ECONOMICS (COURSE 14-1)

Department of Economics (*https://catalog.mit.edu/schools/humanities-arts-social-sciences/economics/#undergraduatetext*)

Bachelor of Science in Economics

General Institute Requirements (GIRs)

The General Institute Requirements include a Communication Requirement that is integrated into both the HASS Requirement and the requirements of each major; see details below.

Summary of Subject Requirements	Subjects
Science Requirement	6
Humanities, Arts, and Social Sciences (HASS) Requirement [between one and three subjects can be from the Departmental Program]; at least two of these subjects must be designated as communication-intensive (CI-H) to fulfill the Communication Requirement.	8
Restricted Electives in Science and Technology (REST) Requirement [one subject can be satisfied by 14.30 in the Departmental Program]	2
Laboratory Requirement (12 units) [can be satisfied by 14.32 in the Departmental Program]	1
Total GIR Subjects Required for SB Degree	**17**

Physical Education Requirement
Swimming requirement, plus four physical education courses for eight points.

Departmental Program

Choose at least two subjects in the major that are designated as communication-intensive (CI-M) to fulfill the Communication Requirement.

Required Subjects		Units
14.01	Principles of Microeconomics [1]	12
or 14.03	Microeconomic Theory and Public Policy	
14.02	Principles of Macroeconomics	12
14.30	Introduction to Statistical Methods in Economics [2]	12
14.32	Econometric Data Science	12
14.THU	Thesis [3]	15
Select two to three of the following, including one subject from the Macroeconomics list and two subjects designated as CI-M:		24-36
Macroeconomics		
14.05	Intermediate Macroeconomics (CI-M)	
14.06	Advanced Macroeconomics	
Communication-Intensive in the Major		
14.05	Intermediate Macroeconomics (CI-M)	
14.18	Mathematical Economic Modeling (CI-M)	
14.33	Research and Communication in Economics: Topics, Methods, and Implementation (CI-M)	
14.35	Why Markets Fail (CI-M)	
Select one of the following:		12
14.04	Intermediate Microeconomic Theory	
14.12	Economic Applications of Game Theory	
14.15[J]	Networks	
14.16	Strategy and Information	
14.19	Market Design	
14.26[J]	Organizational Economics	
Restricted Electives		
Select four elective subjects in economics		48
Units in Major		**147-159**
Unrestricted Electives [4]		**57-93**
Units in Major That Also Satisfy the GIRs		(36-60)
Total Units Beyond the GIRs Required for SB Degree		**180**

The units for any subject that counts as one of the 17 GIR subjects cannot also be counted as units required beyond the GIRs.

1. *Students with a score of 5 on the Economics AP exam may substitute 14.03 Microeconomic Theory and Public Policy.*
2. *Or an approved alternative in statistics (consult department).*
3. *May be replaced by an additional elective subject in economics.*
4. *This chart has been calculated based on an overlap of 36 units (three subjects) between the HASS General Institute Requirement and the departmental requirements. Students who develop a program of study with more overlap will be able to select more unrestricted electives to meet the number of total units beyond the GIRs required for an SB degree.*

Restricted Electives

14.03	Microeconomic Theory and Public Policy	12
14.06	Advanced Macroeconomics	12
14.11	Topics in Economics	12
14.12	Economic Applications of Game Theory	12
14.13	Psychology and Economics	12
14.15[J]	Networks	12
14.16	Strategy and Information	12
14.18	Mathematical Economic Modeling	12
14.19	Market Design	12

14.20	Industrial Organization: Competitive Strategy and Public Policy	12
14.26[J]	Organizational Economics	12
14.27	Economics of Digitization	12
14.36	Advanced Econometrics	12
14.38	Inference on Causal and Structural Parameters Using ML and AI	12
14.39	Large-Scale Decision-Making and Inference	12
14.41	Public Finance and Public Policy	12
14.42	Environmental Policy and Economics	12
14.43[J]	Economics of Energy, Innovation, and Sustainability	12
14.44[J]	Energy Economics and Policy	12
14.45[J]	Climate and Energy in the Global Economy	12
14.54	International Trade	12
14.64	Labor Economics and Public Policy	12
14.70[J]	Medieval Economic History in Comparative Perspective	12
14.73	The Challenge of World Poverty	12
14.75	Political Economy and Economic Development	12
14.76	Firms, Markets, Trade and Growth	12
14.78[J]	Shaping the Future of Technology: From Early Agriculture to Artificial Intelligence	12