Prerequisite Chart for Computer Science - Data Science Concentration

<table>
<thead>
<tr>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>3rd Semester</th>
<th>4th Semester</th>
<th>5th Semester</th>
<th>6th Semester</th>
<th>7th Semester</th>
<th>8th Semester</th>
<th>CMPS Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPS 390 Data Structures</td>
<td>MATH 161 Algebra</td>
<td>CMPS 340 Introduction to Data Science</td>
<td>CMPS 401 Programming Languages</td>
<td>CMPS Electives</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**

- **Required CMPS XXX**
- **Required CMPS Elective**
- **MATH xxx**
- **Alternative**
- **Prerequisite**
- **Co-prerequisite**
- **Alternative prerequisite**

- **Area Elective**
- **CMPS Elective (300 - 400 Level)**

(Most recent update: 3/12/2020)