Agricultural and Applied Economics: Resource and Energy Demand Analysis, M.S.

This is a named option within the Agricultural and Applied Economics M.S. (http://guide.wisc.edu/graduate/agricultural-applied-economics/agricultural-applied-economics-ms)

This one-year master’s program prepares students for challenging and rewarding careers in the fields of energy, resource, and environmental management. REDA provides graduate training for a smart green world. Our students learn economic theory and quantitative methods in data analysis, attend seminars on current issues in energy & natural resources delivered by industry professionals, and solve real-world research problems. Many REDA alumni are working with energy utilities and energy consulting firms.

Our small class size means students get plenty of individual attention from faculty and staff. The cohort nature of our program fosters peer-to-peer learning and a culture of intellectual curiosity. Completion of this fast track masters requires 31 credits and does not include a thesis. The program begins with a summer online course, continues with two semesters of on campus courses, and concludes with a research project the following summer. Learn more (http://reda.aae.wisc.edu).

ADMISSIONS

Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program’s website.

Graduate admissions is a two-step process between academic programs and the Graduate School. Applicants must meet the minimum requirements (https://grad.wisc.edu/apply/requirements) of the Graduate School as well as the program(s). Once you have researched the graduate program(s) you are interested in, apply online (https://grad.wisc.edu/apply).

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Deadline</td>
<td>This program does not admit in the fall.</td>
</tr>
<tr>
<td>Spring Deadline</td>
<td>The program does not admit in the spring.</td>
</tr>
<tr>
<td>Summer Deadline</td>
<td>March 31</td>
</tr>
<tr>
<td>GRE (Graduate Record Examinations)</td>
<td>Required.</td>
</tr>
<tr>
<td>English Proficiency Test</td>
<td>Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (<a href="https://grad.wisc.edu/apply/requirements/#english-proficiency">https://grad.wisc.edu/apply/requirements/#english-proficiency</a>).</td>
</tr>
<tr>
<td>Other Test(s) (e.g., GMAT, MCAT)</td>
<td>n/a</td>
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Letters of Recommendation Required

Our priority application deadline is January 15th for enrollment the following summer. For details on the REDA Application Process, please go to this link:

To Apply (http://reda.aae.wisc.edu/apply)

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding) is available from the Graduate School. Be sure to check with your program for individual policies and processes related to funding.

PROGRAM RESOURCES

Students in the Resource and Energy Demand Analysis program are not permitted to accept tuition-waiving assistantships or seek double or dual degrees.

REDA offers partial scholarships to exceptional applicants. Learn more (http://reda.aae.wisc.edu/apply).

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction Definitions</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evening/Weekend: These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program. Online: These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program. Hybrid: These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely</td>
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</tr>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

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</table>
online semester. For more information about the hybrid schedule of a specific program, contact the program.

Accelerated: These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.

CURRICULAR REQUIREMENTS

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>31 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>All credits in the curriculum are in graduate-level coursework.</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>Students must maintain a minimum GPA of 3.00 in any course taken as a graduate student, unless probationary admission conditions require higher grades. Students must earn grades of B or above in the core REDA courses: A AE 636, A AE 772, and A AE 776.</td>
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</table>

Assessments and Examinations: None.

Language Requirements: No language requirements.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>A AE 770</td>
<td>Introduction to Quantitative Methods in Resource and Energy Economics (Online)</td>
<td>3</td>
</tr>
<tr>
<td>A AE 636</td>
<td>Applied Econometric Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>A AE 771</td>
<td>Microeconomics of Resources and Energy: Theory to Practice</td>
<td>3</td>
</tr>
<tr>
<td>A AE 777</td>
<td>Survey and Sample Design in Applied Economics</td>
<td>2</td>
</tr>
<tr>
<td>A AE 773</td>
<td>Seminar in Resource and Energy Demand Analysis</td>
<td>1-2</td>
</tr>
<tr>
<td>PUB AFFR/ENVIR ST/URB R PL 809</td>
<td>Introduction to Energy Analysis and Policy</td>
<td>3</td>
</tr>
<tr>
<td>A AE 772</td>
<td>Applied Econometrics of Resource and Energy Demand</td>
<td>4</td>
</tr>
<tr>
<td>A AE 773</td>
<td>Seminar in Resource and Energy Demand Analysis</td>
<td>1-2</td>
</tr>
</tbody>
</table>

GRADUATE SCHOOL POLICIES

The Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

NAMED OPTION-SPECIFIC POLICIES

GRADUATE PROGRAM HANDBOOK

The Graduate Program Handbook (http://reda.aae.wisc.edu/handbook.pdf) is the repository for all of the program’s policies and requirements.

PRIOR COURSEWORK

Graduate Work from Other Institutions

With program approval, students are allowed to count no more than 6 credits of graduate coursework from other institutions. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison Undergraduate

With program approval, students are allowed to count no more than 7 credits of undergraduate coursework numbered 300 or above from UW–Madison. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison University Special

No credits earned as a UW–Madison University Special student may be applied toward the program requirements.

PROBATION

The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.
ADVISOR / COMMITTEE
The REDA program director and REDA program coordinator will
serve as co-advisors for all REDA students.

CREDITS PER TERM ALLOWED
15 credits

TIME CONSTRAINTS
Master's degree students who have been absent for five or more
consecutive years lose all credits that they have earned before their
absence. Individual programs may count the coursework students
completed prior to their absence for meeting program requirements;
that coursework may not count toward Graduate School credit
requirements.

OTHER
Students in the Resource and Energy Demand Analysis program
are not permitted to accept assistantships or seek double or dual
degrees.

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES
Take advantage of the Graduate School's professional development
resources (https://grad.wisc.edu/pd) to build skills, thrive academically,
and launch your career.

REDA students receive personalized career advice to help them achieve
their professional goals. This includes feedback on resumes and cover
letters, panel presentations by REDA alumni, and opportunities to network
with local and national professionals in the energy and natural resource
fields. Employers recognize the high-quality training that our students
receive and often directly recruit REDA students for their job openings.

PEOPLE

Faculty: Professors Foltz (chair), Barham, Chavas, Coxhead, Deller, Gould,
Mitchell, Phaneuf, Provencher, Rutherford, Stiegert; Associate Professors
Alix-Garcia, Du, Grainger, Hueth, Schechter, Shi; Assistant Professors
Conroy, Dower, Parker, Tjernström; Faculty Associate Dong

Lecturers: Beardmore, Glinsmann