MASTER OF APPLIED SCIENCE IN DATA, ECONOMICS, AND DESIGN OF POLICY

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

The Master of Applied Science in Data, Economics, and Design of Policy degree is an intensive, five-month blended program requiring 109 units of graduate subjects. The MASc degree is only available to students who have successfully completed the MITx MicroMasters credential in Data, Economics, and Design of Policy. Students receive 48 units of advance standing credit for completion of the MicroMasters Credential, complete at least 61 units of coursework in residence. The subject requirements for this program are described below.

Subject Requirements

Subjects taken online as part of the MicroMasters program		
Through a proctored examination process, students receive advanced standing credit for the following MIT subjects which constitute the first semester of the program.		
14.01	Principles of Microeconomics	12
14.310	Data Analysis for Social Scientists	12
Select two of the following:		24
14.73	The Challenge of World Poverty	
14.740	Foundations of Development Policy	
14.750	Political Economy and Economic Development	
Subjects taken in residence [1]		
14.320	Econometric Data Science	12
14.399	Seminar in Data Economics and Development Policy	12
Microeconomics		**12**
Select one of the following subjects:		
14.003	Microeconomic Theory and Public Policy [2]	
14.131	Psychology and Economics	
14.160	Behavioral Economics	
14.161	Strategy and Information	
14.283 & 14.284	Advanced Topics in Organizational Economics I and Advanced Topics in Organizational Economics II	
International Development (Development Economics)		**12**
Select one of the following subjects:		
14.772	Development Economics: Macroeconomics	
14.773	Political Economy: Institutions and Development	
14.750	Political Economy and Economic Development [3]	
14.760	Firms, Markets, Trade and Growth	
Restricted Elective [4]		**12**
Select one of the following subjects:		
14.137[J]	Psychology and Economics	
14.150	Networks	
14.163	Algorithms and Behavioral Science	
14.260	Organizational Economics	
14.388	Inference on Causal and Structural Parameters Using ML and AI	
14.420	Environmental Policy and Economics	
14.444[J]	Energy Economics and Policy	
Capstone		
14.001	Data Economics and Development Policy Summer Internship	1
Total Units		**109**

1. *Students may substitute similar coursework with advisor's permission.*
2. *Students who take 14.003 for advanced standing credit cannot take it in residence for credit.*
3. *Students who take 14.750 for advanced standing credit cannot take it in residence for credit.*
4. *With approval of the program director, students can choose one subject within or outside the department.*

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Subject Requirements

Subjects taken online as part of the MicroMasters program		
Through a proctored examination process, students receive advanced standing credit for the following MIT subjects which constitute the first semester of the program.		
14.01	Principles of Microeconomics	12
14.003	Microeconomic Theory and Public Policy	12

14.009	Economics and Society's Toughest Problems	12
14.310	Data Analysis for Social Scientists	12
Subjects taken in residence [1]		
14.320	Econometric Data Science	12
14.399	Seminar in Data Economics and Development Policy	12
Microeconomics		**12**
Select one of the following subjects:		
14.131	Psychology and Economics	
14.160	Behavioral Economics	
14.161	Strategy and Information	
14.283 & 14.284	Advanced Topics in Organizational Economics I and Advanced Topics in Organizational Economics II	
Public Policy		**12**
Select one of the following subjects:		
14.125	Market Design	
14.200	Industrial Organization: Competitive Strategy and Public Policy	
14.270	Economics and E-Commerce	
14.410	Public Finance and Public Policy	
14.640	Labor Economics and Public Policy	
Restricted Elective [2]		**12**
Select one of the following subjects:		
14.137[J]	Psychology and Economics	
14.150	Networks	
14.163	Algorithms and Behavioral Science	
14.260	Organizational Economics	
14.388	Inference on Causal and Structural Parameters Using ML and AI	
14.420	Environmental Policy and Economics	
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