### THE POLICIES AND PROCEDURES FOR GRADUATE MINOR IN ECONOMICS

Department of Economics, The Ohio State University 410 Arps, 1945 N. High Street, Columbus OH 43210-1172

### **Program Administrators**

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The Graduate Minor in Economics will benefit graduate students in other OSU departments, who wish to improve their substantive knowledge of theory, empirical methods and model analysis in the areas of microeconomics, macroeconomics, econometrics and their applications. Such training is intended to complement the student's chosen graduate major field. The Director of Graduate Studies (DGS) in Economics cannot advise prospective graduate minor students how the Graduate Minor in Economics can *specifically* complement students' home graduate program. A student should therefore consult the advisor in the home/major department as to how the Graduate Minor in Economics can enhance the student's major academic goal.

The application form to Graduate Minor in Economics is available at the end of this document.

#### **Procedures**

A student must apply for admission to the Graduate Minor in Economics using the Application Form provided by the Economics Program. Graduate Minor Application Form for admission may be submitted any time. Shortly after receipt of the completed Application Form, the Economics Office of Graduate Studies (OGS) will acknowledge the receipt of the student application.

Upon admission to the Graduate Minor in Economics, the students will receive a letter signed by the Economics DGS to that effect with cc: to the Graduate School as well as student's home department advisor and office of graduate studies. The Graduate School also will send the student an acknowledgement of admission to the Graduate Minor in Economics program.

Before enrolling in the Graduate Minor in Economics, the Economics DGS must approve the student's Economics Graduate Minor Program Plan of Study. The Economics OGS will send copies of the student's Plan of Study to the student's home program advisor and office of graduate studies. The student must adhere to taking courses as indicated in the approved Plan of Study. If a change in the Plan of Study is necessary, the student must obtain the Economics DGS's prior approval for a revision. Whenever there is a substantive change in the student's Plan of Study, the Economics OGS will send the revised Plan of Study signed by the Economics DGS to the student's home program advisor and office of graduate studies. Graduate School will match the courses completed with those in the approved Graduate Minor Program Plan of Study. An unauthorized departure from the Graduate Minor Program Plan of Study can lead to a loss of transcript designation.

When requirements for the minor have been completed, the Economics DGS issues the signed Graduate Minor Transcript Designation Form, which will be submitted to the student's home department and the Graduate School.

### **Policies**

The goal of the Graduate Minor in Economics is to provide a graduate curriculum in which non-economics graduate students learn economists' methods and concepts so that they can appreciate journal articles, working papers and graduate-level textbooks in the areas of their interest. After a few core courses in the Graduate Minor program, students should be able to take some of the field courses in our Ph.D. program, especially the first courses in select fields<sup>1</sup>. Depending on their technical backgrounds, some students may also be able take some of our Ph.D. core courses in theory and econometrics.

The Graduate Minor in Economics conforms to the Graduate School requirements for a Graduate Minor<sup>2</sup>.

<u>Eligibility</u>: An Ohio State University student already enrolled with good standing in a graduate program whose home department is not the Department of Economics.

<u>Enrollment Procedure</u>: A prospective student for the Graduate Minor in Economics must apply to the Economics Office of Graduate Studies (OGS), and must obtain the approval by the Director of Graduate Studies in Economics (DGS) of an academic plan that satisfies the Minor program.

Requirements: A student must take at least 4 courses and earn at least 20 credit hours from the set of graduate economics courses to be approved by the Economics DGS<sup>3</sup>, and must earn a grade of B or better in each Economics DGS approved course. If a course allows a non-letter grade, the student must obtain approval from the Economics DGS prior to taking the course on the basis of Satisfactory (S)/Unsatisfactory (U) and must earn an S. No qualifier examination or field examination is required for the Graduate Minor in Economics; no part of the course requirements can be partially or wholly substituted for by a qualifier examination or field examination.

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<sup>&</sup>lt;sup>1</sup> Our Ph.D. program offers eight fields, each field consisting of three or more courses, and, on average, approximately 25 field courses are offered in a given academic year. The eight fields can be grouped into microeconomics (4 fields: advanced theory, labor economics, industrial organization, public finance & urban economics), macroeconomics (2 fields: macro & monetary economics, international economics), econometrics (1 field) and economic history (1 field).

<sup>&</sup>lt;sup>2</sup> II.7.9.4 Graduate Minors (OSU Graduate School Handbook).

a. The Graduate Minor involves one program outside of a student's major graduate program. The Graduate Minor requires a minimum of 14 hours of graduate level course work in at least four courses.

b. The student must receive a grade of B or better, or S, in each course comprising the Graduate Minor.

c. The completed Graduate Minor will appear on the student's permanent record (transcript).

<sup>&</sup>lt;sup>3</sup> Every course in our program, except possibly Economics 893 (Independent Study) and Economics 999 (Dissertation Research), is a five credit-hour course; the minimum four courses translate into the minimum 20 credit hours.

<u>Transcript Designation</u>: Upon meeting the course and grade requirements, the "Graduate Minor in Economics" will be designated in the student's official OSU transcript.

<u>Course Requirements</u>: Four graduate courses in economics, each with the grade of B or better, must be taken to satisfy the Graduate Minor in Economics. Two of the four courses must be core concept and methodology courses, and one of them must be chosen from the following set of five core microeconomic theory courses<sup>4</sup>:

Economics 704 Survey of Microeconomics I Economics 705 Survey of Microeconomics II Economics 804 Microeconomics I Economics 805 Microeconomics II Economics 808 Microeconomics III

Economics 640, 740, 700 and 701 shall not be used to satisfy the course requirements of the Graduate Minor in Economics except possibly when 700 is taken concurrently with 704 per Economics DGS approval<sup>5</sup>. Economics 893 (independent study), Economics 999 (Dissertation Research) and the Departmental Seminar/Workshop series are not admissible towards the Graduate Minor in Economics requirement<sup>6</sup>. If a seminar-title course is used to deliver substantively lecture-type instructions with students' participation, the Economics DGS will designate it as an admissible course for the Graduate Minor in Economics<sup>7</sup>.

Six courses, Economics 702-707, provide core concepts and methodology for Graduate Minor students at a technical level below the first-year core Ph.D. courses in micro (804-805-808), macro (806-807-809) and econometrics (741-742). These 700-level courses are self-contained in core concepts and methods, and open avenues to applied graduate fields in economics. Graduate Minor students are not restricted to take these 700-level courses; they may take Ph.D. core courses per Economics DGS approval.

### Survey of Microeconomic Theory

- Economics 704 (5 credit hours): Survey of Microeconomic Theory I
- Economics 705 (5 credit hours): Survey of Microeconomic Theory II

## Survey of Macroeconomic Theory

• Economics 706 (5 credit hours): Survey of Macroeconomic Theory I

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<sup>&</sup>lt;sup>4</sup> Economics 704 is the most basic to all courses, and thus a prerequisite, explicitly or implicitly, to all courses in our graduate level core and field courses. If a student already has a course equivalent to Economics 704 or above, the student can take the next core micro theory course that fits the student's background and need.

<sup>&</sup>lt;sup>5</sup> They are technical courses to supplement the core courses in economics; they do not have sufficient economics content in themselves. Only possible exception is 700 when it is taken concurrently with 704 and if Economics DGS determines that the economics content of 700 is sufficiently highly.

<sup>&</sup>lt;sup>6</sup> Non-economics Ph.D. students will be allowed to take E893 (independent study), seminars and workshops in our curriculum, subject to the Economics DGS approval, after they have met the Graduate Minor requirements.

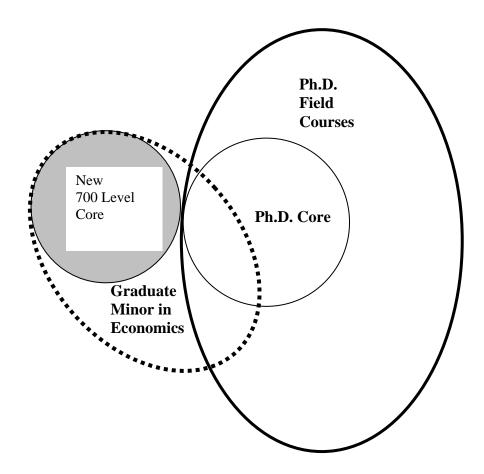
<sup>&</sup>lt;sup>7</sup> Economics 970 (Seminar in Industrial Organization) and Economics 981(Seminar in Labor Economics) are currently the only seminar-title courses that qualify as de facto advanced lecture field courses towards the Graduate Minor in Economics.

Economics 707 (5 credit hours): Survey of Macroeconomic Theory II

Survey of Econometric Methods

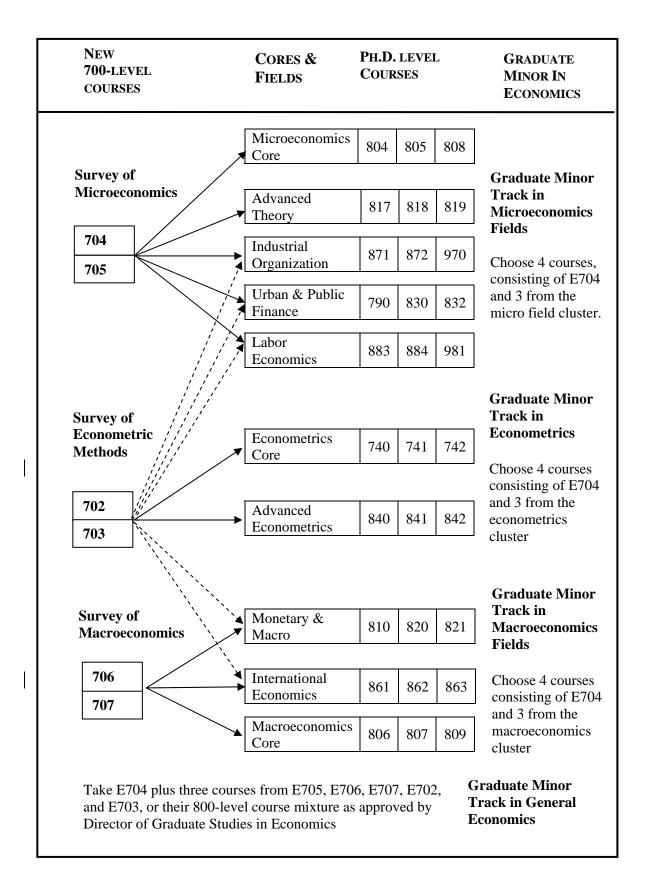
- Economics 702 (5 credit hours): Survey of Econometric Methods I
- Economics 703 (5 credit hours): Survey of Econometric Methods II

Graduate Minor students should be able to access several of the first courses in several fields after completing one or two of the 700-level core concept and methodology courses<sup>8</sup>. The Venn diagram below summarizes the Graduate Minor program in relation to the overall graduate program in economics. A schematic diagram illustrating the curriculum structure is provided in the next page, followed by a descriptive list of entire graduate course offering in economics.



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<sup>&</sup>lt;sup>8</sup> We have eight fields in our Ph.D. program, and each field consists of three or more field courses. Usually the first course of a given field is the most accessible.



# **Application to the Graduate Minor in Economics**

Student Name: (LAST NAME, First Na	ame)		
Nationality:	Gender	OSU Diversi	ty Code
OSU ID Number:	E-mail addre	ess:	@osu.edu
Local Address:			
Phone numbers: Home	Cell	Offic	e
Home Graduate Program:	Entry Quarter/Year		
Home Graduate Degree (select one)	: Ph.D. only Ph.	D./M.A./M.S.	M.A./M.S.
Cumulative GPA of all OSU courses	s taken (graduate an	d undergraduate)	1
Cumulative GPA of all OSU gradua	te courses taken		
GRE (Month /Year ):Quantit	ative: / %, Verb	al: / % Anal	lytic Writing
Undergraduate Degrees & Institutions:			
Masters Degree/ Major / Institution			
<ul> <li>the Economics Director of Graduate Stude and that "Graduate Minor in Economics' completion of the program. I am submitted Graduate Minor in Economics.</li> <li>Statement of Purpose: at most two All Undergraduate Transcripts: a accepted.</li> <li>A copy of OSU Advising Report in</li> </ul>	'will be the transcring the following do o pages, single line copies of transcripts	ipt designation u cuments to suppo space, 1 inch ma filed in the home	pon successful ort my application to the rgins on all sides
Student signature	Date	<del></del>	
I approve the student's pursuit of the G	Graduate Minor in	Economics.	
Home Graduate Advisor (Printed Nam	e) Sign	ature	Date
Home Graduate Advisor's OSU office a	address, contact ph	ones and email	address
I approve the student's application to the	Graduate Minor in I	Economics	
Hajime Miyazaki			
Director of Graduate Studies, Economics	Sign	ature	Date
Office of Graduate Studies < OGS@eco Department of Economics, 410 Arps 19			