AGRICULTURAL AND APPLIED ECONOMICS: PROFESSIONAL OPTION, M.S.

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

The Agricultural and Applied Economics Professional Option (MSPO) program is a full-time, 15-month, accelerated professional master's program designed to meet the growing private sector demand for quantitatively-skilled analysts and managers. Please visit the AAE MS AAE Professional Option (https://aae.wisc.edu/grad/mspo) website for more information.

Other options are REDA (https://reda.aae.wisc.edu) and the AAE MS Traditional Option (https://aae.wisc.edu/grad/masters).

ADMISSIONS

The priority application deadline for the Professional Option is March 15 for fall enrollment. Admission decisions are made after that date on a rolling admission basis. If there is room in the program, applications will be taken after that date. For details on the MS AAE Professional Option (MSPO) please visit the APPLY (https://aae.wisc.edu/grad/apply) page.

GRADUATE SCHOOL ADMISSIONS

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

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

AAE has limited scholarships for Professional Option students. Applications will be reviewed for admission and funding with the initial application.

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

Face to Face Evening/Weekend Online Hybrid Accelerated
Yes No No Yes Yes

Mode of Instruction Definitions

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 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

Note: The major is currently non-admitting. Students are admitted through one of the named options (sub-majors) below (p.  ).
### Requirements Detail

<table>
<thead>
<tr>
<th>Minimum Credit Requirement</th>
<th>Minimum Residence Credit Requirement</th>
<th>Minimum Graduate Coursework Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 credits</td>
<td>16 credits</td>
<td>Half of degree coursework (15 out of 30 total credits) must be completed in courses numbered 700 or higher</td>
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<tr>
<td>Overall</td>
<td></td>
<td>3.00 GPA required.</td>
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<tr>
<td>Other Grade Requirement</td>
<td></td>
<td>Students must earn a B or above in all core curriculum coursework.</td>
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<tr>
<td>Assessments and Examinations</td>
<td></td>
<td>n/a</td>
</tr>
<tr>
<td>Language Requirements</td>
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<td>No language requirements.</td>
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### REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1 - Fall Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A A E 771</td>
<td>Microeconomics of Resources and Energy: Theory to Practice</td>
<td>3</td>
</tr>
<tr>
<td>A A E 636</td>
<td>Applied Econometric Analysis I</td>
<td>3</td>
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<tr>
<td>A A E 721</td>
<td>Professional Communication of Applied Economic Analysis</td>
<td>1</td>
</tr>
<tr>
<td>Choose from the list of electives:</td>
<td></td>
<td>3+</td>
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<tr>
<td>A A E/ECON 526</td>
<td>Quantitative Methods in Agricultural and Applied Economics</td>
<td></td>
</tr>
<tr>
<td>A A E/M HR 540</td>
<td>Intellectual Property Rights, Innovation and Technology</td>
<td></td>
</tr>
<tr>
<td>A A E 777</td>
<td>Survey and Sample Design in Applied Economics</td>
<td></td>
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<tr>
<td><strong>Year 1 - Spring Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A A E 772</td>
<td>Applied Econometrics of Resource and Energy Demand</td>
<td>4</td>
</tr>
<tr>
<td>A A E 706</td>
<td>Applied Risk Analysis</td>
<td>3</td>
</tr>
<tr>
<td>A A E 720</td>
<td>Seminar in Quantitative and Applied Economics</td>
<td>1</td>
</tr>
<tr>
<td>Choose from the list of electives:</td>
<td></td>
<td>3+</td>
</tr>
<tr>
<td>A A E 641</td>
<td>Foundations of Agricultural Economics</td>
<td></td>
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<tr>
<td>A A E 642</td>
<td>Foundations of Development Economics</td>
<td></td>
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<tr>
<td>A A E 643</td>
<td>Foundations of Environmental and Natural Resource Economics</td>
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<tr>
<td>A A E 637</td>
<td>Applied Econometric Analysis II</td>
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<tr>
<td>A A E/ECON/ENVIR ST/URB R PL 671</td>
<td>Energy Economics</td>
<td></td>
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<tr>
<td>A A E/ECON/F&amp;W ECOL 531</td>
<td>Natural Resource Economics</td>
<td></td>
</tr>
</tbody>
</table>

### Year 1 - Summer Semester (8 weeks)

- A A E 722: Machine Learning in Applied Economic Analysis | 4

### Year 2 - Fall Semester

- A A E 723: Professional Development Seminar | 1
- A A E 724: Practicum for Applied Economists | 4
- Choose from the list of electives: | 3+
- A A E 375: Special Topics | 1-4
- A A E/ECON 526: Quantitative Methods in Agricultural and Applied Economics
- A A E/M HR 540: Intellectual Property Rights, Innovation and Technology
- A A E 777: Survey and Sample Design in Applied Economics

### Policies

#### 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

A Graduate Program Handbook containing all of the program’s policies and requirements is forthcoming from the program.

#### Prior Coursework

**Graduate Work from Other Institutions**

Students are allowed to count up to 6 credits from other institutions.

**UW–Madison Undergraduate**

Up to 6 credits from a UW-Madison undergraduate degree are allowed to count toward the MS degree.

**UW–Madison University Special**

Students are allowed to count 15 credits of course work numbered 300 or above taken as a UW-Madison University Special student toward the MS-Professional Option.

Course work earned five or more years prior to admission to a master’s degree is not allowed to satisfy 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 A A E Graduate Faculty Committee makes decisions regarding student progress.
CREDITS PER TERM ALLOWED
15 credits

TIME CONSTRAINTS
A full-time student is expected to complete the M.S. in Agricultural and Applied Economics in two years. The program can be completed part-time but must be completed in five years.

OTHER
Students in the Professional Option program are not permitted to accept assistantships or seek dual or double 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.

PROGRAM RESOURCES
The MS AAE Professional Option courses are designed to prepare students to enter the professional workforce in both the US and abroad in data-intensive and quantitatively focused jobs in economic consulting, businesses, agribusinesses, non-profit organizations focused on development, and governmental sectors.

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