SUSTAINABLE & RENEWABLE ENERGY ENGINEERING–STREAM A

FIRST YEAR

FALL
- MATH 1104 Linear Algebra for Eng. Students
- ECOR 1101 Calculus for Eng. Students
- MATH 1105 Differential Equations and Infinite Series for Eng. Students
- CHEM 1101 Chemistry for Eng. Students
- PHYS 1004 Introductory Electromagnetism & Wave Motion
- ECOR 1606 Problem Solving & Computers
- CCPD 2100 Communication Skills for Eng. Students
- SREE 1000 Intro to Sustainable Energy

WINTER
- MATH 2004 Multivariable Calculus for Eng. Students
- MATH 3705 Mathematical Methods I
- ECOR 1010 Intro to Engineering
- ELEC 2501 Circuits and Signals
- ELEC 2606 Communication I
- ELEC 2607 Problem Solving & Computers
- ELEC 2607 Numerical Methods
- ENVE 2001 Process Analysis for Environmental Engineering

SECOND YEAR

FALL
- MATH 2005 Differential Equations and Infinite Series for Eng. Students
- MATH 3705 Mathematical Methods I
- MAC 2400 Thermodynamics and Heat Transfer
- MAC 2300 Fluid Mechanics I
- ELEC 2501 Circuits and Signals
- ELEC 2607 Numerical Methods
- ECOR 2606 Communication I
- ENVE 2001 Process Analysis for Environmental Engineering

WINTER
- ELEC 2501 Circuits and Signals
- ELEC 2501 Circuit Theory
- ELEC 2507 Electronics I
- ELEC 2607 Numerical Methods
- ENVE 2001 Process Analysis for Environmental Engineering

THIRD YEAR

FALL
- MATH 3705 Mathematical Methods I
- MAC 2400 Thermodynamics and Heat Transfer
- MAC 2300 Fluid Mechanics I
- MAC 2300 Applied Thermodynamics
- ELEC 3505 Electro Fluids
- ELEC 3505 Fluids
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering

WINTER
- MAC 2400 Thermodynamics and Heat Transfer
- MAC 2300 Fluid Mechanics I
- MAC 2300 Applied Thermodynamics
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering

FOURTH YEAR

FALL
- ELEC 3505 Electro Fluids
- ELEC 3505 Fluids
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- SREE 4002 The Energy Economy, Reliability and Risk

WINTER
- MAC 2400 Thermodynamics and Heat Transfer
- MAC 2300 Fluid Mechanics I
- MAC 2300 Applied Thermodynamics
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- ELEC 4602 Electrical Power Engineering
- SREE 4002 The Energy Economy, Reliability and Risk

Electives

Note: (a) 0.5 credit of Basic Science Electives; taken in fall or winter term.
(b) 0.5 credit of any 3XXX or 4XXX level engineering course for which prerequisite have been satisfied.
(c) 0.5 credit of any 4XXX level engineering course for which prerequisites have been satisfied.