PHYSICS CONCENTRATION

BSEE Photonics Concentration

2018-2019
catalog term: 201808

Electrical Engineering at
Michigan Tech

MA2320 & MA3521, full semester courses, may replace MA2321 and MA3521. Diff Eq is p-req to EE2112. Delays EE2112 (1 sem.) And Photonics sequence (1 year).

Co-curricular courses:
- MA1160/61 (4) Calculus I
- MA2160 (4) Calculus II
- PH1100 (1) Physics I Lab
- PH2100 (3) Physics I
- MA1160 (C)

Hort courses:
- ENG101 (3) ENGR Analysis
- CS1110 (3) Intro C/C++ Programming
- MA1160 (C)
- EN1050 (3) Engr Analysis
- CH1150/51 (4) &/or CH1153 (1) Univ Chem I
- MA1160 (C)
- MA2160 (C)

Spring only:
- CS1111 (3) Intro to Photonics
- EE2111 (3) (Track A)
- EE2174 (4) Digital Logic & Lab
- EE3190 (3) Electronics & Lab
- EE4480 (4) Laser Systems & Apps
- EE4810 (4) Photonics Elective (3)
- EE4820 (4) Photonics Elective (3)
- JS3100 (3) Critical/Creat Thinking core
- Social/Ethical core

HASS elective: EC3400

Choose at least 6 credits of 3000-4999 HASS

GRADUATION Checklist:
1. Apply to graduate 1 or 2 semesters before your last semester. Date:
2. FINAL degree audit review: Meet with the advisor at the end of the semester before your last, after scheduling last set of classes and reviewing your degree audit report:
   Final Audit Date: Advisor check:

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

Concurrent pre-req (a prereq. that may be taken concurrently)

Total 128
plus 3 units co-curricular activities