15-2 Business Analytics Electives

Each student must take five subjects (major) / three subjects (minor) from the approved list of subjects. At least three (major) / two (minor) of the restricted electives must be Course 15 subjects. Two six-unit subjects equal one elective.

RESTRICTED ELECTIVES

Select three to five of the following for the major / two to three for the minor:

- 15.0251 Game Theory for Strategic Advantage
- 15.0341 Metrics of Managers: Big Data and Better Answers
- 15.0621 Data Mining: Finding the Data and Models that Create Value (half course)
- 15.0711 The Analytics Edge
- 15.0741 Predictive Data Analytics and Statistical Modeling
- 15.093J Optimization Methods
- 15.450 Analytics of Finance
- 15.456 Financial Engineering
- 15.565 Digital Evolution: Managing Web 3.0
- 15.570 Digital Marketing and Social Media Analytics (half course)
- 15.6731 Negotiation Analysis (half course)
- 15.7611 Introduction to Operations Management
- 15.772J D Lab: Supply Chains
- 15.767/15.777 Health Care Lab: Introduction to Healthcare Delivery in the United States
- 15.812 Marketing Management [as of Spring 2018, course changed to 15.8141]
- 15.8141 Marketing Innovation
- 15.871 System Dynamics I (half course)
- 15.872 System Dynamics II (half course)
- 15.874J People and the Planet: Environmental Governance and Science

For 15-2 majors only:
One of the five restricted electives can be one of the management breadth option subjects below:

- 15.501 Corporate Financial Accounting
- 15.401 Managerial Finance
- 15.417 Laboratory in Investments
- 15.9001 Competitive Strategy

Additional subjects that count for the minor (courses required for the major):

- 15.276 Communicating with Data
- 15.312 Organizational Processes
- 15.780 Stochastic Models

Select up to two of the following for the major / up to one for the minor:

- 1.022 Urban Networks
- 1.041J Transportation Systems Modeling
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>6.034</td>
<td>Artificial Intelligence</td>
</tr>
<tr>
<td>6.050J</td>
<td>Information Entropy and Computation</td>
</tr>
<tr>
<td>9.401</td>
<td>Introduction to Neural Computation</td>
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<tr>
<td>9.66J</td>
<td>Computational Cognitive Science</td>
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<td>14.12</td>
<td>Economic Applications of Game Theory</td>
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<tr>
<td>6.207J/14.15J</td>
<td>Networks</td>
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<tr>
<td>14.32</td>
<td>Econometrics [cannot double count if used to fulfill Statistics requirement]</td>
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<tr>
<td>18.06</td>
<td>Linear Algebra</td>
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<tr>
<td>18.615</td>
<td>Introduction to Stochastic Processes</td>
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<tr>
<td>IDS.012</td>
<td>Statistics, Computation and Applications</td>
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Additional subjects that count for the minor (courses required for the major):

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>6.036</td>
<td>Machine Learning</td>
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