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** Master of Science in Electrical and Computer Engineering (MSECE)**

- **Graduate Course:** Must be completed with a minimum GPA of 3.0
- **General Electives:** Any 4 SH course that is not remedial or repetitive. Please see your advisor if you have any questions.

**BS/MS Curricular Outline - Class of 2018, 2019, 2020**

- **FALL:**
  - **MATH1341:** Calculus I for Engrs.
- **SPRING:**
  - **MATH1342:** Calculus II for Engrs.
- **SUMMER 1:**
  - **Vacation:**
- **SUMMER 2:**
  - **Vacation:**

**Notes:**

- **ENGW1111:** is an acceptable substitution for engineering majors.
- English course prefixes have changed from ENGL to ENG. ENG1111 is equivalent to ENGL1111. ENGWR302 is equivalent to ENGL302. Effective Fall 2014, the ENG 302 course number will be retired. Students may take ENG 2302 or ENG 3315 to fulfill their Advanced Writing in the Technical Professions requirement. ENG 3302 will still count towards the Advanced Writing in the Technical Professions requirement if the course was taken prior to Fall 2014.

**Effective Summer 1, 2017:** EECE2150 & EECE2151 = EECE2150 and EECE2160 & 2161 = EECE2160. The labs are no longer offered as separate course numbers.

**Required Courses:**

- **FALL 1:**
  - MATH1341: Calculus I for Engrs.
  - CHEM1151: General Chem for Engrs.
  - CHEM1155: Recitation for CHEM1151
  - EECE1000: Intro to Eng'g.
  - EE1110: Eng'g. Design
  - Arts and Hum. 1 or Hum. 1
  - ENGW1111: College Writing
- **SPRING 1:**
  - MATH1342: Calculus II for Engrs.
  - PHYS1151: Physics I for Engrs.
  - PHYS1152: Physics II Lab
  - PHYS1153: ILS for PHYS1151
- **SUMMER 1:**
  - **Vacation:**
- **SUMMER 2:**
  - **Vacation:**

**General Elective Requirements:**

- Any 4 SH course that is not remedial or repetitive. Please see your advisor if you have any questions.

- **CE Fundamentals:**
  - EECE2322/2323: Fundamentals Digital Design & Lab
  - EECE2540: Fundamentals Networks
  - EECE2560: Fundamentals Algorithms

- **EE Fundamentals:**
  - EECE2520: Fundamentals Linear Systems
  - EECE2530/2531: Fundamentals Electromagnetics & lab.

- **Technical Professions:**
  - EECE2412/2413: Fundamentals Electronics 1 & lab
  - EECE2500: Fundamentals Digital Design

- **Analytics:**
  - EECE2590: Advanced Writing for Prof.

- **Humanities/Language Electives:**
  - Humanities Lvl 1

- **Social Science:**
  - Social Science Lvl 1

**Co-op:**

- EECE2150 & EECE2151 = EECE2150 and EECE2160 & 2161 = EECE2160. The labs are no longer offered as separate course numbers.

**SUMMER 1:**

- **EECE2150:** Recitation for EECE2160
- **EECE2151:** Lab for EECE2160

**SUMMER 2:**

- **EECE2160:** Intro to Eng'g. Coop
- **EECE2161:** Lab for EECE2160

**Technical Professions:**

- EECE2520: Fundamentals Linear Systems
- EECE2530/2531: Fundamentals Electromagnetics & lab.

**Analytics:**

- EECE2590: Advanced Writing for Prof.

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**BS/MS Curriculum Outline - Class of 2018, 2019, 2020**

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