**Fundamental coursework for 5 majors**

<table>
<thead>
<tr>
<th>Major</th>
<th>Math</th>
<th>Statistics</th>
<th>Computation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statistics, Computer Science</td>
<td>Calc I, II, &amp; III, Linear Algebra</td>
<td>Calc and Linear Algebra Based</td>
<td>R and Python</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Calc I &amp; II or Linear Algebra</td>
<td>Python or Java</td>
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</tr>
<tr>
<td>Information Science</td>
<td>Calc I</td>
<td>College algebra based</td>
<td>R and Python</td>
</tr>
<tr>
<td>Systems &amp; Industrial Engineering</td>
<td>Calc I, II, &amp; III, Differential Equations</td>
<td>Calc based</td>
<td>C or Python</td>
</tr>
<tr>
<td>Management Information</td>
<td>College Algebra</td>
<td>College algebra based</td>
<td>Java</td>
</tr>
</tbody>
</table>

**Statistics and Data Science**
- Explores the science of learning from data
- Collection, analysis, and interpretation of data
- Effective communication of results

**Computer Science**
- Problem solvers who use computers and computational processes
- Build the cyber infrastructure
- Improve the cloud
- Machine learning, AI, and more

**Systems and Industrial Engineering**
- System integration, optimization
- Quality and reliability of technology
- Supply chain management
- Manufacturing and more

**Management Information Systems**
- Prepare to solve problems at the intersection of business and technology
- Information processing to manage computerized information systems
- To meet the needs of business organizations

**School of Information**
- Studies the intersection of data and society
- Specialists in information management
- Data analysis and communication
- Data mining
- Social media marketing and much more

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Exploration is the beginning of learning! Don’t limit yourself.
Give Data Science a shot. You never know where your talents lie until you try.