

Curriculum in Construction Science and Management

Bachelor of Construction Science and Management

Effective Fall 2014

Freshman Year

First Semester	Cr Hrs
CNS 016 CNSM Seminar	0
CNS 100 CNSM Orientation	2
CNS 110 History of Building and Const	3
ENGL 100 Expository Writing I	3
MATH 205 General Calc and Linear Algebra	3
* Humanities or Soc Sci Elective	3
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Second Semester	Cr Hrs
CE 212 Elementary Surveying Engg	3
CNS 016 CNSM Seminar	0
CNS 200 Comp Apps in Engg / Const Sci	2
COMM 105 Public Speaking IA	2
ECON 110 Principles of Macroeconomics	3
PHYS 113 General Physics I	4
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Sophomore Year

Third Semester	Cr Hrs
ACCTG 231 *** Accounting for Business Oper	3
CNS 016 CNSM Seminar	0
CNS 210 Graphic Communication I	1
CNS 220 Construction Materials	2
CNS 231 Statics A	3
ENGL 200 Expository Writing II	3
PHYS 114 General Physics II	4
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Fourth Semester	Cr Hrs
ARE 310 Introduction to AutoCAD	1
CNS 016 CNSM Seminar	0
CNS 321 Graphic Communications II	3
CE 331 Strength of Materials and Analys	3
CE 332 Strength of Materials Laboratory	1
CNS 330 Site Construction	3
MANGT 420 Management Concepts	3
STAT 350 Business and Economic Stats I	3
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Junior Year

Fifth Semester	Cr Hrs
ARE 312 Intro to Building Info Modeling	1
CNS 016 CNSM Seminar	0
CNS 325 Construction Documents	3
CNS 440 Construction Methods & Equip	3
CNS 524 Steel and Timber Construction	3
CNS 535 Electrical Service and Installation	3
CNS 542 Ethics and Professional Stand	1
CNS 550 Construction Safety	2
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Sixth Semester	Cr Hrs
CNS 016 CNSM Seminar	0
CNS 534 Heating and Air Conditioning	3
CNS 536 Water Supply and Plumbing	3
CNS 641 Construction Estimating	3
CNS 642 Construction Management	3
CNS 645 Const Sched and Cost Control	3
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Senior Year

Seventh Semester	Cr Hrs
CNS 016 CNSM Seminar	0
CNS 510 Tech for Mgmt of the Const Proc	2
CNS 528 Concrete and Masonry Const	3
CNS 643 Preconst Services/Design Build	3
CNS 646 Construction Financial Mgmt	2
ENGL 417 Written Comm for the Workplace	3
MANGT 390 Business Law I	3
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Eighth Semester	Cr Hrs
CNS 016 CNSM Seminar	0
CNS 660 Construction Operations	3
** Professional Elective	2
** Professional Elective	2
** Labor Elective	3
** Management Elective	3
* Humanities or Soc Sci Elective	3
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* Humanities and Social Science (H/SS) Electives are to be selected from the official College of Engineering H/SS course list.

** Management Electives, Labor Electives and Professional Electives are to be selected from current, approved Departmental lists. These courses in Business and Management require Junior standing.

*** Accounting requires sophomore standing (30 credit hours).