



UH-GEMI

Leading-edge Energy Business Education

What are you doing to develop your top talent?

It's no secret that the energy industry is facing a serious threat to productivity with a labor base averaging almost 50 years old. As this current generation of leadership heads toward retirement, the next generation of skilled professionals must gain the fundamentals today to fill the gaps tomorrow.

Fortunately, the University of Houston's Global Energy Management Institute (UH-GEMI) has developed the innovative programs designed to prepare tomorrow's energy industry leadership:

- **Global Energy Executive MBA (GEMBA).** While most MBA programs set high educational bars, they are so general that they often lose their direct applicability to the complexity of the energy industry. Hiring companies benefit from people who have a more comprehensive understanding of their industry so they can hit the ground running. UH-GEMI's Global Energy Executive MBA is just the solution for your fast-tracking candidates who can benefit from a full immersion in energy topics related to business.
- **Master-Track Certificates.** These are specialized energy education programs created for the working professional. In addition to providing a stand-alone certification, each certification can also be taken as part of a master's degree program at the Bauer College of Business.
- **MBA and Master of Science.** Besides the executive MBA, our regular MBA and Master of Science (MS) programs offer energy concentrations for non-core electives. Energy Concentrations provide these programs with specific industry expertise and breadth.

Each of these programs is designed to enhance the knowledge and productivity of the student and the seasoned professional alike. By encouraging your current workforce to enroll in these programs, you are demonstrating your commitment to their future and your productivity.



In-Depth Coverage of In-Demand Skills

Energy Certificates

Maintaining a competitive workforce not only means recruiting top talent, but also continuing to educate, challenge and develop high-potential employees to cultivate valuable leadership. The Bauer College of Business' Energy Certificate Programs allow working professionals to expand their capabilities with focused industry-specific education.

Students enrolled in Energy Certificate Programs attend courses in the evenings at the Bauer College of Business, minutes from downtown Houston. Because they remain on the job, your people are able to take what they learn in the classroom and continuously apply it to the benefit of your firm. Under the tutelage of top industry experts, students will develop their skill set within focused energy-business disciplines and improve their ability to think strategically. Additionally, your employees can tap other students to develop a valuable network of energy professionals to facilitate cooperative learning and share best practices.

Three Career Tracks

The Bauer College of Business has developed three Energy Certificate Programs to provide the energy professionals of tomorrow with the in-depth knowledge and practical skills to excel in modern energy firms.

Energy Executive Management Certificate

Designed for experienced "management-track" professionals who desire a more in-depth understanding of energy market economics to develop winning strategies and corporate leadership to run an energy firm.

Energy Financial Management Certificate

Provides your top talent with a combination of modern oil & gas accounting and energy project investment techniques; ideal for those high-potential individuals on their way to a career path as a CFO, comptroller or treasurer.

Energy Risk Management Certificate

Utilizes the modern principles of financial risk analysis and incorporates an option of project investment analysis or energy industry economics; a powerful program for professionals interested in project risk management or becoming an energy trader.

For more information please contact (713) 743-4800 or visit our Web site at www.energy.uh.edu



The Global Energy Executive MBA

Fueling the Energy Economy



The Global Energy Executive MBA at the Bauer College of Business brings together the UH-Global Energy Management Institute, the leading energy management center in the world, with top energy executives in the city of Houston, the energy capital of the world.

The result is the nation's first executive MBA program of its kind, one that will equip executives with the knowledge and skills necessary to advance their careers in the global energy industry. The program is cohort-based and lock-step with an all-inclusive price that includes tuition, books, a laptop computer, meals, parking, an international business residency and many other amenities.

Curriculum

- Organizational Behavior
- Statistical Analysis
- Understanding Financial Information
- Oil and Gas Accounting
- Managerial Economics
- Managerial Finance
- Energy Leadership
- International Business Residency
- Management Information Systems
- Financial Engineering and Derivatives
- Next Generation Energy Technologies
- Marketing
- Business Law and Ethics
- International Energy Finance

- Real Options, Valuation, and Project Analysis
- Strategic Management

INTERNATIONAL BUSINESS RESIDENCY

- Management Information Systems
- Financial Engineering and Derivatives
- Next Generation Energy Technologies
- Marketing
- Business Law and Ethics
- International Energy Finance
- Real Options, Valuation and Project Analysis
- Strategic Management

The program faculty consists of some of the world's leading experts in energy, including former energy executives and faculty from the world's top business schools. At the conclusion of the program participants will have the necessary tools to advance into top management at the world's leading energy companies.

- The program begins in July and is completed in 22 months.
- Classes are held every Monday and Thursday from 5:30 p.m. to 9:30 p.m.
- Students take one course at a time.

For more information, please contact us at (713) 743-4700 or visit our website at www.emba.uh.edu





Fostering the Next Generation

UH-GEMI works with the students of today to develop the energy professionals of tomorrow.

K-12 Energy Workshops

In 2005 UH-GEMI took a leadership role in addressing the workforce crisis faced by the energy industry by leveraging the activities of different organizations targeting students in kindergarten through 12th grade (K-12) with information and career opportunities in energy.

The success of UH-GEMI's K-12 Energy Workshops, and the original partnership, has led to the formation of the Greater Houston Energy Education Collaborative (GHEEC) by the original members.

"We expected perhaps four or five organizations to join us in the first reach-out program, and were surprised when people kept calling us suggesting the inclusion of other organizations targeting K-12 students."

– Lane Sloan, executive director of UH-GEMI and former president of Shell Chemical USA.

Greater Houston Energy Education Collaborative (GHEEC)

In November 2005, the members of GHEEC were invited to participate in the UH-GEMI Symposium on "Building the Energy Workforce of the Future." The Symposium provided an in-depth look into the strategies being implemented to combat the industry's shrinking talent pool, and it featured industry leaders such as Red Cavaney, president of the American Petroleum Institute.

It is becoming increasingly more certain that tomorrow's CEOs will require the education training that goes far beyond that of the traditional MBA, in terms of both industry- and discipline-specific programs. That is likely the only way they will be able to address the business questions that have no single management solution. But this kind of effective talent must be cultivated at every stage; that is why UH-GEMI is a strong supporter of the "Energy Workforce of the Future" effort and, together with Bob Sanborn, has helped develop the "Energy City of the Future" project of the Education Foundation of Harris County.

GHEEC Members

AGIF	Houston-Galveston Career Council	State of Texas Industry Cluster/Energy
API	HUNSTEM	Texas A&M
Engineering Council of Houston	INROADS	Texas Oil & Gas Association
Environmental Institute of Houston	IPAA	Texas Southern University
ExxonMobil	Junior Achievement	UH-College of Engineering
HCCS	Offshore Energy Center	UH-GEMI
HCDE	Rice University	UH-GEMI Energy Association
HGS	San Jacinto College	Watson Wyatt
HISD	Shell Oil	WEN
	SPE	

If you would like more information about UH-GEMI or our educational programs please contact:

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If you would like more information about GHEEC or UH-GEMI events please contact:

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*The Global Energy Management Institute at the University of Houston's Bauer College of Business
For the Real World of Business
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