Michigan Technological University
Bachelor of Science Degree Audit
Major Program: Electrical Engineering, Concentration: Engineering Enterprise
Program Code EEEE, Academic Year 2020-21
Total credits required for the degree: 128

Core Requirements: 48 credits

Course	Credits
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

Course	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: 12 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.

Course	Credits

SELECT Approved Elective: 3 credits

BE2400, BL2010, CS1142, CEE3501, CE3502, EE3373, ENG2120, ENG3200, ENG4510, MEEM2110, MEEM2150, MEEM2201, MEEM2700, MEEM3210, MEEM3220, MSE2100, MSE4292, PH1600, PH2300, PH2400, PH3300

Course	Credits
	3

Concentration Requirements: 12 credits

Enterprise Project Work: 6 credits

(EE 4901 and EE 4910) **OR** (MEEM 4901 and MEEM 4911)

Course	Credits
ENT 3950	1
ENT 3960	1
ENT 4950	2
ENT 4960	2

Enterprise Teaming and Communications: 3 credits

Course	Credits
ENT 2961	2
ENT 2962	1

Enterprise Instructional Modules: 3 credits

ENT3954, ENT3956, ENT3959, ENT3961, ENT3963, ENT3966, ENT3967, ENT3971, ENT3982, ENT3983, ENT4951, ENT4954

Course	Credits
	1
	1
	2
	2

Free Electives: 1 credit

Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.

Course	Credits

General Education Core and HASS

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the General Education page.

Core: 12 credits

Course	Credits
UN 1015	3
UN 1025 or an upper level modern language	3
Critical and Creative Thinking	3
Social Responsibility and Ethical Reasoning	3

HASS: 12 credits

Six of the 12 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

Course	Credits
Communication/ Composition	Minimum 3
Humanities and Fine Arts	Minimum 3
Social and Behavioral Sciences	Minimum 3
Course from any list above or from the Restricted HASS course list	0 to 3

Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the General Education page.

Course	Credits