# B.S. - CIVIL ENGINEERING 2019-20 CATALOG

## FRESHMAN YEAR

### FALL SEMESTER

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

- **@#ENG102 (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

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

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

- **@#COM 101 (3)**

### SPRING SEMESTER

- **@#MATH 182 (4)**  
  - PREREQUISITE  
    - MATH 181

- **@#PHYS180/L (4)**  
  - PREREQUISITE  
    - MATH 181

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

- **@#CEE 121 (2)**  
  - PREREQUISITE:  
    - MATH 127 OR MATH 128

- **@#COM 101 (3)**

## SOPHOMORE YEAR

### FALL SEMESTER

- **@#CEE 241 (3)**  
  - PREREQUISITE  
    - PHYS 180/L & MATH 182

- **@#MATH 283 (4)**  
  - PREREQUISITE  
    - MATH 182

- **@#MATH 431 (3)**  
  - PREREQUISITE  
    - MATH 283

- **@#CHEM 101/L (4)**  
  - PREREQUISITE  
    - CHEM PLACEMENT TEST OR CHEM 103  
    - COREQUISITE  
      - MATH 126 OR HIGHER

- **@#CE 370/L (4)**  
  - PREREQUISITE  
    - CEE 241

- **@#CEE 250 (3)**  
  - PREREQUISITE  
    - CHEM 121A/L and MATH 181

### SPRING SEMESTER

- **@#CE 371 (3)**  
  - PREREQUISITE  
    - MATH 283 and PHYS 180/L

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* INDICATES COURSES OFFERED IN FALL

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

@ INDICATES COURSES OFFERED IN SPRING
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JUNIOR YEAR

FALL SEMESTER

%*CEE 346/L (3)
PREREQUISITE
CEE 370/L or ME 302/L
COREQUISITE
STAT 463

%@CEE 340 (3)
PREREQUISITE
ADVANCED STANDING

%*CEE 450/L(4)
PREREQUISITE
CEE 367/L, CHEM 121A/L & MATH 431

%*@CEE 498 (3)
PREREQUISITE
ALL REQUIRED CEE COURSES EXCEPT CEE 499 AND ANY ONE OF CEE 413, CEE 450 OR CEE 480

%*CEE 362 (3)
Advanced Standing

%@CEE 334/L (4)
PREREQUISITE
CEE 370/L OR ME 302/L & GEOL 101/L

%*@#CEE ELECT. #1
(3)
NOTE: REFER TO APPROVED LIST

%*@#CEE ELECT. #3
(3)
NOTE: REFER TO APPROVED LIST

%*CEE 367 (4)
PREREQUISITE
ME 242 & MATH 283
COREQUISITE
STAT 463

%@CEE 413 (3)
PREREQUISITE
CEE 367/L

%*@#CEE ELECT. #2
(3)
NOTE: REFER TO APPROVED LIST

%*@#CEE ELECT. #4
(3)
NOTE: REFER TO APPROVED LIST

%*CEE 381 (3)
PREREQUISITE
CEE 370 OR ME 302/L & MATH 283

%@CEE 480 (3)
PREREQUISITE
CEE 346/L & CEE 381

CONSTITUTIONAL REQUIREMENT
SUGGESTED
*@#PSC 101 (4) OR
*@#HIST 100 (4)

%@#FINE ARTS ELECTIVE (3)
MULTI or INTL IF NOT TAKEN AS SOCIAL SCIENCE OR HUMANITIES
NOTE: REFER TO THE 2019-20 CATALOG

% REQUIRES ADVANCED STANDING

@COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

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

*GEN. ED REQ. (3)
SOCIAL SCIENCE
(MULTI/INTL) NOTE: REFER TO THE 2019-20 UNIVERSITY