

MichiganTech School of Technology

Academic Planning Sheet 2007-08

BS Construction Management

For your planning convenience, this form is also available on-line at: <http://www.tech.mtu.edu/academic.htm>

Math – Required

Total: 8

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
MA 1032	Data, Functions, and Graphs Plus		f/s/su			4 (0-3-2)
MA 2720	Statistical Methods	MA 1020 or MA 1032 or MA 1031 / non-SMA	f/s/su			4 (0-4-0)

Analytical Physical Sciences (APS) – Required

Total: 4

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
PH 1140	Applied College Physics I	MA 1031 or MA 1032 or MA 1140(C) or MA 1160(C) or MA 1161(C) / SoT majors only	s			3 (3-0-0)
PH 1141	Applied College Physics I Lab	PH 1140 / SoT majors only	s			1 (0-0-2)

APS Electives (Choose 4 credits from the following – Consult with your advisor)

Total: 4

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
CH 1100	General Chemistry		f/s/su			4 (3-0-3)
GE 2000	Understanding the Earth		f/s/su			3 (2-0-3)
GE 2100	Environmental Geology		s			3 (2-0-3)
PH 1200	Physics by Inquiry II	PH 1100 or 1111 or 1141 or 1161	f/s/su			1 (0-0-2)
PH 1240	Applied College Physics II	PH 1140 / SoT majors only	f			3 (3-0-0)

General Education – Required

Total: 13

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
UN 1001	Perspectives on Inquiry	FR	f/s/su			3 (0-3-0)
UN 1002	World Cultures	FR	s/su			4 (3-0-3)
OR	OR					OR
UN 1003 & HU....)	(World Cultures Activities AND 1 yr Foreign Language)	FR	s f/s			1 (0-0-2) 3 (0-3-0)
UN 2001	Revisions: Oral, Written, and Visual Communication	UN 1001 & UN 1002 or UN 1003 / FR,SO	f/s/su			3 (0-3-0)
UN 2002	Institutions	SO	f/s/su			3 (3-0-0)

General Education Distribution Courses (Choose from distribution list - Consult with your advisor)

View course choices: http://www.admin.mtu.edu/em/students/plan/dist_courses.pdf

Total: 15

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
HU 2830	Intro to Speech Communication		f/s/su			3 (0-3-0)
OR	OR					OR
FA 2090	Speech Communication		f/s/su			3 (0-3-0)
						3
						3
						3
						3

Business Electives (Choose 6 credits from the following – Consult with your advisor)

Total: 6

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
BA 2340	Accounting II	BA 2330	f/s/su			3 (3-0-0)
BA 3570	Organized Labor Law (<i>dropped</i>)	UN 2002 / JR,SR	f			3 (3-0-0)
BA 3610	Operations Management	BA 2100 or MA 2710 or MA 2720 or MA 3710	f/s/su			3 (3-0-0)
BA 3620	Project Management	JR,SR	f/s/su			3 (3-0-0)
BA 3700	Organizational Behavior	SO,JR,SR	f/s/su			3 (3-0-0)
BA 3800	Principles of Marketing	SO,JR,SR	f/s/su			3 (3-0-0)

NOTE: This worksheet is for planning purposes and does not supersede university catalog requirements.

Construction Management Major – Required**Total: 66**

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
BA 2330	Accounting I	SO,JR,SR	f/s/su			3 (3-0-0)
BA 2500	Business Law I		f/s/su			3 (3-0-0)
CMG 1000	Intro to Construction Management		f			3 (0-2-2)
CMG 1140	Basic Construction Materials		s			3 (0-2-2)
CMG 2110	Building Utility Systems	PH 1140	s			4 (0-4-0)
CMG 2120	Statics & Strengths of Mat for Constr	PH 1140	s			4 (0-3-2)
CMG 2140	Building Materials and Methods		f			4 (0-3-2)
CMG 2265	Construction Quantity Survey	CMG 1000 & 2140 / SO,JR,SR	s			3 (0-3-0)
CMG 3200	Site Planning and Development	SU 2000 / JR,SR	s			4 (0-3-2)
CMG 3250	Structural Analysis and Design	CMG 2120 or MET 2120 or ENG 2120 / JR,SR	f			3 (0-3-0)
CMG 3265	Construction Cost Estimating	CMG 2265 / JR,SR	f			4 (0-3-2)
CMG 4120	Constr Planning and Scheduling	CMG 3265 / JR,SR	f			3 (0-2-2)
CMG 4210	Construction Project Management	JR,SR	f			4 (0-3-2)
CMG 4300	Construction Finance & Accounting	BA 2330 or BA 2300 & EC 3400 / JR,SR	f			3 (0-3-0)
CMG 4400	Construction Safety Management	JR,SR	f			3 (0-3-0)
CMG 4900	Construction Project Simulation	CMG 3200 & CMG 3250 & CMG 4120 & CMG 4210 & HU 3120 / SR / CMG majors only	s			4 (0-3-2)
EC 3001	Principles of Economics	UN 2002(C) & MA 1032 or MA 1140(C) or MA 1160(C) or MA 1161(C) or MA 1135(C)	f/s/su			3 (3-0-0)
EC 3400	Economic Decision Analysis	UN 2002 / JR,SR / non-SBE	f/s/su			3 (3-0-0)
HU 3120	Technical & Scientific Commun	UN 1002 or UN 1003 / JR,SR	f/s/su			3 (0-3-0)
SU 2000	Introduction to Surveying and GIS		f/s/su			2 (0-1-2)

Technical Electives (Choose 8 credits from the following - Or others as approved by your advisor)**Total: 8**

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
CE 3331	Professional Practice	SO,JR,SR	f/s/su			2 (2-0-0)
CMG 4000	Design-Build Project Delivery	JR,SR	demand			3 (0-3-0)
CMG 4100	Construction Equipment Mgmt	CMG 3265 & EC 3400 / JR,SR	demand			3 (0-3-0)
CMG 4200	Construction Contracts	BA 2500 / JR,SR	demand			3 (0-3-0)
CMG 4999	Professional Practice Seminar	SO,JR,SR	f/s			1-6 (0-0-2)
SU 2150	Fundamentals of Surveying		f			4 (0-2-6)
SU 2220	Route and Construction Surveying	SU 2000 or SU 2150	s			3 (0-3-0)
SU 4180	Land Subdivision Design	SU 3180 or CMG 3200 / JR,SR	s			3 (0-2-1)
UN 3002	Undergraduate Cooperative Education Laboratory	SO,JR,SR / Instructor & Dept Approval / non-Graduate level	f/s/su			2
ENT XXXX	Enterprise Project Work	SO,JR,SR	f/s/su			1-6 (0-0-3)

Free Electives**Total: 3**

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
						3

Total Credits Required:**127****Current Credit Total:****Total Credits Needed:**

Revised 8/24/2007

Co-curricular Activities (Courses may NOT be repeated)View course choices: http://www.aux.mtu.edu/phys-ed/-curricular_classes/co-curricular.htm**Unit Total: 3**

Course	Title	Prerequisites/Restrictions	Offered	Taken	Grade	Credits
						0.5
						0.5
						0.5
						0.5
						0.5

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