

ECE Advising : Handy Links

Run your [Interactive Degree Audit Report](#) (in Banweb)

[Prepare for Registration](#) (Schedule of Classes and other helps)

[Approval / Waiver Forms](#) (for registration approvals)

[First-Year Permission to Drop/Add Courses form](#)

[General Education: Core and HASS, and Co-curricular lists](#)

[ECE undergraduate advising pages](#) and [Advising Blog](#)

[ECE's ITC Learning Center](#) (EERC 123)

[MLC – Mathematics Learning Center](#)

[Degree Audits](#) (for majors, majors w/ concentrations)

[Minors](#) (find minor requirements, audit forms)

[Student Success Center](#)

[Co-op information](#)

[Huskies Study Abroad](#)

[Enterprise Program Information](#) (join a project team)

[Counseling and Wellness services](#) (appointments and workshops)

[Dean of Students Office](#)

[University Academic Policies](#)



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 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		
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*
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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.

Co-Curricular Activities: 3 Credits

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

Free Electives: 3 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Advisor Use Only

Total Credits Required	128
Total Credits Completed	
Total Credits Needed	

*M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan 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



Optional: Enterprise (ENT) participation:

ENT1960(1) ENT1960(1) ENT1960(1)

5) Enterprise design option:

ENT3950(1) → ENT3960(1) → ENT4950(2) → ENT4960(2)

EE3131
 EE3901
 EE3171(C)

ENT4950 & ENT4960: take in same enterprise & consecutive semesters.

Sem. 1 - Fall

Sem. 2 - Spring

Sem. 3 - Fall

Sem. 4 - Spring

Sem. 5 - Fall

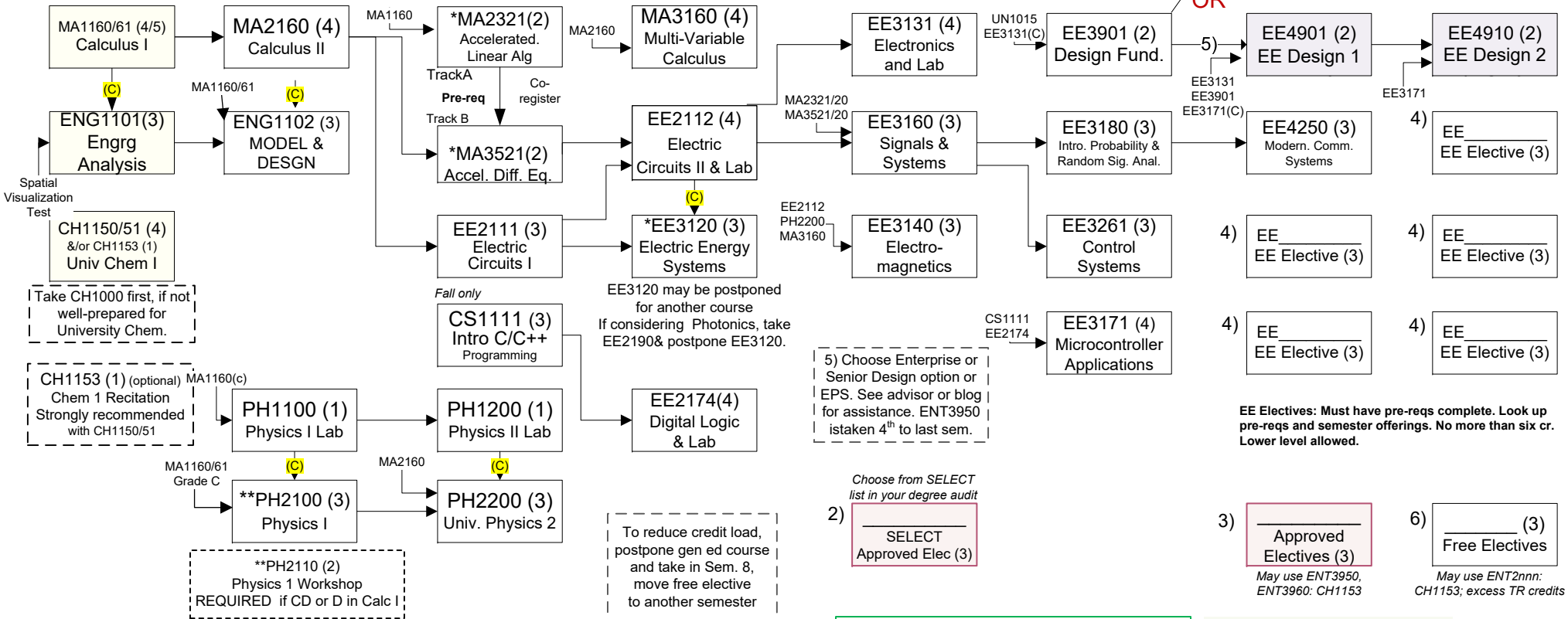
Sem. 6 - Spring

Sem. 7 - Fall

Sem. 8 - Spring

Co-hort courses

May take MA2320, delay MA3520&EE2112



- 1) UN1015 (3) Composition
 - 1) EET4373 or
 - 1) UN1025 (3) Global Issues
 - 1) Social/Ethical Reasoning List
 - 1) Crit/Creative Thinking List
- Upper-level language course may replace UN1025

- Choose at least 6 credits of 3000-4999 HASS: A recommended HASS: EC3400
- 1) HASS Comm/Composition
 - 1) HASS Social & Behavioral Sci
 - 1) HASS HU,FA
 - 1) Any HASS
- Choose upper-level HASS if needed
- Co-Curr ½ unit
 - Co-Curr 1 unit
 - Co-Curr ½ unit
 - Co-Curr ½ unit

→ (C) → Concurrent prerequisite (a prereq. that can be taken concurrently)

* Take 14 cr. min. w/ MA2321/3521

Study Abroad 101:
<https://www.mtu.edu/honors/study-abroad/program/>

Attend Career Events early on:
 Semester 5 or 6 is good to co-op.
<https://www.mtu.edu/career/students/>

1) 2) 3) 4) 5) 6) See notes on reverse side.

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

Total 128
 plus 3 units co-curricular activities

Michigan Tech Advising Syllabus

Mission: *Advisors and students working together to develop an individualized academic plan for accomplishing student goals*

Definition of Advising

Academic Advising is a relationship and a process that results in benefits for student, advisor, and university as a whole. The advisor and student collaborate to develop, follow, and complete an academic plan. A productive advising relationship will help students envision, foster, and realize their goals here at Michigan Tech and for a lifetime.

Student Learning Outcomes

- Knowledge of university student learning goals and degree requirements
- A thorough understanding of your academic plan
- Ability to find and use advising resources
- Increased and improved self-awareness and decision-making skills

Student Responsibilities (What you should do)

- Take responsibility for academic planning
- Understand learning goals and degree requirements
- Follow academic procedures and policies
- Communicate with your advisor: read all advising correspondence
- Attend advising meetings prepared
- Apply advising recommendations in order to achieve your academic plan
- Seek assistance from instructors, learning centers, and other university services
- Contact your advisor promptly when you have questions or concerns
 - When faced with a difficult question or challenging situation, your academic advisor is always a good place to begin
- Problem-solve to revise and achieve your academic plan

Activities (How advisors and students realize outcomes and goals)

- Identify a degree program that aligns with your academic interests and abilities
- Create an educational plan that fulfills the academic plan
- Select appropriate classes to satisfy your evolving goals
- Learn the benefits of internships, co-ops, and study abroad
- Explore academic options: Enterprise program, undergraduate research, Pavlis Honors College, dual majors, secondary degrees, minors, and graduate study
- Locate and use resources and services
- Interpret university requirements, policies, regulations, and procedures
- Develop decision-making skills, self-awareness, and self-direction
- Clarify and evaluate progress toward academic and life goals

Advisors advocate for students, protect and ensure their privacy and their rights as advisees in compliance with University policies

- www.mtu.edu/deanofstudents/students/disability/policy/
- www.mtu.edu/registrar/faculty-staff/ferpa/
- www.mtu.edu/registrar/students/advising/

Student Academic Advising Checklist

<p>Orientation Week <i>preparing for your first semester</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Login to MyMichiganTech and review your transcript <ul style="list-style-type: none"> • Are AP credit and transfer credits correct? <input type="checkbox"/> Meet academic advisor <input type="checkbox"/> Complete class registration and print class schedule <input type="checkbox"/> Explore Campus Resources and visit these websites <ul style="list-style-type: none"> • Your department and advisor • Undergraduate Catalog - www.mtu.edu/catalog/ • Dean of Students - www.mtu.edu/deanofstudents/ • Registrar - www.mtu.edu/registrar/ • Advising - www.mtu.edu/registrar/students/advising/ • Library - www.mtu.edu/library/ - take a library tour • Wellness and Counseling - www.mtu.edu/counseling/
<p>Year 1 <i>transitioning and adjusting to college life</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Attend first year advising meeting with your major advisor <ul style="list-style-type: none"> • What to do if you are unsure about your major, meet with <ul style="list-style-type: none"> - General sciences/arts undeclared advisor: www.mtu.edu/sciences-arts/undergraduate/gsa/ or - General/undecided engineering advisor: www.mtu.edu/ef/degree/advising/ <input type="checkbox"/> Review major requirements <ul style="list-style-type: none"> • Run interactive audit each semester after registration - www.mymichigantech.mtu.edu <input type="checkbox"/> Review Academic Policies and Academic Integrity - www.mtu.edu/deanofstudents/ <input type="checkbox"/> Review University Student Learning Goals and your major's learning goals <ul style="list-style-type: none"> • www.mtu.edu/learning-goals <input type="checkbox"/> Visit Career Services - www.mtu.edu/career/ <ul style="list-style-type: none"> • Go to Career Cruising 'Explore my Interests' - www.mtu.edu/career/students/advising/career-cruising/ <input type="checkbox"/> Create a resume and attend career fairs <input type="checkbox"/> Begin to explore Pavlis Honors College, internship, co-op, research, study abroad, minors <input type="checkbox"/> Learn about campus activities and student organizations <ul style="list-style-type: none"> • www.involvement.mtu.edu/organizations
<p>Year 2 <i>academic and career exploration and personal development</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Meet with advisor, bring your academic plan <ul style="list-style-type: none"> • Run interactive audit each semester after registration - www.mymichigantech.mtu.edu <input type="checkbox"/> Explore interests, strengths, and careers <ul style="list-style-type: none"> • Within your department & network with faculty in your major • Career Services - www.mtu.edu/career/ <input type="checkbox"/> Update your resume and attend career fairs <input type="checkbox"/> Explore/Participate Pavlis Honors College, internship, co-op, research, study abroad, minors <input type="checkbox"/> Consider joining an Enterprise - www.mtu.edu/enterprise/
<p>Year 3 <i>academic enhancement and career goal setting</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Run interactive audit each semester after registration - www.mymichigantech.mtu.edu <input type="checkbox"/> Meet with advisor to prepare for graduation <input type="checkbox"/> Network with faculty in your major <input type="checkbox"/> Attend Career Services and Graduate School workshops for career planning <ul style="list-style-type: none"> • Consider Accelerated Masters - www.mtu.edu/accelerated/ • Consider Senior Rule Classes - www.mtu.edu/registrar/students/registration/policies/senior-rule/ <input type="checkbox"/> Develop career goals <input type="checkbox"/> Explore/Participate Pavlis Honors College, internship, co-op, research, study abroad, minors <input type="checkbox"/> Update resume and attend career fairs
<p>Final <i>transitioning out of college into career or graduate school</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Apply for graduation by 10th week of the semester prior to graduation <ul style="list-style-type: none"> • Must have earned 90 credits or more • www.mtu.edu/registrar/students/graduation/degree/ <input type="checkbox"/> Meet with advisor for final degree audit one semester before graduation <ul style="list-style-type: none"> • Run interactive audit each semester after registration - www.mymichigantech.mtu.edu <input type="checkbox"/> Network with faculty in your major <input type="checkbox"/> Finalize career/graduate school plans <ul style="list-style-type: none"> • Complete the First Destination survey - https://mtu.joinhandshake.com/login • Complete Loan Exit Counseling for Financial Aid, if needed - 906-487-2662 <input type="checkbox"/> Graduation <ul style="list-style-type: none"> • Check for your name on the Graduation Candidate List - www.mtu.edu/commencement/ • Order cap and gown, honor cords - <i>Optional</i> - www.mtu.edu/commencement/ • Participate in commencement ceremony - <i>Optional</i>

When faced with a difficult question or challenging situation, your academic advisor is always a good place to begin