

Bachelor of Science - Energy Management

Course	Course Title	EMGTB1	EMGTB2	EMGTB3	EMGTB4	EMGTB5	EMGTB6	ILO1	ILO2	ILO3	ILO4	ILO5
EGMT 330	Introduction to the Energy Industry	X	X		X	X		X	X	X	X	
EGMT 495	Energy Management Strategy Capstone	X	X	X	X	X	X	X	X	X	X	X
EGMT 430	Legal/Ethical Envir of Energy Industry					X		X	X	X	X	
EGMT 450	Energy Finance			X	X			X				X
EGMT 460	Energy Markets & Innovation				X			X				X

Institution Learning Outcomes

- ILO1 Communication: Communicate professionally using a variety of modalities (written, spoken, and technological).
- ILO2 Critical Thinking: Analyze and evaluate information to make reasoned arguments and solve problems.
- ILO3 Civic & Global Engagement: Integrate knowledge and skills to engage with and respond to social, environmental, and economic challenges at local, national, and global levels.
- ILO4 Ethics: Analyze and evaluate complex issues and situations to make informed ethical decisions.
- ILO5 Disciplinary Expertise

Program Learning Outcomes

- EMGTB1 Apply concepts from conventional business administration courses such as accounting, business law, economics, management, marketing and finance to the field of energy
- EMGTB2 Describe the history of production and usage in the oil and gas industry in the United States and Internationally
- EMGTB3 Evaluate oil and gas financing and valuation of energy markets
- EMGTB4 Apply economic tools used for analyzing energy markets and innovation
- EMGTB5 Apply ethical and legal considerations regarding rights of mineral ownership, and transfers of interest and contracts associated with the oil and gas industry
- EMGTB6 Analyze and interpret costs, risks and benefits as they relate to the energy industry

