level, 400-Level](#)
- [SOC 111.3](#) Foundations in Sociology Society Structure Process
- [SOC 112.3](#) Foundations in Sociology Social Construction of Everyday Life
- [SOC — 200-Level, 300-Level, 400-Level](#)
- [WGST 112.3](#) Introduction to Women's and Gender Studies
- [WGST — 200-Level, 300-Level, 400-Level](#)



- **Exception:** ECON 204 cannot be used to meet the Complementary Studies, Humanities or Social Science elective requirements of the program.
- **Exception:** PSY 233 and PSY 236 cannot be used to meet the Complementary Studies, Humanities or Social Science elective requirements of the program.
- **Exception:** PHIL 241 cannot be used to meet the Humanities or Social Science elective requirements of the program.
- **Exception:** SOC 225 cannot be used to meet the Complementary Studies, Humanities or Social Science elective requirements of the program.
- **Note:** The following Engineering courses will also satisfy the Humanities/Social Science elective requirement: RCM 400, RCM 401, RCM 402, RCM 403, RCM 404, RCM 405, RCM 406, RCM 407, RCM 408, RCM 409, RCM 410, and RCM 495.

Consultation with the Registrar (CWR) – Proposal Highlights

Title of Proposal: Bachelor of Science in Engineering (B.E.) in Civil Engineering – Major Program Revisions

General Description: The college proposes a 6 credit unit reduction to the program, specifically as follows:

Year 3 - remove the requirement to complete 3 credit units of Humanities or Social Science Electives

Year 4 - remove the requirement to complete 3 credit units Civil Engineering Elective Courses

The overall credit units for the program will be reduced from 149 to 143. While some of the existing courses are being moved around in the program, no other requirements are being removed or added.

Degree College: College of Engineering

Effective Term: May 2025

Course implications

- There are no associated new courses, course changes, or course deletions

Registration and classes

- Existing class time slots, terms, and sessions

Convocation

- N/A

Financial and Budget

- Standard tuition rates and per credit unit method of assessment
- Provost approved to proceed with CWR step

Student Mobility

- No unique mobility or external partners/agreements