MIT Subject Listing & Schedule
My Course Selections

6.041 Probabilistic Systems Analysis

(Subject meets with 6.431)
Prereq: Calculus II (GIR)
Units: 4-0-8
Credit cannot also be received for 18.05
URL: http://web.mit.edu/6.041/www/home.html

Lecture: *MW12* (34-101) **Recitation:** *TR10* (34-301) or *TR11* (34-301) or *TR12* (34-301) or *TR1* (34-301) or *TR2* (34-301) or *TR3* (34-301) or *TR10* (34-303) or *TR11* (34-303) or *TR2* (34-303, 24-307) ***+final***

An introduction to probability theory, and the modeling and analysis of probabilistic systems. Sample space, probabilistic models, conditional probability. Discrete and continuous random variables. Transform techniques. Bernoulli and Poisson processes. Markov processes. Limit theorems and elements of statistical inference. Meets with graduate subject 6.431, but assignments differ.
D. P. Bertsekas, J. N. Tsitsiklis

15.567 The Economics of Information: Strategy, Structure and Pricing

Prereq: Permission of instructor
Units: 3-0-6

You **must** pre-register and participate in Sloan's Course Bidding to take this subject.

Lecture: *TR1-2.30* (E62-276)

Analysis of the underlying economics of information with management implications. Studies effects of digitization and technology on industry, organizational structure, and business strategy. Examines pricing, bundling, and versioning of digital goods, including music, video, software, and communication services. Considers the managerial implications of social networks, search, targeted advertising, personalization, privacy, network externalities, open source, and alliances. Discusses key principles. Includes case studies, industry speakers, and team project.
E. Brynjolfsson

15.501 Corporate Financial Accounting

(Subject meets with 15.516)
Prereq: None
Units: 3-0-9
URL: http://mitsloan.mit.edu/students/academiclife/XReg/15.501.pdf

Lecture: *MW1-2.30* (1-190) or *MW2.30-4* (1-190) ***+final***

Preparation and analysis of financial statements. Focuses on why financial statements take the form they do, and how they can be used in evaluating corporate performance and solvency and in valuation of corporate securities. Introduces concepts from finance and economics (e.g., cash flow discounting and valuation) and explains their relation to, and use in, accounting. Students taking the graduate version complete additional assignments. Permission of Sloan Educational Services required for all cross-registrants.
R. Watts, S. Keating

14.01 Principles of Microeconomics

Prereq: None
Units: 3-0-9
Lecture: *MW10* (E25-111) or *NO LECTURE FOR RECS 07-10* **Recitation:** *F9* (2-142) or *F10* (2-142) or *F11* (2-142) or *F1* (2-142) or *F2* (2-142) or *F3* (2-142) or *MWF9* (5-233) or *MWF11* (5-233) or *MWF1* (5-233) or *MWF2* (13-5101) ***+final***

Introduces microeconomic concepts and analysis, supply and demand analysis, theories of the firm and individua behavior, competition and monopoly, and welfare economics. Applications to problems of current economic polic
Fall: *J. Gruber*
Spring: *J. Harris*

6.01 Introduction to EECS I

Prereq: None. *Coreq: Physics II (GIR)*
Units: 2-4-6
URL: http://mit.edu/6.01/index.html
Lecture: *T9.30-11* (32-123) **Lab:** *T11-12.30,R9.30-12.30* (34-501) or *T2-3.30,R2-5* (34-501) ***+final***

An integrated introduction to electrical engineering and computer science, taught using substantial laboratory experiments with mobile robots. Key issues in the design of engineered artifacts operating in the natural world: measuring and modeling system behaviors; assessing errors in sensors and effectors; specifying tasks; designing solutions based on analytical and computational models; planning, executing, and evaluating experimental tests of performance; refining models and designs. Issues addressed in the context of computer programs, control systems, probabilistic inference problems, circuits and transducers, which all play important roles in achieving robust operation of a large variety of engineered systems. 6 Engineering Design Points.
D. M. Freeman, L. P. Kaelbling, T. Lozano-Perez

15.279 Management Communication for Undergraduates

Prereq: None
Units: 3-0-9
Lecture: *TR11-12.30* (5-217, 4-163)

Required seminar for Management Science majors to develop the writing, speaking, teamwork, and interpersona communication skills necessary for managers. Students learn communication principles, strategies, and methods through discussions, exercises, examples, and cases. Assignments include writing memos and business letters, and giving oral presentations in labs outside of class. A major project is the production of a team report and presentation on a topic of interest to a managerial audience. Priority given to Course 15 students.
L. Breslow

Total units: 69

You may remove a subject from your selection by clicking on the button in the description.
Or, you may delete your entire selection by pushing the following button:

Examine your course selections. When ready, click the pre-registration button below to submit them to pre-registration. (Certificates are required.)

Pre-register these classes

A note on the schedule: Lecture options are shown, not labs or recitations.

A text chart may show up better for printing.

TIME	Mon	Tue	Wed	Thu	Fri	KEY
7 am						6.041

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(certificates require

For questions about the subject listings, write to catalog-help@mit.edu
Registrar's Office, Rooms 5-111 and 5-119, 77 Massachusetts Ave, Cambridge, MA 02139-4307