

EFFECTIVE: FALL 2009
Curriculum in Construction Science and Management
 Bachelor of Science in Construction Science and Management

First Semester Course				Sem Cr Hrs	Second Semester Course				Sem Cr Hrs
FRESHMAN									
MATH	220	Anal Geom & Calc I		4	ECON	110	Prin of Macroeconomics		3
DEN	210	History of Bldg & Const		3	PHYS	113	General Physics I		4
CNS	100	Const Sci/Mgmt Orientation		1	CE	212	Elem Surveying Engg		3
SPCH	105	Public Speaking IA		2	CNS	320	Construction Materials		2
ENGL	100	Expository Writing I		3			UGE Hum or Soc Sci Elec†		3
CNS	016	Construction Science Seminar		0	CNS	016	Construction Science Seminar		0
				13					15
SOPHOMORE									
CNS	231	Statics A		3	CE	331	Strength of Materials		3
PHYS	114	General Physics II		4	CE	332	Strength of Matls Lab		1
CNS	200	Comp Apps in Engr & Const		2	CNS	321	Const Tech & Detailing		3
ACCTG	231	Acctg for Bus Operations		3	CNS	330	Site Construction		3
ENGL	200	Expository Writing II		3			UGE Hum or Soc Sci Elec		3
CNS	016	Construction Seminar		0			(Upper Level)†		
				15			UGE Hum or Soc Sci Elec		3
							(Upper Level)†		
					CNS	016	Construction Seminar		0
									16
JUNIOR									
CNS	522	Theory of Structures		3	CNS	524	Steel Construction		3
CNS	325	Construction Drawings		3	CNS	540	Const Methods & Equip		3
CNS	536	Water Supply & Plumbing		3	CNS	535	Elect Service & Install		3
CNS	534	Heat & Air Cond		3	ENGL	417	Written Comm for Workplace		3
ARE	537	Acoustic Systems		2	MANGT	390	Business Law I*		3
ARE	310	Intro to CAD		1	CNS	650	Construction Safety		2
STAT	350	Business & Economic Stats*		3	CNS	542	Ethics and Prof Standards		1
CNS	016	Construction Seminar		0	CNS	016	Construction Seminar		0
				18					18
SENIOR									
CNS	523	Timber Construction		2	CNS	528	Concrete & Masonry Const		3
CNS	645	Const Sched & Cost Control		3	CNS	660	Construction Operations		3
CNS	641	Construction Estimating		4	CE	322	Soil & Found Const		3
CNS	642	Const Management		3			Professional Elective		3
		Management Elective*		3			Management Elective*		3
		(General)					(Labor)		
		Professional Elective		2			Management Elective*		3
CNS	016	Construction Seminar		0	CNS	016	Construction Seminar		0
				17					18

Number of hours required for graduation is 130

† Humanities and Social Science Electives are to be selected from the approved catalog list of UGE courses (see Engineering UGE course requirements).

• Management Electives and Professional Electives are to be selected from the approved departmental lists.

* These courses in Statistics and Business & Management require Junior standing.