MichiganTech

Bachelor of Science Degree Audit

201108 Requirements

Major Program: Electrical Engineering

Name: _____

Concentration: _____

ID#: _____

Program Code: EEEUG

Expected Graduation Term: _____

Major Requirements

Course Number	Credits (97)	Course Status Code M, R, P, WVD, SUB*
CS 1121/1131	3/5	
EE 2110	3	
EE 2150	3	
EE 2173	3	
EE 2303	1	
EE 2304	1	
EE 3120	3	
EE 3130	3	
EE 3140	3	
EE 3160	3	
EE 3170	3	
EE 3180	3	
EE 3305	1	
EE 3306	1	
EE 4900	2	
EE electives (any EE course not listed above and not EE3010, EE3805, EE3875, EE4000, EE4805, EE4900, EE4901, EE4910) 15 credits required.		
ENG 1101 **OR** (ENG 1001 AND ENG 1100)	3 / 4	
ENG 1102	3	
MA 1160/1161	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	

Major Requirements

Course Number	Credits (97)	Course Status Code M, R, P, WVD, SUB*
Senior Design Track:		
Senior Design: Select four credits of approved design from the following: (EE4901 and EE4910) OR (MEEM4901 and MEEM4911)		
Enterprise for Design Track:		
Engineering Design: Select six credits from the following: (ENT3950, ENT3960, ENT4950, and ENT4960) OR (ENT3960, ENT4950, ENT4960 AND an approved ENT module to be selected from the following: ENT3954, ENT3956, ENT3958, ENT3963, ENT3964, ENT3966, ENT3967, ENT3971, ENT3972, ENT4951).		
Approved Electives: 12 credits required with Senior Design Track. 10 credits required with Enterprise Design Track. **1. Choose a minimum of *5 credits* of *approved Math or Science* from the following:** Any MA course at least 3000 level *except MA3720 or MA4945. MAA not accepted.* Any BL course *except BL3990.* Any CH course number CH1100 and higher, *except CH1130.* Any PH course numbered PH1600 and higher, *except PH2230.*		
2. Choose *remaining approved electives* from the above or the following: Any Math or Science elective listed above. Any CS Course Any EE course *except EE3010* (maximum of 4 credits) ENG2000-ENG4999 *except ENG2990, 3530, 3993, 4160, 4900, 4905, 4910, and ENG4990.* Any BE, CE, CM *except CM3410*, GE, MEEM, MY course Any ENT course *except ENT1950.* UN4000 Remote Sensing Seminar UN3002 Co-op (6 credits maximum)		
Please consult Academic Advisor with any questions.		
Credits Subtotal		

* **M**-Passed with valid grade, transfer, or Adv. 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.

General Education Requirements

Course Number	Credits (28)	Course Status Code M, R, P, WVD, SUB*
UN 1001	3	
UN 1002**	4	
UN 2001	3	
UN 2002	3	

HASS Distribution Courses: 15 total credits required. Six credits must be at the 3000- or 4000-level.

- No more than 3 credits from the HASS Creative Endeavors List may be used to satisfy the HASS Distribution List requirements.
- No more than 3 credits from the HASS Supplemental List may be used to satisfy the HASS Distribution List requirements.

Credits Subtotal		

**Two semesters of a single modern language (6 cr) in addition to UN1003 World Cultures Activities (1 cr) can substitute for UN1002 + 3 credits of distribution course requirements.

Co-Curricular Activities		
	.5	
	.5	
	.5	
	.5	
	.5	
	.5	

Required for graduation, but not included in the calculation of the GPA, or in the overall credits required for the degree.

Free Electives

Course Number	Credits (3)	Course Status Code M, R, P, WVD, SUB*
Free Electives: Any Michigan Tech course(s) or approved transfer course(s) that are 1000-level or above, and are not duplicated or equivalent courses or pre-requisites for previously taken courses.		
Credits Subtotal		

Additional Information

(check all that apply)

Currently Enrolled in:

☐ **Certificate Program:**_____

☐ **Double Major:** _____

☐ **Minor:** _____

☐ **Second Degree:** _____

For Advisor Use Only	
Total Credits Required:	**128**
Total Credits Completed:	
Total Credits Needed:	

Student Signature Date

Departmental Approval Date