**BS CpE**

*catalog year: 2017-2018*

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### STUDY NAVIGATION

**Fall 2017**

- **MA1160 (4) CALC I**
- **CS1121 (3) Intro to Programming I**
- **EE1111 (1)**
- **CS1122 (3) Programming I**
- **PH1100 (1)**
- **UN1015 (3)**
- **MA2160 (3)**
- **UN1025 (3)**
- **PH1000 (1)**
- **SHS Int. Year 1**
- **Electives**
- **Total Credits: 14.5**

**Spring 2018**

- **CS1123 (3) Pre-Calculus**
- **MA2160 (3) Calculus II**
- **CS2312 (3)**
- **MA2160 (3) Programming II**
- **PH1200 (1)**
- **HASS Electives**
- **Total Credits: 17.5**

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**Fall 2018**

- **MA2160 (4) Calculus II**
- **CS2312 (3) Data Structures**
- **MA2160 (3) Programming II**
- **CS2311 (3) Programming at His Interface**
- **UN1025 (3) Global Issues**
- **MA3170 (3)**
- **MA3170 (3)**
- **HASS Electives**
- **Total Credits: 17.5**

**Spring 2019**

- **MA2160 (4) Calculus II**
- **CS2312 (3) Data Structures**
- **MA2160 (3) Programming II**
- **CS2311 (3) Programming at His Interface**
- **UN1025 (3) Global Issues**
- **MA3170 (3)**
- **MA3170 (3)**
- **HASS Electives**
- **Total Credits: 17.5**

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**Fall 2019**

- **MA2160 (4) Calculus II**
- **CS2312 (3) Data Structures**
- **MA2160 (3) Programming II**
- **CS2311 (3) Programming at His Interface**
- **UN1025 (3) Global Issues**
- **MA3170 (3)**
- **MA3170 (3)**
- **HASS Electives**
- **Total Credits: 17.5**

**Spring 2020**

- **MA2160 (4) Calculus II**
- **CS2312 (3) Data Structures**
- **MA2160 (3) Programming II**
- **CS2311 (3) Programming at His Interface**
- **UN1025 (3) Global Issues**
- **MA3170 (3)**
- **MA3170 (3)**
- **HASS Electives**
- **Total Credits: 17.5**

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**Total Credits: 128**

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**Notes:**

1. If considering BSEE or another Engineering major, consider taking U.Chem or Prep Chem in 1st sem. CH1150/51 = Math/Sci Elective STEM 2nd discipline
2. Technical Electives: Choose 12 or Technical Electives from approved list of CEE Technical Electives
3. 3 sem: choose either CS3311 or CS3160. Other may be used for technical elective credits if desired.
4. 4 STEM 2nd discipline course: choose one course: CH1151/1151 or BL1040 or GE2000.
5. Eligible Math/Sci electives: MA2600, MA2910, MA3000 or higher: BL1010 or higher; CH1150 or higher; PH2300 or higher
6. HASS electives: 6 credits must be upper division 3000-4000 level - UN1015 and UN1025 are prerequisites for all upper division HASS courses.

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Undergraduate advisor: EERC 131. Call 487-2550 to schedule appt. tjhassel@mtu.edu