

Energy Management



MAJOR SKILLS GUIDE

What is this program?

The Energy business is prevalent in Texas, the southwestern USA, and around the world. UTD's program in Energy Management teaches the business of energy: managing energy assets. The program also places importance on global energy management.

2 Coal

Coal remains an important source of energy and as such, it is a critical part of the energy industry. Opportunities in this sector are plentiful in the USA and overseas.

Career Paths

1 Oil and Gas

Oil and Gas is the most successful of the sectors of Energy Management. The oil industry is always looking for young talent. Workers in the energy industry earn higher-than-average wages.

3 Renewables

The bulk of renewable energy business is startups. The top two types of renewable energy businesses are solar and wind energy. Collectively, these two sectors employ up to 228,000 employees a year. The largest wind power capacity is in Texas. A large number of UTD Energy Management students plan on pursuing solar energy careers.

Skills

HARD

- Understand the language of energy asset management
- The necessary skills: geology, economics, management and negotiation

SOFT

- Knowledge of the Do's and Don'ts of different cultures – it's a global business
- Presentation skills
- Communication

Recruiters Tip

"Apply not only to American companies but also foreign firms and governments. Energy is an international industry."

4 Power

To succeed as a developed country, you need power. Bringing electricity to the population is at the top of every country's list of goals. We teach the business of managing power assets

Recruiters Tip

"Energy is a global business, expect to travel."

Projects & Courses

ENGY 6102 Professional Development

This is a 1 hour graduate course that focuses on developing key business skills.

Clubs & Organizations



Association of International Petroleum Negotiators (Application pending)



The Energy Association



Young Professionals in Energy

COURSES

Additional Suggested Courses:

GEOS 3300 Introductory Field Geology

ITSS 3300 Information Technology for Business

OBHR 4331 Introduction to Human Resource Management

GEOS 2324 Energy, Environment, and Human Health

WANT TO LEARN MORE?

Contact the Program Director

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