2007-08 BS Surveying Engineering

Fall 1 (16)	Spring 1 (16)	Fall 2 (16)	Spring 2 (16)	Fall 3 (16)	Spring 3 (17)	Fall 4 (17)	Spring 4 (16)	Total 130
UN 1001 (3) Perspectives on Inquiry	UN 1002 (4) World Cultures	UN 2001 (3) Revisions	UN 2002 (3) Institutions	Gen Ed (3) Distribution WC - HU3120	Gen Ed (3) Distribution WC	SU 3150 (3) Principles of Geodesy	Gen Ed (3) Distribution IN	
SU 1500 (1) Data Collection Systems (CAD or tutorial)	SU 2000 (2) Intro to Surveying & GIS	SU 2150 (4) Fundamentals of Surveying	SU 2220 (3) Route & Construction Surveying	Gen Ed (3) Distribution IN	SU 3250 (3) Surveying Measurements & Adjustments	SU 4100 (3) Geodetic Positioning (MA 3710)	FW 3540 (4) Intro to GIS for Natural Resource Mgt	
ENG 1101 (3) Engineering Analysis & Problem Solving	BA 2500 (3) Business Law I	MA 2320 (2) Elementary Linear Algebra	SU 2260 (3) Surveying Computations & Regulations	SU 3110 (4) Surveying Field Practice	Technical Elective (4)	SU 4140 (3) Photogrammetry	SU 4900 (3) Senior Project	
MA 1160 (4) Calculus with Technology I								
CH 1100 (4) General Chemistry	MA 2160 (4) Calculus with Technology II	MA 3710 (3) Engineering Statistics	ENG 2120 (4) Statics & Strength of Materials	SU 3180 (3) Boundary Surveying Principles	CMG 3200 (4) Site Planning & Development	SU 4999 (1) Professional Practice Seminar	SU 4180 (3) Land Subdivision Design	
						FW 2010 (4) Vegetation of North America		
PH 1100 (1) Physics by Inquiry	PH 2100 (3) Physics I	PH 1200 (1) Physics	PH 2200 (3) Physics II	EE 3010 (3) Circuits & Instrumentation	GE 2000 (3) Understanding the Earth	Gen Ed (3) Distribution WC or IN	Technical Elective (3)	
PE	PE	BA 2330 (3) Accounting I		PE	PE	PE	PE	

Technical Electives

CE 3101 – 3
Civil Engineering Materials

CE 3331 - 2
Professional Practice

CE 3332 – 3
Fundamentals of Construction Engrg

CE 3401 - 3
Transportation Engineering

CE 3810 - 4
(ENG 2120 & ENG 3200 & GE 2000)
Soil Mechanics for Engineers

ENG 3200 - 4
(CH 1100 & MA 2160 & PH 2100)
Thermodynamics and Fluid Mechanics

ENT XXXX - variable 1 - 4
Enterprise Project Work

FW 4540 - 3
Remote Sensing of the Environment

GE 4250 - 3
Fundamentals of Remote Sensing

UN 3002 - 2
Co-op Education Laboratory

UN 4000 - 1
Remote Sensing Seminar

See Remote Sensing Minor:
http://www.admin.mtu.edu/emi/students/graduation/audit/200608/imrs.pdf

See Enterprise Minor:
http://www.admin.mtu.edu/emi/students/graduation/audit/200608/entm.pdf