DATA SCIENCE MAJOR (B.S.)

Program Requirements

Click here for a list of courses that fulfill General Education categories. (http://catalog.montclair.edu/undergraduate-graduate-degree-requirements/general-ed-ba-bs/)

Click here for a list of courses that fulfill World Languages and Cultures categories. (http://catalog.montclair.edu/undergraduate-graduate-degree-requirements/world-languages-cultures-requirement/)

Complete 3 CSIT courses at the 300 level or above.

C. Mathematics Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSIT 270</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 122</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 221</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 340</td>
<td>Probability</td>
<td>3</td>
</tr>
<tr>
<td>STAT 330</td>
<td>Fundamentals of Modern Statistics I</td>
<td>4</td>
</tr>
</tbody>
</table>

IV. Required Minor

Complete a required minor (see list below).

V. Free Electives

Complete additional coursework to reach 120 credits.

Required Minor

- Biology (http://catalog.montclair.edu/programs/biology-minor/)
- Business Analytics (http://catalog.montclair.edu/programs/business-analytics-minor/)
- Business (http://catalog.montclair.edu/programs/business-minor/)
- Chemistry (http://catalog.montclair.edu/programs/chemistry-minor/)
- Cognitive Science (http://catalog.montclair.edu/programs/cognitive-science-minor/)
- Earth and Environmental Science (http://catalog.montclair.edu/programs/earth-and-environmental-sci-minor/)
- Economics (http://catalog.montclair.edu/programs/economics-minor/)
- Geographic Information Science (http://catalog.montclair.edu/programs/geographic-information-science-minor/)
- Journalism (http://catalog.montclair.edu/programs/journalism-minor/)
- Linguistics (http://catalog.montclair.edu/programs/linguistics-minor/)
- Mathematics (http://catalog.montclair.edu/programs/mathematics-minor/)
- Physics (http://catalog.montclair.edu/programs/physics-minor/)
- Psychology (http://catalog.montclair.edu/programs/psychology-minor/)
- Public Health (http://catalog.montclair.edu/programs/public-health-minor/)