

SUSTAINABLE ENERGY ENGINEERING

Academic Planning Form for Students Beginning Fall 2024 Onwards

Student ID: _____

COURSE SEQUENCING

Sustainable Energy Engineering students are recommended to follow the schedule as closely as possible so that prerequisites are met for the following terms. Courses are shown in the term in which they are typically offered. Consequences of deviating from this schedule are the responsibility of the student.

SEE 110 (3)

Energy, Environment & Society

MATH 151 (3) OR 150 (4)

Calculus I or Calculus I with Review

CMPT 130 (3)

Intro to Computer Programming I

SEE 100 (3)

Engineering Graphics & Software for Design

SEE 101W (3)

Process, Form & Convention in Professional Genres

PHYS 140 (4)

Mechanics & Modern Physics

SEE 111 (4)

Integrated Energy Solution I

MATH 152 (3)

Calculus II

MATH 232 (3)

Applied Linear Algebra

CMPT 135 (3)

Intro to Computer Programming II

CHEM 121 (4) or CHEM 122 (2) and CHEM 126 (2)

*General Chemistry & Lab I
or General Chemistry II & General Chemistry Lab II*

PHYS 141 (4)

Optics, Electricity & Magnetism

SEE 221 (4)

Statics & Mechanics of Materials

MATH 251 (3)

Calculus III

MATH 260 (3)

Intro to Ordinary Differential Equations

SEE 230 (4)

Electric Circuits

SEE 241 (3)

Measurement, Analysis & Forecasting

Please check with your co-op coordinator to confirm that all co-op requirements have been met.

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YEAR 4: TERM 10, FALL	YEAR 4: TERM 11, SPRING	GRADUATION CHECKLIST
<p>SEE 410W (3) <i>Sustainable Energy Design Project I</i></p> <p>SEE 325 (3) OR SEE 333 (3) <i>Mech. Design & Fea Or Network & Communication Systems</i></p> <p>REM 350 (4) <i>Energy Management for a Sustainable Climate and Society (B-Soc)</i></p> <p>SEE TECHNICAL ELECTIVE I <i>One of SEE 460, SEE 461, SEE 462, SEE 463, SEE 464, SEE 475, SEE 476, SEE 477, ENSC 450, ENSC 495, MSE 480, MSE 481</i></p> <p>SEE TECHNICAL ELECTIVE II <i>One of SEE 460, SEE 461, SEE 462, SEE 463, SEE 464, SEE 475, SEE 476, SEE 477, ENSC 450, ENSC 495, MSE 480, MSE 481</i></p>	<p>SEE 411 (3) <i>Sustainable Energy Design Project II</i></p> <p>SEE 402 (2) Professional Engineering Ethics & Practice</p> <p>GEOG 324 (4) OR GEOG 362 (4) <i>Geography of Transportation or Gentrification and Urban Change</i></p> <p>COMPLEMENTARY ELECTIVE (B-HUM)</p> <p>SEE TECHNICAL ELECTIVE III <i>One of SEE 460, SEE 461, SEE 462, SEE 463, SEE 464, SEE 475, SEE 476, SEE 477, ENSC 450, ENSC 495, MSE 480, MSE 481</i></p>	<p><i>Minimum 2.0 CGPA and UD GPA required for degree</i></p> <p><i>Minimum of 2.0 CGPA required to remain in Sustainable Energy Engineering</i></p> <p><i>Minimum of three CO-OP terms completed</i></p>