# B.S. - ELECTRICAL ENGINEERING 2017-18 CATALOG

## FRESHMAN YEAR

### FALL SEMESTER

* ENG 101 (3)  
  SAT SCORE > 499 or  
  SAT ERWS > 479 OR  
  ACT SCORE > 17 OR  
  PLACEMENT EXAM

* MATH 181 (4)  
  PREREQUISITE  
  MATH 127 OR 128 OR SAT  
  SCORE > 629 OR SAT MSS >  
  649 OR ACT SCORE > 27  
  PLACEMENT TEST

* CHEM 121A/L (4)  
  PREREQUISITE  
  CHEM PLACEMENT TEST OR  
  CHEM 103  
  COREQUISITE  
  MATH 126 OR HIGHER

* CS 100 (3)  
  PREREQUISITE  
  MATH 127 OR 128 OR HIGHER

* FIRST-YEAR SEMINAR (2-3)  
  EGG 101/L  
  RECOMMENDED

### SPRING SEMESTER

* ENG 102 (3)  
  PREREQUISITE  
  ENG 101 or  
  ENG 101 E/F

* MATH 182 (4)  
  PREREQUISITE  
  MATH 181

* PHYS 180/L (4)  
  PREREQUISITE  
  MATH 181

* ECON 190 (3)  
  SATISFIES  
  INTERNATIONAL REQUIREMENT

## SOPHOMORE YEAR

### FALL SEMESTER

* SOPHOMORE SEMINAR (3)  
  PHIL 242  
  RECOMMENDED

* MATH 283 (4)  
  PREREQUISITE  
  MATH 182

* PHYS 181/L (4)  
  PREREQUISITE  
  MATH 182

* EE 220/D (3)  
  PREREQUISITE  
  MATH 182 &  
  CS 117 OR CS 135

* EE 221/L (4)  
  PREREQUISITE  
  EE 220

* CEE 307 (3)  
  PREREQUISITE  
  MATH 181 & 30+  
  CREDITS (SOPHOMORE STANDING)

### SPRING SEMESTER

* MATH 431 (3)  
  PREREQUISITE  
  MATH 283

* GENERAL ED REQ. (3)  
  SOCIAL SCIENCE (MULTI)  
  NOTE: REFER TO THE 2017-18 UNIVERSITY CATALOG

* FIRST-YEAR SEMINAR (2-3)  
  EGG 101/L  
  RECOMMENDED

* CPE 200 & D  
  & L (4)  
  PREREQUISITE  
  CPE 100

* GEN. ED REQ. (3)  
  SOCIAL SCIENCE (MULTI)  
  NOTE: REFER TO THE 2017-18 UNIVERSITY CATALOG

* INDICATES COURSES OFFERED IN FALL

@ INDICATES COURSES OFFERED IN SPRING

# INDICATES COURSES OFFERED IN SUMMER  
(SUBJECT TO CHANGE BASED ON DEPT. OFFERING)
<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>SENIOR YEAR</th>
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<tbody>
<tr>
<td><strong>FALL SEMESTER</strong></td>
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</tr>
<tr>
<td><strong>PREREQUISITE MATH 431</strong></td>
<td><strong>NOTE: REQUIRES ADVANCED STANDING &amp; COURSE CO/PREREQS.</strong></td>
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<tr>
<td><strong>PREREQUISITES EE 360 &amp; MATH 432</strong></td>
<td><strong>NOTE: REQUIRES ADVANCED STANDING &amp; COURSE CO/PREREQS.</strong></td>
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<tr>
<td><strong>PREREQUISITE EE 221/L, MATH 431, CHEM 121A/L, PHYS181/L</strong></td>
<td><strong>NOTE: REFER TO APPROVED LIST OF EE/CPE ELECTIVES</strong></td>
</tr>
<tr>
<td><strong>PREREQUISITES PHYS 181, MATH 431, EE 221 COREQUISITE MATH 432</strong></td>
<td><strong>NOTE: REFER TO APPROVED LIST OF EE/CPE ELECTIVES</strong></td>
</tr>
<tr>
<td><strong>PREREQUISITES EE 221, MATH 431 COREQUISITE MATH 432 or MATH 459</strong></td>
<td><strong>NOTE: REFER TO APPROVED LIST OF MATH/SCIENCE PROFESSIONAL ELECTIVES</strong></td>
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<tr>
<td><strong>MULTI IF NOT TAKEN AS SOCIAL SCIENCE REFERENCE THE 2017-18 CATALOG</strong></td>
<td><strong>PREREQUISITES EE 497 &amp; FINAL SEMESTER SENIOR</strong></td>
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<tr>
<td><strong>PREREQUISITE SENIOR STANDING &amp; CPE OR EE MAJOR &amp; CONSENT OF FAC. MENTOR AND DEPT.</strong></td>
<td><strong># INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO CHANGE BASED ON DEPT. OFFERING)</strong></td>
</tr>
</tbody>
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* COURSE OFFERED IN FALL  
@COURSE OFFERED IN SPRING  
# INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO CHANGE BASED ON DEPT. OFFERING)