The program of courses listed below satisfies the ABET accreditation criteria of 30 credits of mathematics and basic sciences, and 45 credits of engineering sciences and engineering design. Any deviations must be approved by the student's advisor, department chair, and dean. The University General Education Core and graduation requirements for Engineering are included.

### Technical Electives (TE)

A minimum of 9 credit hours is required. TE may be EE courses 300 or above, or ICS courses listed below.

<table>
<thead>
<tr>
<th>ICS Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>313, 321, 351, 355, 414, 415, 421, 423, 424, 425, 428</td>
</tr>
<tr>
<td>431, 432, 441, 442, 451, 455, 461, 464, 465, 466, 469, 481</td>
</tr>
</tbody>
</table>

### NOTES

1. Refer to General Education Core Requirements in UHM Catalog for Diversification (DH, DL, DS) and Foundation (FG) Courses.
2. Math 251A/252A/253A may substitute for Math 241-244.
4. ICS 111/211/212 may substitute for EE 160/205.
5. ICS 141/241 may substitute for EE 362.
6. ICS 311 may substitute for EE 367/367L.
7. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
8. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O) and Contemporary Ethical Issues (E).
9. Enrollment in EE courses requires a grade of 'C' or better in all prerequisite courses.
10. One TE may be substituted with an Engineering Breath (EB) course, which is satisfied by a CEE, ME, OE or BE course at the 300-level or higher, CEE 270; or a physical, biological, or computer science course at the 300-level or higher and approved by the Department's Undergraduate Curriculum Committee.
11. ENGR 196/296/396 may substitute for EE 196/296/396.