BS Surveying Engineering (128) + MS Integrated Geospatial Technology (24)

Recommended Course Sequence

- **Fall 1** (15-16)
  - UN 1001 (3) Perspectives on Inquiry
  - UN 2001 (3) Composition: Oral, Written, and Visual
  - BUS 2200 (3) Business Law
  - SU 2000 (2) Introduction to Surveying
  - SU 2050 (3) Plane Surveying
  - CS 1121 or MIS 2100 (3) Intro to Prngm
  - MA 1160 (4) or MA 1161 (5) Calculus with Technology I
  - CH 1150 & CH 1151 (4) University Chemistry I & Lab I
  - PE
  - MA 1100 (1) Physics by Inquiry I
  - PE

- **Spring 1** (16)
  - UN 1002 (4) World Cultures
  - UN 2002 (3) Institutions
  - BUS 2200 (3) Business Law
  - SU 2000 (2) Introduction to Surveying
  - SU 2220 (3) Plane Surveying
  - MA 2160 (4) Calculus with Technology II
  - MA 2320 (2) Elementary Linear Algebra
  - MA 3160 (4) Multivariable Calculus with Technology
  - PH 2100 (3) Univ. Physics I - Mechanics
  - PE

- **Fall 2** (15)
  - UN 2001 (3) Composition: Oral, Written, and Visual
  - BUS 2200 (3) Business Law
  - SU 2260 (3) Survey Computations
  - MA 2320 (2) Elementary Linear Algebra
  - MA 3160 (4) Multivariable Calculus with Technology
  - MA 3710 (4) Engineering Statistics
  - ENG 2120 or ENG 3200 (4)
  - MA 3600 (3) Geospatial Info Technology with Elements of Field Cartography

- **Spring 2** (16)
  - HU 3120 (3) Distribution Supplemental
  - SU 3110 (4) Surveying Field Practice
  - SU 3180 (3) Boundary Surveying Principles
  - ENG 2120 or ENG 3200 (4)
  - MA 3600 (3) Geospatial Info Technology with Elements of Field Cartography
  - PE

- **Fall 3** (16)
  - SU 3250 (3) Geodetic Adjustments Theory
  - SU 3210 (4) Site Planning and Development
  - ENG 2120 or ENG 3200 (4)
  - MA 3600 (3) Geospatial Info Technology with Elements of Field Cartography
  - PE

- **Spring 3** (17)
  - SU 3250 (3) Geodetic Adjustments Theory
  - SU 3210 (4) Site Planning and Development
  - ENG 2120 or ENG 3200 (4)
  - MA 3600 (3) Geospatial Info Technology with Elements of Field Cartography
  - PE

- **Fall 4** (16)
  - SU 4060 (3) Geodesy
  - SU 4100 (3) Geodetic Positioning
  - SU 4140 (3) Photogrammetry
  - SU 4180 (3) Land Subdivision Design
  - PE

- **Spring 4** (16-17)
  - SU 4060 (3) Geodesy
  - SU 4100 (3) Geodetic Positioning
  - SU 4140 (3) Photogrammetry
  - SU 4180 (3) Land Subdivision Design
  - PE

- **Fall 5** (9-13)
  - SU 5xxx (3)
  - SU/FW 5xxx (3-4)
  - SU 5xxx (3)
  - SU 5xxx (3)

- **Spring 5** (9-12)
  - SU 5xxx (3)
  - SU 5xxx (3)
  - SU 5xxx (3)
  - SU 5xxx (3)

30 graduate credits are required.
Six (6) can be double-counted from BS, and an additional 6 credits may be taken as Senior Rule during completion of BS degree.

Depending on the mix of classes taken, the remaining credits to be taken in the fifth year could vary between 18 and 24.

http://www.mtu.edu/registrar/pdfs/HASS-Distribution-List.pdf (requirements for new students starting after August 2008)

This document is to be used as reference only—information found in the University Catalog should be used for final course selection and decisions.