

## DEPARTMENT OF ECONOMICS

### HOW TO MAJOR OR MINOR IN ECONOMICS

The major in Economics leads to the B.A. in the college of Letters and Science. It provides the centerpiece for rigorous study of liberal arts, and is a strong complement to the study of business, engineering or education. For many students, liberal arts subjects such as History, Sociology, Political Science, and Pre-Law are better learned in combination with Economics. Course descriptions are available on the departmental website at <http://www.uwm.edu/Dept/Economics>.

The following details the requirements for the Economics Department. Forms for declaring a Major or Minor can be picked up in the Department of Economics Office, Bolton 868. A list of departmental advisors and their contact information is available in the Department of Economics Office or from the website. Students should also consult with their Letters and Science advisor to ensure satisfaction of L&S requirements and to obtain a degree audit.

Contact: William Holahan, Chair  
holahan@uwm.edu

### MAJOR IN ECONOMICS

#### COURSE OF STUDY: Major

The major in economics requires a minimum of 30 credits including the following:

Econ 103	Principles of Microeconomics	3 credits
Econ 104	Principles of Macroeconomics	3 credits
Econ 210*	Economic Statistics	3 credits
Econ 301	Intermediate Microeconomics	3 credits
Econ 302	Intermediate Macroeconomics	3 credits

\* Bus Adm 210 (Introduction to Management Statistics) or MthStat 215 (Elementary Statistical Analysis) may be substituted for Econ 210 and will count in the Major GPA.

At least 15 credits must be in upper-division (300-level and above) economics courses taken in residence at UWM. At least one course must be at the 400 level or above, excluding Econ 415. To major in economics, students must earn a grade of at least C in Econ 103 and 104, attain at least a 2.5 GPA in all credits in the major attempted at UWM, and attain at least a 2.5 GPA on all major credits attempted when transfer work is included along with the UWM work.

#### Research Requirement

All majors in economics must complete a research experience by selecting a 400- or 500-level course (except Econ 415) in which they will write and present a research paper. Eligible courses include Econ 403, 404, 405, 411, 422, 426, 432, 437, 447, 448, 454, 455, 506, 513, 529, or 699. The contents of the paper and the presentation of the results will be arranged by the student with the faculty member teaching the course at the beginning of the semester. Once the paper is complete and has been presented in class, the student will submit to the faculty member a Research Requirement Completion form (attached to the end of this document) to indicate that

this degree requirement has been satisfied. This form will be signed by the faculty member and submitted to the Chair of the Economics Department.

Students enrolling before Fall 2006 may choose to complete the Capstone Requirement in place of the Research Requirement. For the major in Economics, this entails taking a 400 level or above course (except 415) after having attained senior status. Students should check with their L&S advisor as to the L&S requirements if they choose to meet the Capstone instead of the Research Requirement.

### **Honors in the Major**

Departmental honors are awarded upon graduation to students who achieve a 3.00 GPA on all credits attempted, a 3.50 GPA on all credits that count toward the major, and a 3.50 GPA on all credits in advanced-level (numbered 300 and above) courses that count toward the major.

### **Optional Concentrations**

The Department offers three optional concentrations within the major. While completing the major requirements outlined above, students may elect to complete one of the following sets of requirements.

- International Economics - three courses from the international module
- Quantitative Methods - three courses from the quantitative methods module
- Graduate Preparation - two courses each from the quantitative method module and the economics theory module as follows:
  - Econ 506 - Mathematical Economics I (3 credits)
  - Econ 606 - Mathematical Economics II (3 credits)
  - Econ 413 - Mathematical Statistics for Economists (3 credits)
  - Econ 513 - Econometrics (3 credits)

For courses that meet the requirements of each module, see the Economics Courses listing.

## **MINOR IN ECONOMICS**

### **COURSE OF STUDY: Minor**

The Minor in Economics requires a minimum of 18 credits, including:

Econ 103	Principles of Microeconomics	3 credits
Econ 104	Principles of Macroeconomics	3 credits
Econ 210*	Economic Statistics	3 credits

\* Bus Adm 210 (Introduction to Management Statistics) or MthStat 215 (Elementary Statistical Analysis) may be substituted for Econ 210 and will count in the Minor GPA.

The remaining 9 credits must be in upper-division (300-level and above) Economics courses; 9 credits in upper-division courses must be taken in residence at UWM. Students must attain at least a 2.5 GPA in all credits in the minor attempted at UWM and attain at least a 2.5 GPA on all minor credits attempted when transfer work is included along with the UWM work.

## Worksheet for the Major in Economics

**Please bring this completed form when meeting with your Economics Department advisor.**

**Required:** (check if satisfied)

30 credits in Economics \_\_\_\_\_  
 15 credits in courses numbered 300 or above at UWM \_\_\_\_\_  
 2.5 GPA on UWM Economics credits \_\_\_\_\_  
 2.5 GPA on all Economics credits, including transfer credits \_\_\_\_\_

	<b>Term:</b>	<b>Credits</b>	<b>Grade</b>
Econ 103	_____	3 credits	_____
Econ 104	_____	3 credits	_____

Students must complete each of the above courses with a grade of C or better.

Econ 210	_____	3 credits	_____
Econ 301	_____	3 credits	_____
Econ 302	_____	3 credits	_____

Economics courses numbered 300 or above (6 credits)

_____	_____	3 credits	_____
_____	_____	3 credits	_____

Economics courses numbered 400 or above, excluding 415 (3 credits)

_____	_____	3 credits	_____
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Other Economics courses completed (at least 6 credits)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total credits completed \_\_\_\_\_

Research Requirement Satisfied? \_\_\_\_\_  
 (fill in course and term)

**Research Requirement Completion Form**  
**Department of Economics**  
**University of Wisconsin-Milwaukee**

As part of the Economics undergraduate degree requirements, all majors must complete a research experience by selecting a 400- or 500-level course (except Econ 415) in which they will write and present a research paper. Eligible courses include Econ 403, 404, 405, 411, 422, 426, 432, 437, 447, 448, 454, 455, 506, 513, 529, or 699. The contents of the paper and the presentation of the results will be arranged with the faculty member teaching the course. Therefore, it is important that you meet with the course instructor in the first weeks of the semester to arrange the details to satisfy this requirement

When these details have been finalized and after you present your paper in the class, fill out the information below and have the faculty member sign to show that this degree requirement has been satisfied. Then turn in this form to the Economics Department main office in Bolton 868. (For any questions regarding this form or requirement, please contact one of the Economics Department Undergraduate Advisors – a list is found at: <http://www.uwm.edu/Dept/Economics/Contact.htm>)

Student Name: \_\_\_\_\_

Student ID#: \_\_\_\_\_

Course number: \_\_\_\_\_

Academic semester: \_\_\_\_\_

Paper Title: \_\_\_\_\_

\_\_\_\_\_

Instructor signature: \_\_\_\_\_