The MIT Sloan MBA Finance Track

2015-16

(subject to change)

Required Courses (27-33 units):

- 15.401 Managerial Finance (Fall, 1st year) (F/S, 9) (formerly Finance Theory I)
- 15.402 Corporate Finance (F/S, 9) (formerly Finance Theory II)
- 15.403 Introduction to the Practice of Finance Seminar (F, 3)
- Action Learning Requirement: Finance Track students are required to participate in at least one course or action learning experience that has: (1) significant financial content; and (2) a strong project (group or individual) component in order to obtain hands on experience working through real problems. The following four courses have been pre-approved to satisfy this requirement. If none of the following courses pertain to your academic or career interests, we will accept proposals for substitutions (i.e. G-Lab, China Lab, etc. projects that meet the above criteria).
  - 15.439 Investment Management (S, 9)
  - 15.451 Proseminar in Capital Markets/Investment Management (F, 6)
  - 15.452 Proseminar in Corporate Finance/Investment Banking (F, 6)
  - 15.S26 Finance Research Practicum (IAP/S-H1, 12)

Electives A: General Electives:

Choose two courses from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>15.431</td>
<td>Entrepreneurial Finance and Venture Capital (S, 9)</td>
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<tr>
<td>15.433</td>
<td>Financial Markets (F, 9) (formerly Investments)</td>
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<tr>
<td>15.434</td>
<td>Advanced Corporate Finance (F/S, 9)</td>
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<tr>
<td>15.437</td>
<td>Options and Futures (F, 9)</td>
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<tr>
<td>15.438</td>
<td>Fixed Income Securities and Derivatives (S, 9)</td>
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<tr>
<td>15.445</td>
<td>Mergers and Acquisitions (S, 6)</td>
</tr>
<tr>
<td>15.447</td>
<td>International Capital Markets (S, 9)</td>
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<tr>
<td>15.450</td>
<td>Analytics of Finance (S, 12)</td>
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<tr>
<td>15.466</td>
<td>Functional and Strategic Finance (S, 9)</td>
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<tr>
<td>15.467</td>
<td>Asset Management, Lifecycle Investing, and Retirement Finance (S, 9)</td>
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<tr>
<td>15.481</td>
<td>Financial Market Dynamics &amp; Human Behavior (S, 9)</td>
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<td>15.Sxx</td>
<td>Household Finance (S, 6)</td>
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Electives B (24 units):

Choose 24 additional* units from:

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>15.012</td>
<td>Applied Macro &amp; International Economics (S, 9)</td>
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<tr>
<td>15.013</td>
<td>Industrial Economics for Strategic Decisions (F, 12)</td>
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</tbody>
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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, 12)
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)
15.426J  Real Estate Finance and Investment (F, 12)
15.427J  Real Estate Capitals Markets (S, 6)
15.429J  Securitization of Mortgages and Other Assets (S, 9)
15.431  Entrepreneurial Finance and Venture Capital (S, 9)
15.433  Financial Markets (F, 9) (formerly Investments)
15.434  Advanced Corporate Finance (F/S, 9)
15.437  Options and Futures (F, 9)
15.438  Fixed Income Securities and Derivatives (S, 9)
15.439  Investment Management (S, 9)
15.440  Ph.D. Advanced Financial Economics I ** (F, 12)
15.441  Ph.D. Advanced Financial Economics II ** (S, 12)
15.442  Ph.D. Advanced Financial Economics III ** (S, 12)
15.444  International Corporate Finance (S, 9) **
15.445  Mergers and Acquisitions (S, 6)
15.447  International Capital Markets (S, 9)
15.450  Analytics of Finance (S, 12)
15.460  Applied Quantitative Finance (S, 9)
15.466  Functional and Strategic Finance (S, 9)
15.467  Asset Management, Lifecycle Investing, and Retirement Finance (S, 9)
15.481  Financial Market Dynamics & Human Behavior (S, 9)
15.490  POF: Alternative Investments-Private Equity & Hedge Funds (S, 3)
15.491  POF: Advanced Corporate Risk Management (S, 9)
15.493  POF: Perspectives on Investment Management (F/S, 6)
15.496  POF: Data Technologies for Quantitative Finance (F, 9)
15.518  Taxes and Business Strategy (S, 9)
15.521  Management Accounting and Control (S, 9)
15.535  Business Analysis Using Financial Statements (F/S, 9)
15.564  IT Essentials II (S, 9) **
15.578  Global Information Systems (S, 9) **
15.617  Deals, Finance, and the Law (S, 9)
15.509  POF: Corporate Boards: Their Responsibilities and Functions (S,6)
15.509  FinTech Ventures (F, 6)
15.S12  POF: Applied Credit Risk Modeling (F, 6)
15.S14  POF: Managing Risk in the Banking System (F, 6)
15.S18  POF: Strategic Management of Financial Institutions (F, 9)
15.Sxx  Household Finance (S, 6)
6.231  Dynamic Programming and Stochastic Control†(F, 12)
6.338J Parallel Computing* (F, 12)
6.823  Computer System Architecture* (S, 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 2015-16

**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 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 four pre-approved seminars to complete the action learning requirement. Only courses with significant financial content will be approved.

**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 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.