### Possible paths through the Bachelor of Science in Computer Science

<table>
<thead>
<tr>
<th>8 semesters</th>
<th>6 semesters</th>
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</thead>
</table>

#### 1st Semester
- Discrete Structures
  - CSCI 1323

#### 2nd Semester
- Principles of Programming I
  - CSCI 1320
- Seminar
  - CSCI 2090
  - Here and 3 other times

#### 3rd Semester
- Principles of Theoretical Computer Science
  - CSCI 3320

#### 4th Semester
- Principles of Data Abstraction
  - CSCI 2320
- Principles of Functional Languages
  - CSCI 2322

#### 5th Semester
- Math/Logic

#### 6th Semester
  - or
  - Thesis Reading : CSCI 3398

#### 7th Semester
- Senior Software I : CSCI 4385
  - or
  - Thesis I : CSCI 4398

#### 8th Semester
- Senior Software II : CSCI 4386
  - or
  - Thesis II : CSCI 4399

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#### 1st Semester
- Discrete Structures
  - CSCI 1323

#### 2nd Semester
- Principles of Programming II
  - CSCI 1321
- Low-Level Computing
  - CSCI 1120

#### 3rd Semester
- Principles of Data Abstraction
  - CSCI 2320

#### 4th Semester
- Principles of Functional Languages
  - CSCI 2322

#### 5th Semester
- Math/Logic

#### 6th Semester
  - or
  - Thesis Reading : CSCI 3398

#### 7th Semester
- Senior Software I : CSCI 4385
  - or
  - Thesis I : CSCI 4398

#### 8th Semester
- Senior Software II : CSCI 4386
  - or
  - Thesis II : CSCI 4399

### Notes
- **Low-Level Computing**
  - CSCI 1120
  - for Advanced Software Engineering only
- **Math/Logic**
  - CSCI 1120
  - for Advanced Software Engineering only
- **Seminar**
  - CSCI 2090
  - Here and 3 other times

### Prerequisites
- **Prerequisites**
  - CSCI 1320
  - CSCI 1321
  - CSCI 1323
  - CSCI 2320
  - CSCI 2321