



TEXAS TECH UNIVERSITY

Center for Energy Commerce

BACHELOR OF BUSINESS ADMINISTRATION in

ENERGY COMMERCE

Degree Requirements

120 Hours

Minimum 3.3 GPA required

Oil & Gas Concentration

Required Courses

Energy Industry Fundamentals

Petroleum Land Management • Oil & Gas Agreements

Oil & Gas Law I • Oil & Gas Law II • Natural Gas Transportation

Energy & Environmental Economics

Survey of Petroleum Engineering

Business & Professional Communications

Major Elective Courses (choose 4)

Energy Industry Internship or World Energy Project

Petroleum Accounting • Alternative Energy Markets

Land, Titles & Records • Power Generation & Transmission

Energy Finance • International Energy Policy & Law

U.S. Energy Policy & Regulation

Economics & Alternative Markets Concentration

Required Courses

Energy Industry Fundamentals

Petroleum Land Management • U.S. Energy Policy & Regulation

Alternative Energy Markets • Power Generation & Transmission

Energy Finance • Energy & Environmental Economics

Commodity Futures Trading & Analysis

Business & Professional Communications

Major Elective Courses (choose 4)

Energy Industry Internship or World Energy Project

Petroleum Accounting • Natural Gas Transportation

Financial Statement Analysis • Corporation Finance I

International Energy Policy & Law • Business Law II

Supply Chain Management

WORLD ENERGY PROJECT

The World Energy Project is intended to provide energy sources to small communities in developing countries where power is unavailable or minimal through traditional sources. Our goal is to expose students to the critical importance of energy access in alleviating poverty.

RAWLS COLLEGE OF BUSINESS

Required Upper Level Core Curriculum

Business Law | Financial Management | Introduction to Production & Operations | Introduction to Marketing

Organization & Management | Managerial Communications | Jr. or Sr. Level Economics

Required Lower Level Core Curriculum

BA 1101 | ENGL 1301 | ENGL 1302 | MATH 1330 | MATH 1331 | ACCT 2300 | ACCT 2301 | ISQS 2340 | MATH 2345

ECO 2301 | ECO 2302 | GEOL 1303 & 1101 | HIST 2300 | HIST 2301 | POLS 1301 | POLS 2302 | 4 HR LAB SCIENCE

MULTICUTURAL | HUMANITIES | VISUAL & PERFORMING ARTS

The Rawls College of Business Curriculum consists of two parts: a lower division and an upper division. The lower division requirements should be completed during the freshman and sophomore years. All students majoring in business are classified as pre-business majors (COBA) until completion of the lower division business core with grades of C or higher and attainment of the minimum 3.3 Texas Tech GPA for Energy Commerce majors. Upon attainment of the minimum requirements, application may be made for a specific business major. Admission to the College of Business does not assure admission to any major within the college. Students must meet the minimum GPA requirements in effect when the major is declared.

ENCO 3301 Energy Industry Fundamentals. Prerequisite: 3.3 GPA, completion of lower division courses and concurrent enrollment in ENCO 3385. History and overview of the energy industry providing basics of oil & gas exploration, production & transmission and electricity generation & transmission. Fall only course.

ENCO 3361 Natural Gas Transportation and Marketing. Prerequisite: ENCO 3385 with a min. grade of C. Midstream issues relating to the right of way, gas gathering, processing and compression. Marketing and transportation agreements. Pipeline regulation.

ENCO 3385 Petroleum Land Management. Prerequisite: 3.3 GPA, completion of lower division courses and concurrent enrollment in ENCO 3301. Overview designed to provide a foundation knowledge of geology, engineering, land and the business and legal aspects of the oil & gas industry. Fall only course.

ENCO 3386 Oil & Gas Agreements. Prerequisite: ENCO 3385 & BLAW 4395 with a min. grade of C. Covers contracts utilized in petroleum exploration and production specifically: farmouts, joint operating agreements, gas balancing, secondary recovery and federal exploratory units.

ENCO 3390 Land Titles and Records. Prerequisite: ENCO 3385 with a min. grade of C. Practical skills training in tracing and chaining property titles. Combines classroom, abstract office and courthouse experience. First summer session only. ENCO 3390 & ENCO 4382 cannot both be used toward degree requirements.

ENCO 3394 Power Generation & Transmission. Prerequisite: ENCO 3385 with a min. grade of C. An overview of the electric power industry from production to consumption. Topics include generation and transmission project economics, power markets, public policy and future developments.

ENCO 4312 Energy & Environmental Economics. Prerequisite: ENCO 3385 with a minimum grade of C. Focus on oil and gas project economics and capital formation. Emphasis on project cost, revenue forecasting, reserve analysis and financial risk.

ENCO 4315 International Energy Policy & Law. Prerequisite: ENCO 3385 with a min. grade of C. Analysis of current energy policies of the U.S. and select foreign governments, focusing on geopolitical events and environmental issues affecting the energy business.

ENCO 4321 Energy Finance. Prerequisite: ENCO 3385, ENCO 4312 & FIN 3320 with a min. grade of C. Course focuses on capital formation and risk management vehicles utilized in the energy industry. Topics also include acquisitions and divestitures.

ENCO 4362 U.S. Energy Policy & Regulation. Prerequisite: ENCO 3385 with a min. grade of C. Focus on the U.S. Government policy & regulation and the impact on the Energy Industry. Covers Federal, State and Local Issues. Spring only course.

ENCO 4363 Alternative Energy Markets. Prerequisite: ENCO 3385 with a min. grade of C. Compares market economies and technology of conventional and unconventional fossil fuels to emerging alternative and renewable energy sources.

ENCO 4382 Energy Industry Internship. Prerequisite: ENCO 3385 & BLAW 4395 with a min. grade of C and Permission of Instructor. Summer Only. Employment experience with an industry partner. Not at Lubbock Campus. ENCO 3390 & ENCO 4382 cannot both be used toward degree requirements.

ENCO 4390 World Energy Project. Prerequisite: ENCO 3385 with a min. grade of C and Permission of Instructor. Industry sponsored project to provide basic energy needs in the developing world. Students spend an extended summer session abroad.

BLAW 4395 Oil & Gas Law I. Prerequisite: ENCO 3385 with a min. grade of C. Case law based study of jurisprudence affecting the oil & gas industry. Emphasis is on concurrent ownership, split estates, and oil and gas leases. Spring only course.

BLAW 4396 Oil & Gas Law II. Prerequisite: BLAW 4395 with a min. grade of C. Case law based study of jurisprudence affecting the oil & gas industry. Emphasis is on oil and gas titles, pooling and regulation of mineral development.

For more information about the Energy Commerce program please contact:

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