DATA, ECONOMICS, AND DEVELOPMENT POLICY

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

Master of Applied Science in Data, Economics, and Development Policy

The Master of Applied Science in Data, Economics, and Development Policy degree requires a minimum of 109 units of subject credit. The subject requirements for this program are described below.

Subject Requirements

Through a proctored examination process, students receive advanced standing credit for the following MIT subjects which constitute the first semester of the program.

1 14.01 Principles of Microeconomics 12
2 14.310 Data Analysis for Social Scientists 12

Select two of the following: 24

1 14.73 The Challenge of World Poverty
2 14.740 Foundations of Development Policy
3 14.750 Political Economy and Economic Development

Students complete the following subjects in residence, constituting the second semester of the program. 1

1 14.320 Econometric Data Science 12
2 14.750 Political Economy and Economic Development 2

or 14.760 Firms, Markets, Trade and Growth

Select one of the following: 12

1 14.003 Microeconomic Theory and Public Policy
2 14.131 Psychology and Economics
3 14.150 Networks
4 14.200 Industrial Organization: Competitive Strategy and Public Policy
5 14.260 Organizational Economics

Select one of the following: 12

1 14.388 Inference on Causal and Structural Parameters Using ML and AI
2 14.420 Environmental Policy and Economics
3 14.444 Energy Economics and Policy

With approval of the program director, one subject within or outside the department

Seminar 14.399 Seminar in Data Economics and Development Policy 12

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 Those who took 14.750 for advanced standing credit must take 14.760 in residence.