



### ***Twin Cities Campus***

## **Applied Economics M.S.**

*Applied Economics*

**College of Food, Agricultural and Natural Resource Sciences**

Link to a [list of faculty](#) for this program.

### **Contact Information:**

Department of Applied Economics Graduate Program, 231 Ruttan Hall, 1994 Buford Avenue, Saint Paul, MN 55108-6040 (612-625-3777; fax: 612-625-6245)

Email: [apecdgs@umn.edu](mailto:apecdgs@umn.edu)

Website: <http://www.catalogs.umn.edu/grad/programs/g004.html>

- Program Type: Master's
- Requirements for this program are current for Spring 2018
- Length of program in credits: 30
- This program does not require summer semesters for timely completion.
- Degree: Master of Science

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The MS degree in applied economics prepares students for employment opportunities in the public and private sectors, and for further graduate study. This rigorous but flexible program includes core coursework in economic theory and quantitative methods, and offers opportunities for specialized coursework and research in all the fields of study offered by the program.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Prerequisites for Admission**

The preferred undergraduate GPA for admittance to the program is 3.00.

Other requirements to be completed before admission:

The following coursework is considered the minimum preparation for the MS program: micro and macroeconomic theory at the intermediate undergraduate level, statistics, two semesters of calculus, and introductory linear algebra. Additional coursework in economics, statistics, and math is highly desirable and recommended, especially for students who intend to apply for the doctoral program after completion of the MS degree.

### **Special Application Requirements:**

Applicants must submit scores from the General Test of the GRE, three letters of recommendation from persons familiar with the applicant's scholarship and research potential, a complete set of college or university transcripts, and a clearly written statement of academic and career interests, goals, and objectives. For complete application instructions, visit the website:

<http://www.apecgrad.umn.edu/Admissions/index.htm>. Students should apply by the December deadline to ensure priority consideration for admissions and funding.

Applicants must submit their test score(s) from the following:

- GRE

International applicants must submit score(s) from one of the following tests:

- TOEFL
  - Internet Based - Total Score: 79
  - Internet Based - Writing Score: 21
  - Internet Based - Reading Score: 19
  - Paper Based - Total Score: 550
- IELTS
  - Total Score: 6.5
- MELAB
  - Final score: 80

The preferred English language test is Test of English as Foreign Language



Key to [test abbreviations](#)(GRE, TOEFL, IELTS, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

## Program Requirements

**Plan A:** Plan A requires 14 major credits, 6 credits outside the major, and 10 thesis credits. The final exam is oral.

**Plan B:** Plan B requires 14 to 16 major credits and 10 to 12 credits outside the major. The final exam is oral. A capstone project is required.

**Capstone Project:** A project that demonstrates familiarity with the theoretical and empirical tools of economics. The Plan B project requires between 4 and 6 project credits (APEC 8793).

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 3.00 is required for students to remain in good standing.

MS students are required to complete graduate-level courses in microeconomic theory, macroeconomic theory, and econometrics or statistics, and are required to participate in two 1-credit MS seminars. Both Plan A and Plan B require a minimum of 30 credits, 14 credits of which must be in the major field (APEC, ECON, or STAT classes). These 14 major field credits must include a minimum of 9 credits in applied economics (excluding thesis and special topics, independent study, and APEC 8901-02). Plan A requires 10 thesis credits. Plan B requires a 4- to 6-credit project.

### Required Courses

All students must complete one course from each sub-group and both seminar courses, with a minimum of 11 credits. Courses must be taken A-F only excluding seminar.

Complete one of the courses from this group A-F only.

[APEC 5031](#) - Methods of Economic Data Analysis (3.0 cr)

or [APEC 8211](#) - Econometric Analysis I (2.0 cr)

Complete one of the two 5XXX level courses or the 8XXX level series A-F only and a minimum of 3 credits.

[APEC 5152](#) *(Inactive)* (3.0 cr)

or [APEC 5032](#) - Economic Data Analysis for Managerial and Policy Decisions (3.0 cr)

or Must complete entire series A-F

[ECON 8105](#) - Macroeconomic Theory (2.0 cr)

[ECON 8106](#) - Macroeconomic Theory (2.0 cr)

Complete the 5XXX level course or the 8XXX level series A-F only and a minimum of 3 credits.

[APEC 5151](#) - Applied Microeconomics: Firm and Household (3.0 cr)

or Must complete entire series A-F

[APEC 8001](#) - Applied Microeconomic Analysis of Consumer Choice and Consumer Demand (2.0 cr)

[APEC 8002](#) - Applied Microeconomic Analysis of Production and Choice Under Uncertainty (2.0 cr)

[APEC 8901](#) - Graduate Seminar: MS & PhD (1.0 cr)

[APEC 8902](#) - Graduate Research Development Seminar (1.0 cr)

### Plan A

#### Electives

9 credits required (A-F only). 3 credits must be chosen from APEC, ECON, STAT (excluding STAT 5021, 5022, 5031). 6 credits may be chosen from APEC, ECON, STAT or a related field in consultation with advisor. All courses must be at 5XXX or 8XXX level.

Recommended course [APEC 5032](#).

10 credits required in [APEC 8777](#).

[APEC 8777](#) - Thesis Credits: Master's (1.0 - 18.0 cr)

### Plan B

#### Electives

13 credits required (A-F only). 3 credits must be chosen from APEC, ECON, STAT (excluding STAT 5021, 5022, 5031). 6 credits may be chosen from APEC, ECON, STAT or a related field in consultation with advisor. All courses must be at 5XXX or 8XXX level. Recommended course [APEC 5032](#).

#### Plan B Project

4 to 6 credits required in [APEC 8793](#).

[APEC 8793](#) - Master's Paper: Plan B Project (1.0 - 6.0 cr)

**Joint- or Dual-degree Coursework:** MS-Applied Economics/MBA Student may take a total of 18 credits in common among the



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