### Bachelor of Science in Computer Science

**Major Courses**
- 10 courses, Minimum 30 credits required; 24 credits must be from SU

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CSC54-184</td>
<td>Computer Science I</td>
</tr>
<tr>
<td>CSC54-284</td>
<td>Computer Science II</td>
</tr>
<tr>
<td>CSC54-384</td>
<td>Discrete Mathematics</td>
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<tr>
<td>CSC54-394</td>
<td>Computer Organization</td>
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<tr>
<td>CSC54-454</td>
<td>Algorithms</td>
</tr>
<tr>
<td>CSC54-474</td>
<td>Programming Languages</td>
</tr>
<tr>
<td>CSC54-644</td>
<td>Computer Systems</td>
</tr>
<tr>
<td>CSC54-894</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

**Math Field Test**
- Select two CSC courses (300 level or above; min 3-4 cr each):
  - CSC54-xxx Calculus I
  - CSC54-xxx Calculus II or Linear Algebra

*Statistics (52-114) cannot satisfy MAT major or minor requirements.

### General Education Requirements

**At least 30 total credits required, minimum 3 credits required per course**

**General Education Part I**

- First Year/Adv. Entry Seminar:
  - UST05-014 or UST05-214

- Foreign Language (3 sem.)

- Social Justice Course (may double count with any requirement):

- 2 different FRAs:

**Total Earned Credits:** 0
**Total Southwestern Credits:** 0
**Total Major Credits:** 0
**Total Gen Ed Credits:** 0

**Exploration & Breadth - Gen Ed Part II**

- Six total courses

- Select one course from each of the following areas:
  - Humanities:
    - PHY53-154 Fundamentals of Physics I
  - Natural Sciences:
    - PHY53-154 Fundamentals of Physics I
  - Social Sciences:
  - Fine Arts:

- Select two additional courses from the four areas listed above.

**Notes:**

- Minimum of 127 credits:
  - Cumulative GPA > 2.0
  - GPA > 2.0 for Major, Minor and/or Areas of Concentration
  - Less than C- grade in major/minor/core?
  - No more than 56 credits of any 5 digit prefix
  - Major credits completed (min 30 required)
  - 60% of Major courses completed at Southwestern (24cr)
  - 50% of Major courses are upper level (20cr)

- **Minor (optional):**
  - Minimum 18 credits
  - Minimum 12 upper level credits
  - Minimum of 12 credits taken at Southwestern
  - Minimum 2.0 minor courses CGPA

- **Other:**
Degree Audit Completed (Due one year before grad date)
Grad Application Submitted (Due start of final semester)