GLOBAL ENERGY
MANAGEMENT, MS

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Introduction
The Master of Science in Global Energy Management (GEM) prepares individuals for leadership careers in the energy industry. This degree is particularly appropriate for individuals seeking to advance their existing careers in the energy field. Prior work experience within the field is preferred, but not required.

Program Requirements
The program consists of two components: the core curriculum and the more advanced and specialized elective courses. The MS GEM program requires the completion of the following core classes as well as three elective courses from the selection listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEMM 6000</td>
<td>21st Century Global Energy Issues and Realities</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6100</td>
<td>Global Energy Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6200</td>
<td>Environmental, Regulatory, Legal &amp; Political Environment in the Energy Industry</td>
<td>3</td>
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<tr>
<td>GEMM 6300</td>
<td>Technical Aspects of Energy Science</td>
<td>3</td>
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<tr>
<td>GEMM 6400</td>
<td>Leadership and Decision Making in the Global Energy Environment</td>
<td>3</td>
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<tr>
<td>GEMM 6410</td>
<td>People Management in the Global Energy Environment</td>
<td>3</td>
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<tr>
<td>GEMM 6450</td>
<td>Strategic Management of the Energy Industry</td>
<td>3</td>
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<tr>
<td>GEMM 6500</td>
<td>Energy Accounting in the Global Markets</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6600</td>
<td>Introduction To Financial Management In The Energy Industry</td>
<td>3</td>
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Other Courses
Select three of the following:  

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>GEMM 6210</td>
<td>Energy and the Law: Property and Contracts</td>
<td>9</td>
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</table>

Notes and Restrictions
The Global Energy Management program is a cohort group, hybrid online, 18-month master of science degree program. As a cohort program, all students start together, progress together, and graduate together. It is not recommended for students to take time out of the program once it starts, and students should plan on remaining in the program for the full 18 months. If it becomes necessary to take a term off, students need to contact the program advisor to discuss options.

As a hybrid online program, professors and students meet in class face to face for four days (Fridays through Monday) at the start of each 3-month term with the rest of the term completed online. Please note that the GEM degree program runs on a completely separate schedule from the normal semester terms of the Business School. Please check the Business School Website (https://business.ucdenver.edu/sites/default/files/attached-files/cohort_xxvi_tentative_schedule_3_0.pdf) for the GEM course schedule. All GEMM courses are restricted to those students who have been admitted to the MS GEM program.

Dual Degrees
In order to participate in the dual degree options offered by the Business School, students in the GEM program must first complete their entire GEM degree before they can begin their second degree.

Student Learning Outcomes
MS Global Energy Management

Value 1: Business Acumen
Outcome: Demonstrate cross-functional business acumen sufficient to enable effective market and situation analysis, problem-solving, decision-making, and resource allocation to achieve expected results at both business unit (tactical) and enterprise (strategic) levels.

Value 2: Lead and Manage People
Outcome: Demonstrate the ability to lead and manage geographically and culturally diverse people and organizations at both business unit (tactical) and enterprise (strategic) levels.
Value 3: Energy Industry Expertise
Outcome: Demonstrate a comprehensive understanding of the worldwide energy marketplace and the information, methods, and strategies used by strategic decision-makers in the energy industry.

Value 4: Executive Presence
Outcome: Demonstrate a growing executive presence based on confidence, credibility, demeanor, communication, ethics, and personal brand.

These objectives are assessed in relevant courses across the curriculum using projects, presentations, assignments and exam questions.