Michigan Technological University
Registrar's Office
1885

Academic Year 2020-21
Bachelor of Science in Electrical Engineering
EEEUG

Student Name and ID Number   Estimated Graduation Date

Major Requirements: 101 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Core Requirements: 48 Creditds		
CS 1111	3	
EE 2111	3	
EE 2112	4	
EE 2174	4	
EE 3120	3	
EE 3131	4	
EE 3140	3	
EE 3160	3	
EE 3171	4	
EE 3180	3	
EE 3261	3	
EE 3901	2	
EE 4250	3	
ENG 1101 or ENG 1001 and ENG 1100	3/4	
ENG 1102	3	
Math and Science: 28 Credits		
CH 1150	3	
CH 1151	1	
MA 1160 or MA 1161	4/5	
MA 2160	4	
MA 2321	2	
MA 3160	4	
MA 3521	2	
PH 1100	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
EE Technical Electives: 15 Credits		
Any EE course except CS1000, EE3010, EE3173, EE4000, EE4805, EE4901, EE4910 and those listed in major requirements. No more than 6 credits of EE2000-EE2999. Department approval required for EEnXXe.		
SELECT Approved Elective - choose one course		
BE2400, BL2010, CS1142, CEE3501, CEE3502 EE3373, ENG2120, ENG3200, ENG4510, MEEM2110, MEEM2150, MEEM2201, MEEM2700, MEEM3210, MEEM3220, MY2100, MY4292, PH2300, PH2400, PH3300		
	3	
Credit Subtotal		

Major Requirements: 101 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Senior Design Path: 7 Credits		
Select 4 credits of approved design from the following:		
(EE 4901 **and** EE 4910) **OR** (MEEM 4901 **and** MEEM 4911)		
	2	
	2	
Approved Electives: Choose at least 3 credits from the list below		
	3	
or Enterprise Design Path: 7 Credits		
Engineering Design: 6 credits		
ENT3950, ENT3960, ENT4950 **and** ENT4960 **or**		
ENT3960, ENT4950, ENT4960 **and** ENT module from following:		
ENT2961, ENT2962, ENT3959, ENT3963, ENT3966, ENT3967,		
ENT3971, ENT3982, ENT3983, ENT4951		
	1	
	1	
	2	
	2	
Approved Elective: Choose at least 1 credit from the list below		
	1	
Credit Subtotal		

List of Approved Electives

BL1100-BL1999, BL2000-BL2999, BL3000-BL3999, BL4000-BL4999, CH1152-CH1999, CH2000-CH2999, CH3000-CH3999, CH4000-CH4999, CM1000-CM1999, CM2000-CM2999, CM3000-CM3999, CM4000-CM4999, EE1112-EE1999, EE2000-EE2999, EE3000-EE3999, EE4000-EE4999, ENG2000-ENG2999, ENG3000-ENG3999, ENG4000-ENG4999, MA2600, MA2910-MA2999, MA3000-MA3999, MA4000-MA4999, PH1090, PH1091, PH1600, PH1610, PH2300-PH2999, PH3000-PH3999, PH4000-PH4999, BE1000-BE1999, BE2000-BE2999, BE3000, BE3999, BE4000-BE4999, CEE1000-CEE1999, CEE2000-CEE2999, CEE3000-CEE3999, CEE4000-CEE4999, CS1001-CS1999, CS2000-CS2999, CS3000-CS3999, CS4000-CS4999, ENT1000-ENT1999, ENT2000-ENT2999, ENT3000-ENT3999, ENT4000-ENT4999, GE1000-GE1999, GE2000-GE2999, GE3000-GE3999, GE4000-GE4999, MEEM2000-MEEM2999, MEEM3000-MEEM3999, MEEM4000-MEEM4999, MSE1000-MSE1999, MSE2000-MSE2999, MSE3000-MSE3999, MSE4000-MSE4999, UN4000, UN3002-UN3005. **The following courses are not allowed:** BE2700, BE4770, BL1580, BL1590, BL1710, BL1800, BL3970, BL3990, CM3410, CS4431, EE3010, ENG2060, ENG2990, ENG3060, ENG3530, ENG3990, ENG4070, ENG4300, ENG4900, ENG4905, ENG4910, ENG4990, ENT3958, ENT3964, MA3720, MA3750, MA3811, MA3990, MA4810, MA4820, MA4900, MA4905, MA4945

General Education Requirements: 24 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Courses used to complete General Education may not be used to complete other degree requirements.		
Core: 12 Credits		
UN 1015	3	
UN 1025 or upper level modern language	3	
Critical and Creative Thinking	3	
Social Responsibility and Ethical Reasoning	3	
HASS: 12 Credits		
✓ Students must complete 12 credits of HASS course work		
✓ Six of the 12 credits must be at the 3000- or 4000- level*		
✓ At least three credits each in the following: Communication/Comp, Humanities and Fine Arts, and Social & Behavioral Sciences.		
✓ No more than three credits may come from the Restricted List		
Communication/ Composition	minimum 3	
Humanities and Fine Arts	minimum 3	
Social and Behavioral Sciences	minimum 3	
Course from any list above or Restricted List	0-3	

*an upper division language course in place of UN1025 does not meet this requirement.

Free Electives: 3 Credits		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Credit Subtotal		

Co-Curricular Activities: 3 Credits		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		

Advisor Use Only	
Total Credits Required	128
Total Credits Completed	
Total Credits Needed	

***M**-Passed with valid grade, transfer, or Advance Placement credit; **R**egistered in course; **P**lan to take in future, **WVD**-Waived course or credit (does not reduce total degree credits required), **SUB**-Petitioned as substitute course.

Student Signature   Date   Departmental Approval   Date