STE - SUSTAINABLE ENGINEERING

STE 5410 Energy, Emissions, Environment (E3) Design Cr. 4
Provides students the tools to uncover the relation between energy consumption and energy generation and optimize processes to take most advantage of low emitting energy options. Exposes students to design tools and methodologies from a diverse group of sources including US EPA, DOE, EIA, and the latest in emerging research. Offered Fall.
Equivalent: AET 5410, CE 5410

STE 6100 Introduction to Sustainable Engineering Cr. 3
Economic, environmental, social, and technological perspectives relevant to the design, operation and management of engineering activities. Multiple perspectives addressed from a system sustainability view point. Offered Every Term.
Restriction(s): Enrollment is limited to Graduate or Undergraduate level students.
Equivalent: CHE 6100

STE 6270 Sustainability Assessment and Management Cr. 3
Sustainability assessment and management for engineering design and development; theoretical, regulatory, and practical implications; Detroit and global applications. Offered Yearly.
Restriction(s): Enrollment limited to students with a class of Junior or Senior; enrollment is limited to Graduate level students.
Equivalent: CE 6270