

# ICPE - INTERDISC CURR PRG ENERGY

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## ICPE 632 Renewable Abiotic Energy Resources and Conversion

**Credit 1.5. 1.5 Lecture Hour.** Study of the rapid development and progress of renewable abiotic energy resources and conversion technologies - renewable energy and resources; direct power conversion photovoltaics, thermal conversion via concentrating solar and geothermal power strategies; chemical conversion via photon energy systems; energy from the wind; blue energy from oceans, rivers and lakes; overview of fundamentals of renewable energy storage and distribution. **Prerequisite:** Graduate classification; enrollment in the MS Energy program.