**CS & Stats Plan of Study**

This is meant to be followed loosely as the Stats/Computer Science has many possible course combinations. Please refer to the course bulletin for a full list of courses that students can take. Reach out to your advisor if you have questions!

*indicates that choice is dependent on whether students have an AP Calculus or AP CS credit.

**The number of language courses you need to take is determined by a number of factors including advanced placement tests, proficiency in a second language, and placement tests. These slots can be filled with Hub or second language classes depending on how many you need, but should be filled with a second language class if you need it.

---

**FALL**

<table>
<thead>
<tr>
<th>FRESHMAN</th>
<th>SOPHMORE</th>
<th>JUNIOR</th>
<th>SENIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 111: Intro to CS 1</td>
<td>MA 293: Discrete Math or CS 131: Combinatoric Structures</td>
<td>Hub Course or MA 225: Multivariate Calculus</td>
<td>CS Group D Elective Course</td>
</tr>
<tr>
<td>WR 120: First-Year Writing Seminar</td>
<td>Foreign Language Course/Hub Course**</td>
<td>MA 242: Linear Algebra</td>
<td>MA 575: Linear Models</td>
</tr>
<tr>
<td>Foreign Language Course/Hub Course**</td>
<td>Hub Course</td>
<td>Hub Course</td>
<td>Hub Course</td>
</tr>
</tbody>
</table>

**SPRING**

<table>
<thead>
<tr>
<th>FRESHMAN</th>
<th>SOPHMORE</th>
<th>JUNIOR</th>
<th>SENIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA124 : Calculus II or MA 225: Multivariate Calculus</td>
<td>CS 112: Intro to CS 2</td>
<td>MA 242: Linear Algebra</td>
<td>CS Group D Elective Course</td>
</tr>
<tr>
<td>Second Semester Writing Course - WR 151, WR 152 or WR 153</td>
<td>MA 214: Applied Statistics</td>
<td>CS Group C Course</td>
<td>MA Elective level 200+ in Statistics or Probability</td>
</tr>
<tr>
<td>Foreign Language Course/Hub Course**</td>
<td>Hub Course</td>
<td>Hub Course</td>
<td>Hub Course</td>
</tr>
</tbody>
</table>

---

**CAS & Stats Joint Major Requirements**

- 4 Group A Courses (CS111, CS112, CS 210, CS330)
- MA293 or CS 131
- MA 123 & MA 124 or MA 127 or MA 129
- MA 213 & MA 214
- at least 2 CS Group C Courses
- 2 Group D Courses
- CAS MA 225 or MA 230
- MA 581 or CAS CS 237
- MA 242 Linear Algebra
- MA 575 Linear Models
- MA 582 or MA 589

**Hub Requirements**

The HUB is a set of 26 requirements for all BU undergraduate students. They can be completed in ~10–12 courses. Hub courses can count toward majors & minors. Below are the list of Hub requirements that are not already included in the CS major courses:

- 1 Philosophical Inquiry & Life’s Meanings
- 1 Aesthetic Exploration
- 1 Historical Consciousness
- 1 Scientific Inquiry I
- 1 Social Inquiry I
- 1 Scientific Inquiry II or Social Inquiry II
- 1 The Individual in Community
- 2 Global Citizenship and Intercultural Literacy
- 1 Ethical Reasoning
- 2 Research and Information Literacy
- 2 Teamwork/Collaboration
- 1 First-Year Writing Seminar
- 1 Writing, Research, and Inquiry
- 2 Writing-Intensive Course
- 1 Oral and/or Signed Communication

---

**FRESHMAN**

- MA 123: Calculus 1 or MA 124: Calculus II
- CS 111: Intro to CS 1
- WR 120: First-Year Writing Seminar
- Foreign Language Course/Hub Course**

**JUNIOR**

- MA 242: Linear Algebra
- Hub Course
- Hub Course
- CS Group C Course

**SENIOR**

- Hub Course
- Hub Course
- Hub Course