<table>
<thead>
<tr>
<th>American History</th>
<th>Required</th>
<th>Satisfied</th>
</tr>
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<tbody>
<tr>
<td>Subj-A/ESL/Ent- W</td>
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<thead>
<tr>
<th>FIRST YEAR REQUIRED</th>
<th>Requisites</th>
<th>TERMS</th>
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</thead>
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### FALL
- Math 31A
- Math 31B
- Math 32A
- Math 32B
- Math 33A
- Math 33B
- Math 61

### WINTER
- Physics 1A
- Physics 1B
- Physics 1C
- Physics 4AL or Physics 4BL
- ENGR 96C
- EC ENGR 1 or COM SCI 1
- EC ENGR 3

### SPRING
- COM SCI 31
- COM SCI 32
- COM SCI 33
- COM SCI 35L
- COM SCI M51A or EC ENGR M16
- COM SCI 111
- COM SCI 118 or EC ENGR 132B

### SUMMER
- COM SCI M151B or EC ENGR M16C

### SECOND YEAR
- COM SCI M152A or EC ENGR M16L
- COM SCI 180
- EC ENGR 100
- EC ENGR 102
- EC ENGR 113
- EC ENGR 115C
- STATS 100A, C&EE 110, EC ENGR 131A, or Math 170A

### THIRD YEAR
- EC ENGR Capstone Course DA*
- EC ENGR Capstone Course DB*
- EC ENGR Elective #1 (Upper Div EC ENGR Course, 100-187)
- EC ENGR Elective #2 (Upper Div EC ENGR Course, 100-187)
- COM SCI Elective #1 (Upper Div COM SCI Course, 100-187)
- COM SCI Elective #2 (Upper Div COM SCI Course, 100-187)

### FOURTH YEAR
- English Composition 3
- Engineering Ethics (ENGR 183EW or 185EW)*
- General Education Requirement
- FAH - LCA/PLA/VPA***
- FAH - LCA/PLA/VPA***
- FSC - HAN
- FSC - SAN
- FSI - Life Science

### FIFTH YEAR
- TBR #1**
- TBR #2**
- TBR #3**
- May choose CS or EE as an area
- Declare area on my.engineering.ucla.edu
- take 3 courses from list in one area
- Requires a C or better to pass
- Requires a C or better to pass

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*Worksheet to be used with the HSSEAS Announcement for your catalog year; however you need to refer to the current year’s announcement for current term offerings as well as the updates posted at [http://www.seasoasa.ucla.edu/curricular-requirements-department-information/](http://www.seasoasa.ucla.edu/curricular-requirements-department-information/)


***Must choose two different sub-groups (i.e., may not take two courses in the same subgroup)

Suggested Tracks & Electives:
2. Data Science: COM SCI CM121, 136, 133, 135, 143, 144, 145, M146, 161, 188, EC ENGR 114, 133A, 133B, 134, 188