Texas MBA Roadmap: Energy Finance

MBA students entering the energy industry must be prepared to understand, quantify, monitor, and manage the financial risks created by volatile energy prices and to participate in the evaluation of energy projects and energy derivatives. The academic cornerstone of the program is found in two courses: Financial Strategies - Energy Finance (FIN 394.2), and the specially designated energy finance section of Financial Risk Management (FIN 397.4). The combination of these two courses addresses three broad areas of study in an energy context: asset valuation, corporate finance, and risk management. The valuation portion covers the valuing of financial contracts and derivatives securities. The corporate finance section examines financing decisions, business valuation, and mergers/acquisitions. The risk management area considers hedging and risk management strategies. Students in this concentration also participate in professional seminars on the "physical" side of the energy business to provide background on topics such as energy exploration, production, and distribution. Energy professionals play an important role in student development as they assist with these seminars and participate in class sessions on major energy finance issues. The concentration is supported by the Center for Energy Finance Education and Research and more information can be obtained from the Center's website: http://www.mccombs.utexas.edu/Centers/CEFER/

Concentration requirements

- FIN 286 - Valuation (flexible-core)
- FIN 394.1 - Advanced Topics in Corporate Finance
- FIN 397.1 - Investment Theory & Practice
- STA 287 - Business Analytics and Decision Modeling (flexible-core)

Note: *Students should complete the above curriculum during their first year spring semester. Most remaining Finance electives have these courses as pre-requisites.*

- FIN 394.2 - Financial Strategies – Energy
- FIN 397.4 - Financial Risk Management – Energy

Note: *FIN394.2 Financial Strategies and FIN397.4 Financial Risk Management should both be taken in the fall semester of the 2nd year.*

- **Accounting - choose one of the following:**

ACC 380K.8 - Petroleum Accounting: Principles, Procedures, and Issues (recommended)

ACC 380D - Advanced Topics in Financial Reporting (Offered fall semester only)

ACC 380K.7 - Financial Statement Analysis

Other Recommended Electives

LEB 380 - Energy Law
FIN 394.15 - Energy Finance Practicum

Total credit hours: 19

Academic Augments

Experiential Opportunities

Center for Energy Finance Education and Research
http://www.mccombs.utexas.edu/Centers/CEFER/

Case Challenges: Finance, Consulting, Marketing, Tech/Ops, and Global **Note:** *due to time demands, participation in no more than three challenges is recommended*

Super Week**:** Internship Interviewing for Investment Banking and Consulting - January 7th to 11th

International Programs including Semester Exchange, Double Degree, and Global Connections
http://www.mccombs.utexas.edu/MBA/Full-Time/Program-Information/International.aspx

Suggested Student Organizations

http://www.mccombs.utexas.edu/MBA/Full-Time/Student-Life/Student-Organizations

Energy Finance Group

CleanTech Group

Texas MBA + Program Opportunities – 2012 Fall

http://www.mccombs.utexas.edu/MBA/Full-Time/Program-Information/Hands-On-Experience/MBA-Plus-Program.aspx

Executive Challenge - Wednesday, August 15th

StrengthsFinder - Friday, August 31st

Writing Workshop I: Resumes - Thursday, September 6th

MBA+ Event - Networking - Thursday, September 13th

Global Challenge, Presentation Prep - Monday, September 24th

MBA+ Event, MBA Sales Training - Thursday, September 27th

Pitch Party Prep - Monday -Tuesday, October 1st - 2nd

MBA+ Webinar: Fierce Conversations - Wednesday, October 3rd

11th Annual Pitch Party - Thursday, October 4th

Consulting Challenge – Monday, October 22nd

MBA+ Webinar: Smartphone Success - Wednesday, October 24th

Finance Challenge, Presentation Prep - Monday, October 29th

Writing Workshop II: Cover Letters - Thursday, November 8th

International Night - November date TBD

Corporate Valuations - Friday, November 16th

MBA+ Webinar: Wall Street Prep - Wednesday, November 28th

Note: Event dates are subject to change – for the most up to date information please visit the MBA+ Program website.

Career Opportunities

Energy Investment Banking Associate

Equity Research Analyst

Sales and Trading Associate (Energy, Commodity)

Senior Financial Analyst

Faculty Contact: *SheridanTitman titman@mail.utexas.edu*
Student Services: *MBAAcademicAdvising@mccombs.utexas.edu*
Career Management Contact: *MBAcareermanagement@mccombs.utexas.edu*

THE UNIVERSITY OF TEXAS AT AUSTIN
McCOMBS SCHOOL OF BUSINESS

First-Year MBA Student Year-at-a-Glance

August

- ❒ Begin fall semester - core coursework
- ❒ Complete Career Leader Assessment
- ❒ Career research - functions/companies/industries of interest
- ❒ Join a student organization(s)
- ❒ Start networking with classmates
- ❒ Select a Peer Advisor
- ❒ MBA+ StrengthsFinder workshop
- ❒ Begin considering participation in the fall MBA+ projects

September

- ❒ Meet with an Academic Advisor to discuss spring course schedule
- ❒ Meet with a MBA+ Communication, Specialty or Executive Coach
- ❒ Meet with a Career Management Advisor
- ❒ MBA+ Writing Workshop I
- ❒ MBA+ Sales Training workshop
- ❒ MBA+ Fall Project resume deadline
- ❒ Global Challenge
- ❒ Attend employer information sessions
- ❒ Investigate Study Abroad opportunities - Exchange and Double Degree
- ❒ Begin application process for MAC, Venture Fellows, Investment Fund
- ❒ Attend National Black MBA Association career fair (Indianapolis, IN)
- ❒ Attend McCombs CareerConnections networking reception & career fair
- ❒ Revise and upload default resume in Symplicity and MBA Focus

October

- ❒ MBA+ 11th Annual Pitch Party
- ❒ Meet with a Career Management Advisor
- ❒ Attend National Society of Hispanic MBAs Career Fair (Orlando, FL)
- ❒ Attend MBA Veteran's Career Fair (Chicago, IL)
- ❒ Attend National Association of Women MBAs Conference & Career Fair (Santa Clara, CA)
- ❒ Attend Net Impact Conference (Baltimore, MD)
- ❒ Attend Reaching Out for Business Conference (Boston, MA)
- ❒ Start networking with alumni at both on and off-campus companies
- ❒ Attend employer information sessions
- ❒ Attend career treks that interest you (Dallas Consulting Trek, NY Financial Services Trek, Houston Investment Banking Treks)
- ❒ Meet with a MBA+ Communication Coach to prepare for the Challenges
- ❒ Tech/Ops Challenges
- ❒ Consulting Challenges
- ❒ Begin application process for Double Degree
- ❒ Attend MBA Elective Fair
- ❒ Bidding and course registration for spring semester
- ❒ Begin off-campus internship search

November

- ❒ MBA+ International Night
- ❒ MBA+ Writing Workshop II
- ❒ MBA+ Corporate Valuations workshop
- ❒ Course registration continues for spring semester
- ❒ Create a good first draft of cover letter
- ❒ Attend employer information sessions
- ❒ Attend career treks that interest you (NY Marketing Trek)
- ❒ Review/revise resume with career/industry focus
- ❒ Intern resume drops for On-Campus Recruiting begin
- ❒ Finance Challenge
- ❒ Dallas Consulting Trek
- ❒ Thanksgiving Holidays – Campus Closed
- ❒ Explore MBA+ Project opportunities for spring semester
- ❒ Technical case interview prep
- ❒ Complete a mock interview in your function of interest

December

- ❒ Run for a leadership role in student organizations
- ❒ Fall semester final exams
- ❒ Fall semester ends
- ❒ Continue networking
- ❒ Narrow career search function/industry/geography
- ❒ Practice case and behavioral interviewing over winter break!
- ❒ Company research for spring interviews
- ❒ Apply for internship opportunities

January

- ❒ Super Week internship interviews for I-Banking and Consulting
- ❒ Finalize spring course schedule via adds/drops and waitlists
- ❒ Meet with a MBA+ Communication or Executive Coach
- ❒ Multi-functional San Francisco and Seattle Treks - 1st and 2nd week
- ❒ Begin spring semester - 3rd week (January 14th)
- ❒ Apply for internship opportunities
- ❒ Attend employer information sessions
- ❒ MBA+ Communication Workshop series
- ❒ Attend Washington Campus information sessions

February

- ❒ Internship interviewing (heaviest month)
- ❒ Attend employer information sessions
- ❒ Meet with a Career Management Advisor
- ❒ MBA+ Communication Workshop series
- ❒ MBA+ Financial Modeling Workshop
- ❒ Focus on off-campus recruiting plan - most on-campus internship interviewing ends

March

- ❒ Internship interviewing continues, predominantly off-campus and niche opportunities
- ❒ Meet with an Academic Advisor to discuss fall course schedule
- ❒ Spring Break/Global Trips
- ❒ Attend Washington Campus (week of Spring Break)
- ❒ Submit Study Abroad application

April

- ❒ Internship interviewing continues off- campus
- ❒ Apply to be a Career Management Peer Advisor
- ❒ CareersNow spring career fair
- ❒ Just-in-time hiring heats up
- ❒ Bidding and course registration for fall semester
- ❒ MBA+ First 90 Days workshop

May

- ❒ Final exams
- ❒ Spring semester ends
- ❒ Begin summer internship