SUSTAINABLE & RENEWABLE ENERGY ENGINEERING - STREAM A

FIRST YEAR

FALL
- ECOR 1051 Fundamentals of Engineering I
- MATH 1004 Calculus for Eng. Students
- PHYS 1004 Introductory Electromagnetism & Wave Motion
- CHEM 1101 Chemistry for Eng. Students
- Elective Basic Science Elective

WINTER
- ECOR 1053 Fundamentals of Engineering III
- PHYS 1004 Introductory Electromagnetism & Wave Motion
- CHEM 1101 Chemistry for Eng. Students
- Elective Basic Science Elective
- COMP 1005 Differential Equations and Infinite Series for Eng. Students
- MATH 1005 Calculus for Eng. Students

SECOND YEAR

FALL
- ECOR 1054 Fundamentals of Engineering IV
- MATH 2004 Multivariable Calculus for Eng. Students
- ELEC 2501 Circuits and Signals
- ELEC 2607 Switching Circuits
- MAAE 2400 Thermodynamics and Heat Transfer

WINTER
- ECOR 1056 Introduction to Engineering Disciplines I (0.0 credit)
- MATH 2004 Multivariable Calculus for Eng. Students
- ELEC 2501 Circuits and Signals
- ELEC 2607 Switching Circuits
- MAAE 2400 Thermodynamics and Heat Transfer

THIRD YEAR

FALL
- MATH 2004 Multivariable Calculus for Eng. Students
- ELEC 2501 Circuits and Signals
- ELEC 2602 Electrical Machines
- ELEC 2602 Electrical Machines
- ELEC 4602 Electrical Power Engineering

WINTER
- SREE 3001 Sustainable & Renewable Energy Sources
- ELEC 2501 Circuits and Signals
- ELEC 2602 Electrical Machines
- ELEC 2602 Electrical Machines
- ELEC 4602 Electrical Power Engineering

FOURTH YEAR

FALL
- SREE 3002 Electrical Use & Distribution
- SYSC 3600 Systems and Simulation
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering

WINTER
- SREE 3003 Efficient Energy Conversion
- SYSC 3600 Systems and Simulation
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering

Students wanting to register in 2nd Year Status courses must complete all first year Science, Mathematics and Engineering (including a C- (C minus) grade or better in ECOR 1051, 1052, 1053 and 1054)

Notes:
(a) 0.5 credits in any 3000- or 4000-level Engineering course for which all prerequisites have been satisfied.
(b) 0.5 credits in any 4000-level Engineering course for which all prerequisites have been satisfied.

Students must complete all 1st, 2nd and 3.5 credits of 3rd year (with the exception of Complementary Studies Electives) to enroll in SREE 4907 (Design Project)