## Global Energy Management, MS

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### Faculty

**Professors/Instructors**
- John Burkholder, MSSM
- Andy Bertsch, D.B.A.
- Jenny Bredt, MS
- Ralph Cantafio, J.D., MS
- Janie M. Chermak, Ph.D.
- Jill Engel-Cox, Ph.D.
- Jamie Ferguson, M.S.
- Chris Hansen, Ph.D.
- Gary Hapken, CPA, MBA
- Maen M. Husein, Ph.D.
- Jack Mason, Ph.D.
- Brent Mattson, Ph.D.
- Michael J. Orlando, Ph.D.
- Johanna Schmidtke, Ph.D.
- Steven Seay, Ph.D.
- Melissa Wood, MBA

### 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.

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 four 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>
</tr>
<tr>
<td>GEMM 6300</td>
<td>Technical Aspects of Energy Science</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6400</td>
<td>Leadership and Decision Making in the Global Energy Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6410</td>
<td>People Management in the Global Energy Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEMM 6450</td>
<td>Strategic Management of the Energy Industry</td>
<td>3</td>
</tr>
<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>
</tr>
</tbody>
</table>

**Other Courses**

Select three of the following:  

- GEMM 6210 Energy and the Law: Property and Contracts  

**Total Hours:** 36

1 These courses are taken during the last two terms of the program and are offered based on enrollment.

### Notes and Restrictions

The 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 Mondays) 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/) for deadlines and dates of each GEM term. 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.