**B.S. - ELECTRICAL ENGINEERING 2020-21 CATALOG**

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
</table>
| **@#ENG 101 (3)**  
SAT SCORE > 499 or SAT ERWS > 479 OR ACT SCORE > 17 OR | **@#ENG 102 (3)**  
PREREQUISITE  
ENG 101 or ENG 101 E/F |
| **@#MATH 181 (4)**  
PREREQUISITE  
MATH 127 OR 128 OR SAT SCORE > 629 OR SAT MSS > 649 OR ACT SCORE > 27 PLACEMENT TEST | **@#MATH 283 (4)**  
PREREQUISITE  
MATH 182 |
| **@#CS 135 (3)**  
PREREQUISITE  
CS 135 - MATH 127 OR 128 OR HIGHER | **@#EE 221/L (4)**  
PREREQUISITE  
EE 220 |
| **@FIRST-YEAR SEMINAR (1)**  
EGG 101/L RECOMMENDED | **@#MATH 431 (3)**  
PREREQUISITE  
MATH 283 |
| **@#GEN. ED REQ. (3)**  
SOCIAL SCIENCE (MULTI)  
NOTE: REFER TO THE 2020-21 UNIVERSITY CATALOG | **@#PHYS 180/L (4)**  
PREREQUISITE  
MATH 181 |

**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
</table>
| **@#ENG 101**  
SAT SCORE > 499 or SAT ERWS > 479 OR ACT SCORE > 17 OR | **@#ENG 102 (3)**  
PREREQUISITE  
ENG 101 or ENG 101 E/F |
| **@#MATH 182 (4)**  
PREREQUISITE  
MATH 181 | **@#PHYS 181/L (4)**  
PREREQUISITE  
PHYS 180/L & MATH 182 |
| **@#CS 135 (3)**  
PREREQUISITE  
CS 135 - MATH 127 OR 128 OR HIGHER | **@#EE 220/D (3)**  
PREREQUISITE  
MATH 182 |
| **@FIRST-YEAR SEMINAR (1)**  
EGG 101/L RECOMMENDED | **@#EE 221/L (4)**  
PREREQUISITE  
EE 220 |
| **@#CPE 100 (3)**  
PREREQUISITE  
MATH 127 OR MATH 128 OR MATH 181 W/ GRADE OF C OR BETTER | **@#EE 221/L (4)**  
PREREQUISITE  
EE 220 |
| **@#CPE 200 & D & L (4)**  
PREREQUISITE  
CPE 100 | **@#CPE 200 & D & L (4)**  
PREREQUISITE  
CPE 100 |
| **EGG 202 (1)**  
EGG 101 | **@#GEN. ED REQ. (3)**  
SOCIAL SCIENCE (MULTI)  
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**GENERAL EDUCATION REMINDER:** A MULTICULTURAL AND INTERNATIONAL REQUIREMENT IS REQUIRED. WE SUGGEST USING DOUBLE DIPPER COURSES IN SOCIAL SCIENCE, FINE ARTS OR HUMANITIES.
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JUNIOR YEAR

FALL SEMESTER

*@#MATH 432 or MATH 459 (3)
PREREQUISITE
MATH 432 - MATH 283
MATH 459 - MATH 251
AND MATH 283

*@EE 360 (3)
PREREQUISITES
EE 360 & MATH 432 or MATH 459

@EE 320/L (4)
PREREQUISITE
EE 221/L, MATH 431,
CHEM 121A/L, PHYS181/L

@EE 330/D (3)
PREREQUISITES
PHYS 181, MATH 431,
EE 221
COREQUISITE

@EE 360/D (3)
PREREQUISITES
EE 221, MATH 431
COREQUISITE
MATH 432 or MATH 459

@#FINE ARTS
ELECTIVE (3)
SOCIAL SCIENCE
NOTE:
REFER TO THE 2020-21 CATALOG

@#GEN. ED REQ. (3)
HUMANITIES
NOTE: REFER TO THE 2020-
21 UNIVERSITY CATALOG

@#LAB #1 (1)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@#LAB #2 (1)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@#LAB #3 (1)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@#LAB #4 (1)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@EE 370 (3)
PREREQUISITES
EE 360 & (MATH 432 OR MATH 459)

@EE CORE
AREA #1 (3)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@EE CORE
AREA #2 (3)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@EE CORE
AREA #3 (3)
NOTE: REQUIRES ADVANCED
STANDING & COURSE

@EE 497 (1)
PREREQUISITE: SENIOR
STANDING & CPE OR EE
MAJOR & CONSENT OF FAC.
MENTOR AND DEPT.

# INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO CHANGE BASED ON DEPT. OFFERING)

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