SUSTAINABLE & RENEWABLE ENERGY ENGINEERING - STREAM B

First Year
- MATH 1004: Calculus for Eng. Students (0.25 credit)
- PHYS 1004: Introductory Electromagnetics & Wave Motion
- CHEM 1101: Chemistry for Eng. Students
- ECOR 1041: Introductory Engineering
- ECOR 1042: Data Management (0.25 credit)
- ECOR 1044: Mechanics (0.25 credit)
- ECOR 1045: Basic Science Elective
- ECOR 1046: Mechanics (0.25 credit)
- ECOR 1047: Visual Comm. (0.25 credit)
- ECOR 1056: Engineering Design & Analysis (Elective)
- ELEC 2501: Circuits and Signals (0.25 credit)
- MAAE 3300: Fluid Mechanics I (1.0 credit)
- MAAE 3301: Sustainable & Renewable Energy Sources

Second Year
- MAAE 2001: Engineering Graphics Design
- MAAE 2202: Methods of Solids I
- MAAE 2300: Fluid Mechanics I
- ELEC 2601: Electrical Engineering
- SYSC 3200: Analysis of Energy Systems

Third Year
- MAAE 3400: Engineering Thermodynamics
- MAAE 3500: Feedback Control Systems
- SREE 3001: Mechanical Engineering Experiments
- SREE 4001: Modelling & Analysis of Energy Systems
- SREE 4002: Sustainable & Energy System Design

Fourth Year
- MECH 4406: Heat Transfer
- MECH 4408: Thermofluids & Energy System Design
- ELEC 4502: Efficient Energy Conversion
- ELEC 4508: Energy System Analysis
- MAAE 4907: Engineering Design Project (note b)

**Arrow Legend**
- Required prerequisite
- Concurrent prerequisite

Notes:
- Arrow Legend: This program map has been designed to ease course planning and registration for engineering students. Information is accurate at the time this document is produced. Prerequisites, course titles, course offerings, and course schedule patterns are based on the academic year in which this program was prepared and subject to change. Please contact EngAcadSupport@carleton.ca for inquiries regarding this program map.

**Please run your audit after making any registration changes to verify they have been applied successfully**