SMART ELECTRIC ENERGY
Senior/graduate & Advanced graduate courses in EE

Power Conversion and Power Systems
- ELEN E3331 Elec. Circ.
- ELEN E4361 Power Electronics
- ELEN E4906 TPC: El. Drive-train Design
- ELEN E6904 TPC: Motor Drive Systems
- ELEN E4510 Solar Energy & Smart Grid

Control and Optimization
- EEIE E3601 Cl. Ctrl. Sys.
- EME E6601 Intro. to Ctrl. Theory
- EEME E6602 Modern Ctrl. Theory
- EEOR E4650 Convex Optim. for El. Eng.
- ELEN E6873 Detection & Est. Theory
- ELEN E6616 Convex Optimization
- CSEE W4840 Embedded Systems

Fall
- MECE E4211 Energy: source & convs.
- EAEE 4220 Energy syst. eco & optimiz.
- MECE E4320 Intro to Combustion
- MECE E4210 Energy Infrastr. Planning
- MECE E4302 Advanced Thermodyn.

Spring
- CHEN E4201 Eng. Appl. of El.-chemistry
- MECE E4430 Automotive Dynamics
- MECE E4257 Env. Data Anal. & Mod.
- EEEC W4200 Alternative Energy Res.

Energy Policy or Market
- EAIA W4200 Alternative Energy Res.
- SUMA K4135 En. Analysis & En. Efficiency
- EAIA W4200 Alternative Energy Res.
- INAF U6135 Renewable En. Mrkt & Policy

Non-Electric Engineering
- INAF U6061 Global Energy Policy
- INAF U6065 The Economics of Energy
- INAF U6057 Electricity Markets
- INAF U6242 Energy Policy

Note: non-EE or energy policy/market courses may require prerequisites or instructor permission

Green = Senior/grad; Orange = Adv. grad.; Bold border = offered regularly; ✓ = offered Fall 2020