

Minor in Energy Systems Engineering

Degree Audit

2011-2012

Requirements	Hours	Hours Complete and Grade	Hours in Progress	Hours Needed
ENGY 101 Energy Resources & Utilization	3			
ENGY 103 Energy Resources & Utilization II	3			
ENGY 301 Energy Conversion Principles	4			
ENGY 331 Electrical Engineering	3			
ENGY 401 Energy Systems Design	4			
ENVS 315 Env. Impact & Resource Assessment	3			
EGRG 325 Engineering Economics	3			

Foundation Courses

MATH 125 Calculus I	4			
MATH 224 Calculus II	4			
MATH 302 Diff. Equations w/ Numerical Meth.	3			
PHYS 221 General Physics I	4			
PHYS 222 General Physics II	4			

Choose **One**: CHEM 331, EGRG 351, PHYS 322

	3 or 4			
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The Minor in Energy Systems Engineering is intended for science and engineering students who have completed or will complete the foundation courses listed above. Students may substitute ECON 350 for EGRG 325. (The prerequisite for ECON 350 is ECON 211).

Students who do not plan to complete the foundation courses should instead consider the Minor in Energy Studies or the Certificate in Energy Studies that are further described in the undergraduate catalog.

Student Signature and Date	Advisor Signature and Date

**Minors must include at least 12 hours that do not overlap the chosen major or another minor.