**FALL**

**A-LAB**

15.572 Analytics Lab
- A. Almeida, S. Aral
  - Students 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
- P. Kotter, D. Leon, D. Patel
  - 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, hardwared, robotics, cleantech, and life sciences.

**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. Students work on live integrative projects focused on marketing, operations, and/or strategy in multinational and emergent innovators in industries such as consumer goods, technology, and healthcare.

**FIN-LAB**

15.451 Proseminar in Capital Markets/Investment Management
- M. Kritzman
  - Provides opportunities for students to work in teams to tackle original 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
- E. Matveyev
  - Provides opportunities for students to work in teams to tackle original problems in corporate finance and investment banking that have been posed by leading experts from the financial community.

**G-LAB**

15.389 Global Entrepreneurship Lab is BACK TO GROWTH LAB (B2G-Lab) FALL 2020
- S. Johnson, M. Jester
  - The COVID-19 pandemic presents unique challenges to entrepreneurs around the globe. In light of our present global circumstances, G-Lab will run as a special edition of B2G-Lab. As in previous years, B2G-Lab is structured on an interdisciplinary project-based learning course where student teams will gain insights into how, given the current crisis, entrepreneurs in emerging and frontier markets manage their businesses and plan their future growth. Teams will collaborate with external host companies to help them exploit their core capabilities to identify primary drivers of growth, while also helping them manage the constraints limiting their growth. Learn more on our website.

**H-LAB**

15.777 Healthcare Lab: Introduction to Healthcare Delivery in the United States
- J. Jónasson, A. Quaadgras
  - 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 political 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 remote work during the semester and one week total working remotely with hosts during IAP.

**ISRAEL LAB**

15.246 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. Students team up with senior management at Israel startups, working remotely with them for two weeks during IAP.

**SPRING**

**CHINA LAB**

15.225 Modern Business in China
- 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-trek 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.

**EMBA GLOBAL LABS**

15.708 GO-Lab
- H. Sater, S. Kessel
  - Focuses on strategic and organizational challenges of international scaling, localization, and cross-border initiatives and integration.

15.704 IDEALab
- J. Murray, P. Balaban
  - Explores themes of global innovation ecosystems, stakeholders, and experimentation/evaluation.

**Israel Lab**
- J. Cohen
  - Coming soon, Spring 2021.

**FIN-LAB**

15.453 Finance Lab
- 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. Practitioners represent a range of financial institutions, including investment management, hedge funds, private equity, venture capital, impact investing, risk, and consulting. Project work takes place during all of IAP.

**INDIA LAB**

15.226 Modern Business in India
- Y. Huang
  - 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-trek 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. Roosen, C. Iacovou
  - 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 report-out, and discussion. Students involved in sourcing specific projects may receive preferential assignment to them.

**PM-LAB**

15.785 Digital Product Management Lab
- V. Fanas
  - Introduction to product management with an emphasis on its role within technology-driven enterprises. Topics include opportunity discovery, product-definition 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. Patten, J. de Zegher, J. Sherman
  - Students apply frameworks, theories, and tools of sustainability 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**

15.679 Bridging the American Divides
- B. Dyer, L. Hatley, C. McDowell
  - Hands-on exploration of community revitalization in America’s rural regions, small towns, and small to mid-sized cities. 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.
| A-LAB | MIT Sloan Analytics Lab | Fall | 9 | All MIT students, with permission of instructor | Application | Company profile: organizations of any industry or size interested in using analytics to solve a business problem or advance an innovation Sample sectors: biotech, consumer goods, retail, healthcare, finance, insurance, technology, logistics, real estate, non-profit Sample projects: Amazon, Boston Public Schools, Dell Services, eBay, Gates Foundation, GE Transportation, IBM Watson, LinkedIn, MasterCard, Maxon | |
| CHINA LAB | Modern Business in China | Spring | 12 | First or second year Sloan MBAs, MFin, MSAM, other grad students considered on a case by case basis | Bid | SIP + Spring break | Company profile: entrepreneurial SMEs, Chinese and global multinationals, social businesses Sample sectors: artificial intelligence, the sharing economy, social media, health care, energy, and manufacturing Sample projects: creating a business plan for fundraising, developing a new market strategy, assembling financial models | |
| E-LAB | Entrepreneurship Lab | Fall + Spring | 12 | All Sloan, MIT, Harvard, and Wellesley grad students | Bid | | Company profile: tech-intensive, IP and science-based, early-stage startups Sample sectors: AI, blockchain, software, hardware, robotics, cleantech, life sciences | |
| EM-B LAB | Enterprise Management Lab | Fall | 6 | First-year Sloan MBA students enrolled in the Enterprise Management Track | Corequisite: 15.810, 15.760 or 15.900 | Bid | Company profile: leading multinationals and innovations in emerging space in both the for-profit and non-profit sectors Sample sectors: automobiles, consumer goods/retail, healthcare, retail, technology, telecom, sporting goods, design, finance Sample projects: BMW, Wayfair, GE Healthcare, SAP, Rave Mobile, Lildee, IDEO, NASDAQ, Citrix | |
| EMBA GLOBAL LABS | Israel Lab | Spring | TBD | MIT Executive MBAs only | Bid | 1 wk in March | Israel Lab: Coming soon, Spring 2021 GO-Lab: Projects investigate international business challenges with multinational organizations. Sample projects: AB InBev, Corteva, FinTech, Pepsi Systems IDEA Lab: Projects explore themes of global innovation ecosystems, stakeholders, and experimentation. Sample projects: Philips Healthcare, Oracle | |
| FINANCE | Investment Capital Markets/Portfolio Management | Fall | 6 | Prospective Sloan, All Sloan grad students, other MIT grad students. MIT only | Prerequisites: 15.401-15.402 or equivalent 15.452-15.454 or equivalent 15.453-15.401 or equivalent | Building, Building Application | Company profile: leading finance industry practitioners in investment management, hedge funds, private equity, venture capital, impact investing, risk, consulting Capital Markets sample projects: deal risk hedging, fixed income arbitrage, portfolio construction and risk management; hedging inflation risk Corporate Finance sample projects: value a wind farm acquisition; structure a deal for a new tranche of equity in private venture; develop a financing strategy for the city investments in neighborhood development Fin-lab sample projects: VC; deal structuring; equity trading strategies; emerging markets debt research; macro risk regime analysis; impact investing in private and public markets | |
| EMBA GLOBAL LABS | Global Entrepreneurs Lab | Fall | 6 | All Sloan, MIT, Harvard, and Wellesley grad students | MIT only | | Sample sectors: artificial intelligence, the sharing economy, social media, health care, energy, and manufacturing Sample projects: creating a business plan for fundraising, developing a new market strategy, assembling financial models | |
| H-LAB | Health Care Lab | Fall + IAP | 15 | All Sloan, MIT, Harvard, and Wellesley grad students with completed prerequisites or permission of instructor | Bid | | Company profile: organizations dealing with the business challenges of healthcare delivery and healthcare systems changes Sample projects: hospitals, clinics, startup, other healthcare organizations Sample projects: operations, management, IT, marketing, organizational dynamics Sample projects: healthcare delivery, healthcare systems changes Sample projects: hospitals, clinics, startup, other healthcare organizations Sample projects: operations, management, IT, marketing, organizational dynamics | |
| INDIA LAB | Modern Business in India | Spring | 12 | First or second year Sloan MBAs, MFin, MSAM, other grad students considered on a case by case basis | Bid | SIP + Spring break | Company profile: entrepreneurial SMEs, Indian and global multinationals, social businesses Sample sectors: AI, analytics, agile, cleantech, cybersecurity, ed-tech, fintech, healthcare, IoT, life sciences, robotics Sample projects: computer vision tech in agriculture, medical devices, emergency response technology; AI for smart cities, oil-flow data marketing, social analytics | |
| ISRAEL LAB | Modern Business in Israel | Fall H2 + IAP | 9 | All Sloan grad students, other MIT grad students, undergraduate students with permission of instructor | Prerequisites: 15.600, 15.761 or permission of instructor | Bid | Company profile: early-stage and growing Israel startups Sample sectors: AI, analytics, agile, cleantech, cybersecurity, ed-tech, fintech, healthcare, IoT, life sciences, robotics Sample projects: computer vision tech in agriculture, medical devices, emergency response technology; AI for smart cities, oil-flow data marketing, social analytics | |
| OPS-LAB | Operations Lab | Spring | 9 | Sloan MBA, GOs and other Sloan and MIT grad students | Corequisite: 15.761 | Application | Weekly in Boston area; SIP week for non-local | Company profile: operations problems in a wide variety of companies ranging from small companies in the Boston area to multinationals overseas Sample projects: operations companies such as manufacturers, retailers, and health care Sample projects: supply chain network design, long-range sourcing strategy, inventory policy, cycle time analysis and improvement, product design and deployment | |
| PM-LAB | Digital Product Management Lab | IAP + Spring | 6 | | | Bid | Company profile: Sample projects: Sample projects: Sample projects: | |
| S-LAB | Laboratory for Sustainable Business | Spring | 12 | All Sloan grad students, other MIT grad students | Bid | | Company profile: premer companies and NGOs tackling systemic challenges in sustainability, and aligning with business strategy Sample projects: retail, environmental, social, corporate Sample projects: sustainability ESGs (environmental, social, governance) Sample projects: market analysis for sustainability-oriented product, evaluate operational options for recycling, design for recycling certification, frameworks | |
| USA LAB | Bridging the American Divide | Spring | 9 | All Sloan and MIT grad students | Bid | 2 wks in March | Company profile: community-based foundations or other organizations located in regions across the U.S. Sample sectors: economically isolated small towns and rural regions in the U.S. Sample projects: research the effects of COVID-19 on a region's immigrant population; identify methods to establish a region-specific index fund |