### Department of Electrical Engineering and Computer Science

#### Computer Science Catalog 2024

**Volunteer Core courses highlighted in light orange.**

**Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Courses</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
</table>
| Fall 14-15 hours | Prereq: COSC 102 or SP | **Bible** 101 | 3 (EI) FA, SP, SU | Overall grade point average, grades earned in courses required in the lower division curricula of the department and College of Engineering, and seriousness of purpose and interest in departmental programs as measured by grade in COSC 101. 9 resulting in 3 is required. Students also must have a minimum of 9 credit hours in at least two subject areas for Engaged Inquiry. **Global Citizenship United States (GCUS)**<br>**Social Science (SS)**<br>**Expanded Perspectives**<br>**Engaged Inquiry**<br>**Vol Core (3)** FA, SP, SU | Prereq- COSC 102 with grade of C or better<br>Prereq- ENGL 101 or 131<br>Prereq University Honors only<br>Prereq- EF 142 or 151 or 157 with C or better<br>Prereq- EF 142 with C or better<br>Prereq- EF 142 with C or better.<br>Prereq- EF 142 or 151 or 157 with C or better<br>Prereq- EF 142 or 151 or 157 with C or better<br>Prereq- EF 142 or 151 or 157 with C or better<br>Prereq- EF 142 with C or better<br>Prereq- ECE 255<br>Prereq- ECE 256<br>Prereq- ECE 257<br>Prereq- ECE 258

---

**Prerequisite:** The department requires at least a C in every computer engineering, computer science, electrical engineering, and mathematics course used for the undergraduate degrees. Progression of departmental undergraduate students to the upper-division programs of the department is competitive and is based on the space available in the department. Factors considered in the decision include overall grade point average, grades earned in courses required in the lower division curricula of the department and College of Engineering, and seriousness of purpose and interest in departmental programs as exemplified by regular and orderly progress through the prescribed curriculum without abuse of withdrawal and course repeat privileges.

**Students should try to select courses that satisfy approved Vol Core Areas AND Engaged Inquiry category. Students must have a minimum of 9 credit hours in at least two subject areas for Engaged Inquiry.**