MBAn students are required to maintain a minimum cumulative GPA of 4.5.

### REQUIRED SUBJECTS

**Fall 2018**
- 15.093J Optimization Methods (12)
- 15.095 Machine Learning Under a Modern… (12)
- 15.572 Analytics Lab: Action Learning Seminar… (9)
- 15.681 Fall Elective(s), see list below (0-12)

**IAP 2019**
- 15.003 Analytics Tools (3)
- 15.089 Analytics Capstone (3)
- 15.572 Communicating with Data (3)

**Spring 2019**
- 15.071 The Analytics Edge (12)
- 15.089 Analytics Capstone (9)
- ______ Spring Electives, see list below (18-36)

**Summer 2019**
- 15.089 Analytics Capstone (12)

### Fall Electives
Students have the option of taking up to 12 elective units.
- 15.369 Seminar in Corporate Entrepreneurship (9)
- 15.390 New Enterprises (12)
- 15.399 Entrepreneurship Lab (12)
- 15.433 Financial Markets (9)
- 15.458 Financial Data Science and Computing I (6)
- 15.459 Financial Data Science and Computing II (6)
- 15.579 Sem. in IT: Applied Network Theory… (12)
- 15.761 Intro. to Operations Management (9)
- 15.774 The Analytics of Operations Mgmt (12)
- 15.814 Marketing Innovation (9)
- 15.871 Introduction to System Dynamics (6)
- 15.872 System Dynamics II (6)
- 6.438 Algorithms for Inference (12)
- 6.860J, 9.520J Statistical Learning Theory… (12)
- 11.205 Introduction to Spatial Analysis (6)
- 11.520 Workshop on Geographic Information… (6)
- 14.385 Nonlinear Econometric Analysis (12)
- 16.910J, 2.096J, 6.336J Intro. to Numerical… (12)
- 18.6501 Fundamentals of Statistics (12)
- HST.953 Collaborative Data Science in Medicine (12)

### Spring Electives
Students must take a minimum of 18 and a maximum of 36 elective units.
- 15.077J, IDS.147J Statistical Learning and… (12)
- 15.094J, 1.142J Robust Modeling, Optimization… (12)
- 15.084J, 6.252J Nonlinear Optimization (12)
- 15.141J, HST.918J Economics of Health Care… (6)
- 15.363J, HST.971J Strategic Decision Making… (9)
- 15.376J, MAS.664J Media Ventures (9)
- 15.390 New Enterprises (12)
- 15.399 Entrepreneurship Lab (12)
- 15.438 Fixed Income Securities and Derivatives (9)
- 15.439 Investment Management (9)
- 15.450 Analytics of Finance (12) or 15.457 Adv. Analytics of Finance (12)
- 15.665 Power and Negotiation (9)
- 15.669 Strategies for People Analytics (6)
- 15.761 Introduction to Operations Management (9)
- 15.762J, 1.273J, IDS.735J Supply Chain Plan… (6)
- 15.763J, 1.274J, IDS.736J Manufacturing Sys… (6)
- 15.765J, 1.265J, 2.965J, SCM.265J Global… (6)
- 15.775 Analytics Proseminar (3)
- 15.785 Digital Product Management (6)
- 15.814 Marketing Innovation (9)
- 15.821 Listening to the Customer (6)
- 15.828 Product Management (9)
- 15.841 SSIM: Marketing Analytics (9)
- 15.871 Introduction to System Dynamics (6)
- 15.872 System Dynamics II (6)
- 15.910 Innovation Strategy (6)
- 15.911 Entrepreneurial Strategy (6)
- 15.914 SSIM: Crypto Finance (6)
- 15.916 SSIM: Innovation Analytics (6)
- 15.914 SSIM: Global Business of Artificial… (6)
### Spring Electives continued…

- **1.202** Demand Modeling (12)
- **1.263J, 11.263J, SCM.293J** Urban Last-Mile… (6)
- **6.009** Fundamentals of Programming (12)
- **6.268** Network Science and Models (12)
- **6.437** Inference and Information (12)
- **6.443J, 8.371J, 18.436J** Quantum Information… (12)
- **6.555J, 16.456J, HST.582J** Biomedical Signal… (12)
- **6.853** Topics in Algorithmic Game Theory (12)
- **6.862** Applied Machine Learning (12)
- **6.863J, 9.611J** Natural Language and the… (12)
- **6.874J, HST.506J** Computational Systems Bio (12)
- **6.882** Adv. Topics in Artificial Intelligence (12)
- **6.883** Adv. Topics in Artificial Intelligence (12)
- **6.894** Advanced Topics in Graphics… (12)
- **6.S897, HST.956** Machine Learning for Health… (12)
- **9.190** Computational Psycholinguistics (12)
- **11.205** Introduction to Spatial Analysis (6)
- **11.520** Workshop on Geographic Information… (6)
- **14.320** Econometric Data Science (12)
- **14.382** Econometrics (12)
- **18.0651** Matrix Methods in Data Analysis… (12)
- **18.615** Introduction to Stochastic Processes (12)
- **18.6501** Fundamentals of Statistics (12)
- **HST.962** Medical Product Development and… (4)
- **MAS.784** Data Storytelling Studio (12)
- **MAS.560** Special Subject in Media Technology (TBA)
- **MAS.562** Special Subject in Media Technology (TBA)
- **SCM.255** Machine Learning Applications for… (6)
- **SCM.268** Data Science for Supply Chain… (6)