Program Learning Outcomes for the MEEcon Degree

Upon completing the MEEcon degree, students will:

1. Understand and apply basic economic scientific, political, and statistical principles useful for analyzing and understanding energy markets.
2. Develop quantitative skills to better utilize data to inform strategic decisions.
3. Be better able to communicate insights arising from the economics perspective on issues affecting the energy sector.

Requirements for the MEEcon Degree

The MEEcon degree is a non-thesis master’s degree. For general university requirements, please see Non-Thesis Master's Degrees (ga.rice.edu/graduate-students/academic-policies-procedures/regulations-procedures-non-thesis-masters-degrees). Students pursuing the MEEcon degree must complete:

- A minimum of 40 credit hours to satisfy degree requirements.

<table>
<thead>
<tr>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
</tr>
<tr>
<td>--------</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Degree Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
</tr>
<tr>
<td>--------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>ECON 601</td>
</tr>
<tr>
<td>ECON 602</td>
</tr>
<tr>
<td>ECON 603</td>
</tr>
<tr>
<td>ECON 604</td>
</tr>
<tr>
<td>ECON 606</td>
</tr>
<tr>
<td>ECON 699</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Footnotes and Additional Information

1. A (Summer Session) practicum or internship is required for completion of the MEEcon professional master’s degree. The practicum will provide students with practical experience relative to the degree. Students will work on projects developed by an industry advisory group. The research will be presented to participating industry advisors at the completion of the degree program. The projects will provide prospective employers with an opportunity to evaluate new talent effectively. As an alternative to the practicum, students may complete an internship with an approved employer. The internship is meant to last 7 weeks and should be directly related to the student’s core area of study in the MEEcon degree program. Internships with an approved employer may be substituted. In particular, it is recognized that some students may have previous professional experience in their area of study, and that their employer may be able to fulfill the internship requirement may be fulfilled by working on an approved special project with their current employer.

2. See Proposed Plan-of-Study below. Students may complete either 3 electives in Session II, and 1 elective in Session III, or complete 2 electives each in both Sessions II and III.

Proposed Plan-of-Study

The MEEcon degree program is completed in 12 months and is organized in four sessions. Sessions I and II correspond to the Fall and Spring semester, respectively, and follow the standard Rice academic calendar. Sessions III and IV are two consecutive 7-week long sessions that take place during the subsequent summer. All courses (including required courses and electives) are graduate-level courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session I (Fall Semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 601</td>
<td>ENERGY ECONOMICS I</td>
<td>4</td>
</tr>
<tr>
<td>ECON 602</td>
<td>MICROECONOMICS OF THE ENERGY SECTOR</td>
<td>4</td>
</tr>
<tr>
<td>ECON 603</td>
<td>APPLIED ECONOMETRICS FOR ENERGY SECTOR MARKETS</td>
<td>4</td>
</tr>
<tr>
<td>ECON 606</td>
<td>CORPORATE FINANCE FOR THE ENERGY SECTOR</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Credit Hours</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session II (Spring Semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 604</td>
<td>ENERGY ECONOMICS II</td>
<td>4</td>
</tr>
<tr>
<td>Elective one</td>
<td>Elective one</td>
<td>4</td>
</tr>
<tr>
<td>Elective two</td>
<td>Elective two</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Credit Hours</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Session III (Summer I)</td>
<td></td>
</tr>
<tr>
<td>Elective three</td>
<td>Elective three</td>
<td>4</td>
</tr>
<tr>
<td>Elective four</td>
<td>Elective four</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Credit Hours</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Session IV (Summer II)</td>
<td></td>
</tr>
<tr>
<td>ECON 699</td>
<td>PRACTICUM</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Credit Hours</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>40</td>
</tr>
</tbody>
</table>
Footnotes and Additional Information

1. An internship is required in the Summer II Session for completion of the MEEcon professional master’s degree. The practicum will provide students with practical experience relative to the degree. Students will work on projects developed by an industry advisory group. The research will be presented to participating industry advisors at the completion of the degree program. The projects will provide prospective employers with an opportunity to evaluate new talent effectively. The internship is meant to last 7 weeks and should be directly related to the student’s core area of study in the MEEcon degree program. Internships with an approved employer may be substituted. In particular, it is recognized that some students may have previous professional experience in their area of study, and that their employer may be able to fulfill the internship requirement may be fulfilled by working on an approved special project with their current employer.

2. Students must complete a total of 4 courses as electives from departmental (ECON) course offerings selected from ECON 605 or any course between ECON 607 and ECON 622. Students may complete either 3 electives in Session II, and 1 elective in Session III, or complete 2 electives each in both Sessions II and III.

Policies for the MEEcon Degree

Admission

Information on admission to the MEEcon program is available on the Economics website (https://economics.rice.edu/graduate-program/MEECON/for-applicants/admissions-requirements). For general university requirements, see Graduate Degrees (ga.rice.edu/graduate-students/academic-opportunities/degrees) and Admission to Graduate Study (ga.rice.edu/graduate-students/academic-policies-procedures/admission).

Transfer Credit

For Rice University’s policy regarding transfer credit, see Transfer Credit (ga.rice.edu/graduate-students/academic-policies-procedures/regulations-procedures-non-thesis-masters-degrees). Some departments and programs have additional restrictions on transfer credit. Students are encouraged to meet with their academic program’s advisor when considering transfer credit possibilities.

For additional information, please see the Economics website: https://economics.rice.edu/

Opportunities for the MEEcon Degree

Byron Pope Award

The Byron Pope Award is given to the student who best exemplifies the benefits provided by participation in the Masters in Energy Economics Program.

For additional information, please see the Economics website: https://economics.rice.edu/