

**Degree Checklist-Bachelor of Science in Integrated Energy Management
Integrated Energy Policy Specialization**

Student Name _____

Foundational Courses Credits: 24 credits

Course	Title	Credits	Quarter / Year Completed
GEOG 107	Our Dynamic Earth	5	
IEM 201	Introduction to Energy Management	5	
ECON 201	Principles of Economics Micro	5	
GEOG 250	Resource Exploitation and Conservation	4	
Subtotal		19	

Select one from the following courses for 5 credits:

Course	Title	Credits	Quarter / Year Completed
ECON 130	Foundations for Business Analytics	5	
MATH 130	Finite Mathematics	5	
MATH 153	Pre-Calculus Mathematics I	5	
MATH 154	Pre-Calculus Mathematics II	5	
MATH 170	Intuitive Calculus	5	
MATH 172	Calculus	5	
Subtotal		5	

Core Courses Credits: 32-34 credits

Course	Title	Credits	Quarter / Year Completed
IEM 302	Energy, Environment, and Climate Change	5	
IEM 330	Geopolitics of Fossil Fuels	5	
GEOG 301	Introduction to GIS and Maps	4	
GEOG 442	Alternative Energy	5	
ECON 463	Energy Economics	4	
IEM 489	Integrated Energy Management Capstone	2	
Subtotal		25	

Select one from the following Methods courses for 5 credits:

Course	Title	Credits	Quarter / Year Completed
BUS 221	Introductory Business Statistics	5	
MATH 211	Statistical Concepts and Methods	5	
GEOG 406	Qualitative Methods in Geography	5	
Subtotal		5	

Select one from the following Communication courses for 2-4 credits:

Course	Title	Credits	Quarter / Year Completed
ADMG 385	Business Communications and Report Writing	4	
COM 301	Public Speaking for Business and Organizations	2	
COM 345	Business and Professional Speaking	4	
ENGL 310	Technical Writing	4	
Subtotal		2-4	

Required Courses - Integrated Energy Policy Specialization: 20 credits

Course	Title	Credits	Quarter / Year Completed
ECON 462	Environmental and Resource Economics	5	
IEM 443	Energy Policy	5	
GEOG 445	Environmental Law	5	
POSC 325	Introduction to Public Policy	5	
Subtotal		20	

Department-Approved Electives Credits: 18-20

Select from the following:

Course	Title	Credits	Quarter / Year Completed
BUS 241	Legal Environment of Business	5	
BUS 441	Advanced Business Law	5	
ECON 325	Introduction to Forecasting	5	
ECON 332	Public Finance	5	
ECON 401	Intermediate Microeconomic Analysis	5	
ECON 424	Introduction to Econometrics	5	
ECON 426	Economic Research	5	
GEOG 303	GIS and Data Management	5	
GEOG 305	Introduction to Land Use Planning	5	
GEOG 306	Transportation Geography and Planning	4	
GEOG 330	Airphoto Interpretation	5	
GEOG 404	GIS Analysis	5	
GEOG 405	Advanced Topics in Land Use Planning	3	
GEOG 409	Quantitative Methods in Geography	5	
GEOG 417	Workplace GIS	4	
GEOG 430 or GEOG 430	Remote Sensing	5	
GEOG 440	Ecology and Culture	4	
GEOL 210	Introduction to Geologic Field Methods	4	
GEOL 382	Earth Resources and Pollution	4	
GEOL 434	Petroleum Geology	5	
IEM 398	Special Topics	1-6	
IEM 399	Seminar	1-5	
IEM 496	Individual Study	1-6	
IEM 498	Special Topics	1-6	
Subtotal		18-20	

OR

Course	Title	Credits	Quarter / Year Completed
IEM 290	Cooperative Education	1-10	
IEM 490	Cooperative Education	1-12	
Subtotal		18-20	

Total Specialization Credits:	38-40	
Total Credits:	94-98	

