



The MIT Sloan MBA Finance Track

2011-12

(subject to change)

Electives A: General Electives (15-18 units):

Choose two courses from:

15.431	Entrepreneurial Finance (S, 6) (15.S05 for Spring'12 only)
15.433	Investments (F/S, 9)
15.434	Advanced Corporate Finance (F/S, 9)
15.437	Options and Futures (F/S, 9)
15.438	Fixed Income (S, 9)
15.450	Analytics of Finance (F, 9)
15.522	Security Design ⁺⁺
15.545	Mergers and Acquisitions (S, 6)

Electives B (24 units):

Choose 24 additional* units from:

15.012	Applied Macro & International Economics (S, 6)
15.013	Industrial Economics for Strategic Decisions (F, 12)
15.025	Game Theory for Strategic Advantage (S, 9)
15.062	Data Mining (F, 6)
15.070J	Advanced Stochastic Processes (S, 12)
15.071	The Analytical Edge (S, 9)
15.077J	Statistical Learning and Data Mining (S, 12)
15.081J	Intro to Mathematical Programming (F, 12)
15.084J	Nonlinear Programming (S, 12)
15.093J	Optimization Models (F, 12)
15.363	Strategic Decision Making in Biomedical Business (S, 9)
15.416	Ph.D. Intro to Financial Economics ^{**} (F, 12)
15.419	POF: Alternative Investments-Private Equity (S, 3)
15.423	POF: Advanced Corporate Risk Management (S, 6)
15.424	POF: Endowment Management (F, 6) ⁺⁺
15.426J	Real Estate Finance (F, 12)
15.427J	Real Estate Capitals Markets (S, 6)
15.431	Entrepreneurial Finance (S, 9) (15.S05 for Spring'12 only)
15.433	Investments (F/S, 9)
15.434	Advanced Corporate Finance (F/S, 9)
15.436	International Finance ⁺⁺

15.437	Options and Futures (F/S, 9)
15.438	Fixed Income (S, 9)
15.440	Ph.D. Advanced Financial Economics I ^{**} (S, 12)
15.441	Ph.D. Advanced Financial Economics II ^{**} (S, 12)
15.442	Ph.D. Advanced Financial Economics III ^{**} (F/S, 12)
15.450	Analytics of Finance (F, 9)
15.460	Analytics of Finance II (S, 9) <i>formerly 15.968</i>
15.518	Taxes and Business Strategy (S, 9)
15.521	Management Accounting and Control (S, 9)
15.522	Security Design ⁺⁺
15.535	Business Analysis Using Financial Statements (F, 9)
15.545	Mergers and Acquisitions (S, 6)
15.564	IT Essentials II ⁺⁺
15.578	Global Information Systems (S, 9) ⁺⁺
15.617	Basic Business Law, Tilted Towards Finance (S, 9)
15.647	Subprime, Credit Crunch, and Economic Crisis - A Legal Roadmap (S, 6) ⁺⁺
15.970	SSIM: Financial Crises & Systemic Risk (F, 6) ⁺⁺
15.S02	SSIM: Valuation (S, 9) <i>formerly 15.963</i>
15.S04	POF: Foundations of Institutional Portfolio Mgmt. (F, 9) <i>formerly 15.993</i>
15.S05	SSIM: Applied Fixed Income and Speculative Strategies (F, 9)
15.S10	POF: Multinational Business Finance (F/S, 6) <i>formerly 15.420</i>
15.S12	SSIM: Data Technologies for Quantitative Finance (F, 3)
15.S12	SSIM: Functional and Strategic Finance (S, 9) <i>formerly 15.991</i>
15.S14	SSIM: Retirement Finance, Lifecycle Investing (S, 9) <i>formerly 15.993</i>
15.S20	POF: Investment Management (F/S, 6) <i>formerly 15.977</i>
15.S25	POF: Foreign Exchange Markets from a Quant Perspective (F, 6)
6.231	Dynamic Programming and Stochastic Control ⁺ (F, 12)
6.338J	Parallel Computing ⁺ (S, 12)
6.821	Programming Languages ⁺ (F, 12) ⁺⁺
6.823	Computer System Architecture ⁺ (F, 12)
6.824	Distributed Computer Systems Engineering ⁺ (S, 12)
14.281	Contract Economics ⁺ (F,12)
14.382	Econometrics ⁺ (S, 12)
14.384	Time Series Analysis ⁺ (F, 12)
14.387	Applied Econometrics ⁺ (S, 6) ⁺⁺

* No double counting (Electives A courses may not be applied to the requirements for Electives B)

** Students must obtain instructor permission to enroll in Ph.D. level courses. To be considered, email knixon@mit.edu

⁺ Sloan students may only take up to three non-Sloan courses for credit towards their degree.

⁺⁺ Course not offered in academic year 2011-12

Course Substitutions

Students may submit a Course Substitution form, available on MySloan, for a course that they feel can substitute for one of the Finance Track requirements. Ideally, course substitution requests will be made **prior** to taking a course, however, we will consider requests submitted while taking a course as well. Course substitution requests will not be accepted after the completion of a course. Course Substitution requests will be reviewed by the Finance Track Head, John Minahan, and Finance Track Coordinator, Kelly Nixon, for approval. Examples of this include, but are not limited to:

1. MIT course (Sloan or non-Sloan) not on the Finance Track curriculum that the student feels pertains to his/her career and academic interests in finance.
2. Harvard course that the student has cross-registered for that is a direct substitute of an MIT course already on the Finance Track curriculum or one that the student feels pertains to his/her career and academic interests in finance.
3. Course taken during a study abroad term that is a direct substitute of an MIT course already on the Finance Track curriculum or one that the student feels pertains to his/her career and academic interests in finance.
4. Course or action learning experience taken in place of one of the three pre-approved seminars to complete the action learning requirement (15.451 Proseminar in Financial Engineering, 15.452 Proseminar in Financial Management, 15.992 POF: Foundations of Institutional Portfolio Management). Only courses with significant financial content will be approved.
5. Company visit or other onsite experience taken in place of one of the four pre-approved treks to complete the onsite day requirement (NY Finance Day, Boston Investment Management Day, Hong Kong Finance Trek, London Banking Days) that the student feels pertains to his/her career and academic interests in finance.

Petition for Finance Track Certificate

Students may submit a Petition for Finance Track Certificate, available on MySloan, in their final semester in the case that the student is missing one of more of the Finance Track requirements but has a valid explanation and/or justification for not completing these requirements. Petitions will be reviewed by the Finance Track Head, John Minahan, and Finance Track Coordinator, Kelly Nixon, for approval. Please note that we strongly encourage students to plan their course schedule ahead of time to ensure that all requirements are completed by their final semester and petitions will not be approved for requirements missing due to poor planning.