

## DOCTOR OF PHILOSOPHY IN ECONOMICS

Department of Economics (<http://catalog.mit.edu/schools/humanities-arts-social-sciences/economics/#graduatetext>)

### Program Requirements

Core Subjects		72
<i>Select 12 subjects:</i> <sup>1</sup>		
14.121	Microeconomic Theory I	
14.122	Microeconomic Theory II	
14.123	Microeconomic Theory III	
14.124	Microeconomic Theory IV	
14.380	Statistical Method in Economics	
14.381	Estimation and Inference for Linear Causal and Structural Models	
14.382	Econometrics <sup>2</sup>	
14.384	Time Series Analysis <sup>2</sup>	
14.385	Nonlinear Econometric Analysis <sup>2</sup>	
14.451	Dynamic Optimization Methods with Applications	
14.452	Economic Growth	
14.453	Economic Fluctuations	
14.454	Economic Crises	
Research Paper		
14.192	Advanced Research and Communication <sup>3</sup>	36
Major Fields <sup>4</sup>		48
Minor Fields <sup>5</sup>		48
Thesis		
14.THG	Graduate Thesis <sup>6</sup>	216
Total Units		420

<sup>1</sup> This requirement must be satisfied in the first three terms of the program. The requirements can be met by earning a grade of B or better in the class or by passing a waiver exam.

<sup>2</sup> 14.382 Econometrics, 14.384 Time Series Analysis, and 14.385 Nonlinear Econometric Analysis are each counted as two half-term courses.

<sup>3</sup> This 12-unit subject must be taken for the fall and spring terms, and IAP of the second year of the program.

<sup>4</sup> Students must select two major fields comprised of two or three full-term subjects offered by the Department of Economics (<http://catalog.mit.edu/subjects/14>) and receive grades of B or better. Fields are development, econometrics, finance, industrial organization, international, labor, macroeconomics, organizational, political economy, public finance, and theory.

<sup>5</sup> Students must select two minor fields comprised of two full semester subjects offered by the Department of Economics (<http://catalog.mit.edu/subjects/14>) and receive grades of B or better. Fields are development, econometrics, finance, industrial organization, international, labor, macroeconomics, organizational, political economy, public finance, theory, and computation and statistics.

<sup>6</sup> The research units given here are based on three years from the general examination requirement to completion of the thesis but will vary depending on how long the student remains in the program. After completing the general examination requirement, students will register for 36 units of thesis research each fall and spring term. They may also register in the summer term but are not required to.