

PETROLEUM VENTURES - CERTIFICATE

This program blends engineering and finance, preparing petroleum engineers for leadership and expanded technical roles in the energy sector through business concepts and industry collaboration.

The Petroleum Ventures Certificate Program (PVP) sets Aggie petroleum engineers apart by giving them unparalleled exposure to business concepts, entrepreneurship, industry leaders and case-based learning opportunities where they work together with business students to solve problems and study real world energy companies. This interdisciplinary environment prepares them for leadership and expanded technical roles within the industry. The program is set up in collaboration with the Finance Department of the Mays Business School. PVP certificate holders are viewed as students who are committed to working hard to further their education and to better prepare themselves for integrated roles in the industry. With the engineering, finance and leadership skills combined, students become more competitive in the energy job market.

The Petroleum Ventures Certificate Program (PVP) impacts the following student groups:

- Undergraduate petroleum engineering and finance students who have a desire to work in Energy Finance, Petroleum Investment Management, or have a goal of senior management of an oil and gas company and/or a goal of one day creating and managing their own energy company.
- Petroleum engineers and finance undergraduate students who are seeking specialized training.

Program Requirements

Code	Title	Semester Credit Hours
PETE 201	Introduction to Petroleum Engineering	1
FINC 409 or FINC 341	Survey of Finance Principles or Business Finance	3
FINC 351	Investment Analysis	3
FINC 361	Managerial Finance I	3
PETE 353	Petroleum Project Evaluation	3
PETE 418	Deterministic Reserves Evaluation	3
PETE 453	Petroleum Entrepreneurship	3
Prescribed electives		
Select from the following:		6
FINC 423	Options and Financial Futures	
FINC 424	Trading Risk Management	
FINC 443	Valuation	
FINC 449	Financial Modeling	
PETE 402	Integrated Asset Development	
PETE 408	Probabilistic Reserves Evaluation	
PETE 419	Petroleum Data Analytics and Machine Learning	
Total Semester Credit Hours		25

Must make a grade of C or better in all courses.