BS CpE catalog year: 2019-2020

Fall Year 1

Co-hort courses

MA1160 (4) CALC I
EN1101(3) Engg Analysis

Spring Year 2

EE1111 (1) Pre-req
MA2321 (2) Accel Linear Alg
EE1212 (4) Circuits II & Lab

Fall Year 3

EE3131 (4) Electrons & Lab
EE3113 (1) Design Fund.
EE3173(4) H/S Integration

Spring Year 4

EE4901 (2) EE3173(3) Comp Systems Eng & Performance
EE4910 (2) EE4910 (2) ECE Design 2

A good time to co-op

Fall

*EE3160 (3) OR CS3331 (3)
EE4272/ CS4461(3) Computer Networks

Spring

EE3131 (1) or Enterprise or Senior Design or EPS

MA2160 (4) or MA1161 (5) CALC II
MA2160 (4) or MA1161 (5) CALC II

EE2111 (3) Electrical Circuits I
MA3521 (2) Discrete Structures

EE3173(4) H/S Integration
CS4321(3) Introduction to Algorithms

Additional courses:

1) If considering BSEE or another Engineering major.
   Consider taking: U Chem or Intro Chem in 1st yr. CH150/51 = Math/Sci Elective STEM 2nd discipline
   w/ Senior design or 10 cr. with Enterprise for Design option.
2) Technical Electives: Choose 12 or Technical Electives from approved list of CpE Technical Electives
   w/ Senior Design or 10 cr. with Enterprise for Design option.
3) Sem 5: Choose either CS3331 or EE3160. The other may be used for technical elective credits if desired.
4) Eligible Math/Sci electives: MA2600, MA2910, MA3000 or higher. BL1010 or higher; CH1150 or higher; PH2300 or higher
   (some exclusions—see degree audit for complete list)
5) HASS electives: 6 credits must be upper division 3000-4000; UN1015 & UN1025 are prerequisites for upper division HASS courses.

Recommended HASS: EC3400

A) Enterprise for Design: May take 4 sem. Enterprise in lieu of EE4901 and EE4910
   ENT3950, ENT3960, ENT4950, & ENT4960
   **(reduces technical electives by 2 credits)

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

Total 128

plus 3 units co-curricular activities