FALL

**A-LAB**
15.573 Analytics Lab
E. Brynjolfsson

Student teams develop a project using analytics, machine learning, and other methods of analysis to develop results that diagnose, enable, or uncover solutions to real business issues and opportunities.

**E-LAB**
15.399 Entrepreneurship Lab
L. Loch

Project-based course in which teams of students from MIT and Harvard work with startups on problems of strategic importance to the venture. Popular sectors include AI, blockchain, software, hardware, robotics, cleantech, and life sciences. In addition to the regular MIT registration process, students should register at the course website (elab.mit.edu) one month before class to facilitate team formation and matching with startup companies.

**EM-LAB**
15.830 Enterprise Management Lab
S. Chatterjee

Lays the foundation for the Enterprise Management (EM-Lab) Track by developing students’ ability to apply integrated management perspectives and practices in their roles in large organizations. Student teams work on live integrative projects focused on marketing, operations, and/or strategy in large organizations, both for-profit and non-profit.

**FINANCE**
15.451 Proseminar in Capital Markets/ Investment Management
M. Kritzman

Provides a unique opportunity to tackle original research problems in capital market analysis and investment management that have been posed by leading experts from the financial community.

15.452 Proseminar in Corporate Finance/ Investment Banking
J. Parsons

Bridges the gap between finance theory and finance practice, and introduces students to the broader financial community.

**G-LAB**
15.389 Global Entrepreneurship Lab
S. Johnson, M. Jaffer

Practical study of the climate for innovation and determinants of entrepreneurial success. Teams of students work with companies’ top management to gain experience in running and building a new enterprise. Focuses primarily on startups operating in emerging markets.

**H-LAB**
15.777 Healthcare Lab: Introduction to Healthcare Delivery in the United States
J. Johnson, A. Goudreau

Focuses on the business challenges and opportunities to deliver high quality and reasonably priced health services. Topics include healthcare delivery operations—and how they are affected by healthcare reform, alternative payment models, population health perspectives, and social determinants of health. Discussions include practical examples from the ongoing healthcare-related work of Sloan faculty.

The course provides a broad perspective on various career paths, such as consulting, entrepreneurship, delivery system management, and digital innovation development. Student teams work directly with a US-based provider, supplier or healthcare-related startup organization on an applied project, which includes on-site work during the semester and/or IAP.

**ISRAEL LAB**
15.248 Israel Lab : Startup Nation’s Entrepreneurship and Innovation Ecosystem
J. Cohen

This project-based course provides students with a deep dive into Startup Nation, applying theory to practice within Israel’s innovation and entrepreneurship ecosystem. Lectures address geopolitics, history, military strategy, macroeconomics, finance, entrepreneurship and innovation, leadership, and team dynamics. Student teams partner with senior management at Israeli startups, working onsite in Israel for three weeks during IAP.

**SPRING**

**CHINA LAB**
15.325 Modern Business in China
V. Karplus, J. Grant

Provides an integrated approach to analyze the economy of China. The classroom portion covers modern history, economics, and politics in China that shape the business environment, cases of companies entering or operating in the Chinese market, as well as project-related issues and personal and learning reflections. Includes a two-day mini-retreat that introduces students to business opportunities and challenges in China. Projects are focused in dynamic sectors such as artificial intelligence, the sharing economy, social media, health care, energy, and manufacturing.

**E-LAB**
15.399 Entrepreneurship Lab
P. Cotter

Project-based course in which teams of students from MIT and Harvard work with startups on problems of strategic importance to the venture. Popular sectors include AI, blockchain, software, hardware, robotics, cleantech, and life sciences. In addition to the regular MIT registration process, students should register at the course website (elab.mit.edu) one month before class to facilitate team formation and matching with startup companies.

**EMBA GLOBAL LABS**
15.708 GO-Lab
H. Samel, S. Kressel

Focuses on strategic and organizational challenges of international scaling, localization, and cross-border initiatives and integration.

15.317 IDEA Lab
F. Murphy, P. Budden

Explores themes of global innovation ecosystems, stakeholders and experimentation/evaluation.

15.510 China Lab
Y. Huang, J. Grant

Provides insights into the issues and challenges of the Chinese economy and business through lectures and project-based learning.

**FINANCE**
15.453 Finance Research Practicum
G. Rao

Students partner with leading industry practitioners on important business problems, bridging the gap between theory and practice and introducing them to the broader financial community.

**H-LAB**
15.452 Proseminar in Corporate Finance/ Investment Banking
J. Parsons

Bridges the gap between finance theory and finance practice, and introduces students to the broader financial community.

**INDIA LAB**
15.226 Modern Business in India
Y. Huang, V. Karplus

Provides an integrated approach to analyze the economy of India. The classroom portion covers modern history, economics, and politics in India that shape the business environment, cases of companies entering or operating in the Indian market, as well as project-related issues and personal and learning reflections. Includes a two-day mini-retreat that introduces students to business opportunities and challenges in India. Projects are focused in dynamic sectors such as artificial intelligence, the sharing economy, social media, health care, energy, and manufacturing.

**OPS-LAB**
15.784 Operations Lab
T. Roemer, C. Iacobo

Provides interactive learning in solving operations challenges in small, medium, and large companies across the US and the world. Focus is typically on but not limited to problems in operations strategy, inventory and supply chain management, process improvement, operations analytics, and planning. Lectures focus on project management, methods, team reports and discussion. Students involved in sourcing specific projects may receive preferential assignment to them.

**PM-LAB**
15.785 Digital Product Management Lab
Y. Fantas

Introduction to product management with an emphasis on its role within technology-driven enterprises. Topics include opportunity discovery, product/technology roadmapping, product development processes, go-to-market strategies, product launch, lifecycle management, and the central role of the product manager in each activity. Exercises and assignments utilize common digital tools, such as storyboarding, wireframe mock-ups, and A/B testing. Intended for students seeking a role in a product management team or to contribute to product management in a new enterprise.

**S-LAB**
15.915 Laboratory for Sustainable Business
J. Jay, B. Patton, J. de Zaggler, J. Sternen

Students apply concepts, theories, and tools of sustainability working with host organizations on management projects during the semester. Classroom lectures and simulations give greater depth in techniques for managing sustainability. Topics include the business case for sustainability, evaluating the environmental impact of products and services, assessing certification programs, and building collective action for change to advance sustainability.

**USA LAB**
15.479 Bridging the American Divides
B. Dyer, L. Hatley, T. Kochan

Hands-on exploration of community revitalization in America’s small towns and rural regions. With a focus on work, community and culture, this Action Learning Lab is a mix of rigorous classroom discussions, research and team projects with community development organizations. Site visit for project field work required.
<table>
<thead>
<tr>
<th>ACTION LEARNING LAB</th>
<th>TERM</th>
<th>UNITS</th>
<th>ELIGIBLE STUDENTS</th>
<th>PREREQUISITES</th>
<th>BID/APPLIC. TRAVEL</th>
<th>INDUSTRIES/COMPANIES/PROJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-LAB 15.792 Analytics Lab</td>
<td>Fall</td>
<td>9</td>
<td>All MIT students, with permission of instructor</td>
<td>Application</td>
<td>Company profile: organizations of any industry or size interested in using analytics to solve a business problem or advance an innovation</td>
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<tr>
<td>CHINA LAB 15.225 Modern Business in China</td>
<td>Spring</td>
<td>12</td>
<td>First or second year Sloan MBAs, MFin, MSMS; other grad students considered on a case by case basis</td>
<td>Bid</td>
<td>SIP + Spring break</td>
<td></td>
</tr>
<tr>
<td>E-LAB 15.399 Entrepreneurship Lab</td>
<td>Fall + Spring</td>
<td>12</td>
<td>All Sloan grad students, other MIT grad students</td>
<td>Bid</td>
<td>Company profile: tech-intensive, IP and science-based, early-stage startups</td>
<td></td>
</tr>
<tr>
<td>EM-LAB 15.830 Enterprise Management Lab</td>
<td>Fall</td>
<td>6</td>
<td>Sloan MBA students enrolled in the Enterprise Management Track</td>
<td>Corequisites 15.810, 15.761 or 15.900</td>
<td>Bid</td>
<td>Company profile: early-stage and growing Israeli startups</td>
</tr>
<tr>
<td>EMBA GLOBAL LABS 15.310 China Lab</td>
<td>Spring</td>
<td>15</td>
<td>MIT Executive MBAs only</td>
<td>Bid</td>
<td>1 wk in March</td>
<td></td>
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<tr>
<td>FINANCE 15.451 Finance Research Practicum</td>
<td>IAP + Spring H3</td>
<td>9</td>
<td>FRP Preference given to Sloan MFin and MBA students</td>
<td>Application</td>
<td>Company profile: leading finance industry practitioners</td>
<td></td>
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<tr>
<td>G-LAB 15.389 Global Entrepreneurship Lab</td>
<td>Fall + IAP</td>
<td>12</td>
<td>Second year Sloan MBAs, other grad students with permission of instructor</td>
<td>Bid</td>
<td>3 wks in January</td>
<td></td>
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<tr>
<td>H-LAB 15.777 Healthcare Lab</td>
<td>Fall + IAP</td>
<td>15</td>
<td>All MIT students, with completed prerequisites or permission of instructor</td>
<td>Bid</td>
<td>January travel if host is non-local</td>
<td></td>
</tr>
<tr>
<td>INDIA LAB 15.226 Modern Business in India</td>
<td>Spring</td>
<td>12</td>
<td>First or second year Sloan MBAs, MFin, MSMS; other grad students considered on a case by case basis</td>
<td>Bid</td>
<td>SIP + Spring break</td>
<td></td>
</tr>
<tr>
<td>ISRAEL LAB 15.268 Fall H2 + IAP</td>
<td>9</td>
<td>All Sloan grad students, other MIT grad students, undergraduate students with permission of instructor</td>
<td>Bid</td>
<td>3 wks in January</td>
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<tr>
<td>OPS-LAB 15.784 Operations Lab</td>
<td>Spring</td>
<td>9</td>
<td>Sloan MBA, UGo and other Sloan and MIT grad students</td>
<td>Corequisite 15.761</td>
<td>Application</td>
<td>Weekly in Boston area; SIP week for non-local</td>
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<tr>
<td>PM-LAB 15.785 Digital Product Management Lab</td>
<td>IAP + Spring</td>
<td>6</td>
<td></td>
<td>Bid</td>
<td>Company profile: business projects, Sample projects:</td>
<td></td>
</tr>
<tr>
<td>S-LAB 15.915 Laboratory for Sustainable Business</td>
<td>Spring</td>
<td>12</td>
<td>All Sloan grad students, other MIT grad students</td>
<td>Bid</td>
<td>Company profile: premier companies and NGOs tackling systemic challenges in sustainability, and aligning with business strategy</td>
<td></td>
</tr>
<tr>
<td>USA LAB 15.679 Bridging the American Divide</td>
<td>Spring</td>
<td>9</td>
<td>All Sloan and MIT grad students</td>
<td>Bid</td>
<td>2 wks in March</td>
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</tbody>
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**LEARNING + LEADING BEYOND THE CLASSROOM**

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**MIT Sloan ACTION LEARNING / AY2019-2020 / Labs at a Glance**

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