

**U.A. WHITAKER COLLEGE OF ENGINEERING
BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT (B.S.CM)
123 Credits Total**

Freshman Year						
Summer B	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	ENC 1101	Composition 1	3		Fa, Sp,Su	Maintain 2.0 grade point average throughout your 4 years.
	BCN 1930	Construction Seminar	1		Su	
	XXX XXXX	Social Science*	3		Fa, Sp,Su	
	Total		7			

Semester 1 (Fall Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	MAC 1147	Precalculus	4	MAC 1105	Fa, Sp,Su	Meet with an engineering academic advisor and have a smart plan on file. Smart plans will be completed with the advisor and available to the student.
	ENC 1102	Composition II	3	ENC 1101	Fa, Sp,Su	
	SPC 1608	Effective Speaking	3		Fa, Sp,Su	
	BCN 1251C	Construction Drawing	3	BCN 1930	Fa	
Total		13				

Semester 2 (Spring Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	PHY 2053 & 2053L	College Physics w/ lab	4	MAC 1147	Fa, Sp,Su	Complete PHY 2053C with a minimum grade of "C"
	BCN 1210C	Construction Materials	4		Sp	
	ECO 2013	Principles of Macro Econ	3		Fa, Sp,Su	
	BCN 3255	Graphic Communication in Const	3	BCN 1251C	Sp	
Total		14				

Sophomore Year						
Semester 3 (Fall Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	BCN 2405C	Construction Mechanics	3	PHY 2053 & 2053L and BCN 1210C	Fa	Complete BCN 2405C with minimum grade of "C"
	BCN 3611C	Construction Estimating I	3	BCN 1210C	Fa	
	BCN 4252	Building Information Modeling	3	BCN 3255	Fa	
	ACG 2021	Intro Financial Accounting	3		Fa, Sp,Su	
	XXX XXXX	Humanities *	3		Fa, Sp,Su	
Total		15				

Semester 4 (Spring Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	BCN 3218C	Construction Materials II	3	BCN 2405C	Sp	Complete BCN 3218C with a minimum grade of "C"
	BCN 3590	Sustainable Approach to Const	3	BCN 2405C	Sp	
	BCN 4612C	Estimating II	3	BCN 3611C	Sp	
	STA 2023	Statistical Methods	3	MAT 1033	Fa, Sp,Su	
	BUL 3130	Legal and Ethical Environment of Business	3		Fa, Sp,Su	
Total		15				

***Special Notes:**

Students must earn at least 9 semester hours by attending one or more summer sessions.

Students should be sure one of their social science or humanities include 1 course that is designated with an attribute for College Level Writing Skills (CLWS), 2 courses that are designated with an attribute for Intercultural Knowledge (INKN), and 1 course that satisfies the Civic Literacy requirement. Please be aware that 1 course may satisfy multiple attributes. Example: AML 2010 = Humanities, College Level Writing, and Intercultural Knowledge (GEHM, CLWS, INKN)

*Prerequisites for Coursework (all prerequisites require a minimum grade of C)

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Junior Year						
Semester 5 (Fall Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	BCN 3240C	Construction Methods and Equip	3	BCN 2405C	Fa	Complete BCN 3611C and BUL 3130 with a minimum grade of "C"
	XXX XXXX	Humanities*	3		Fa, Sp,Su	
	GYL 2030C	Environmental Geology	3		Fa, Sp,Su	
	MAN 3025	Principles of Management	3		Fa, Sp,Su	
	BCN 4753C	Construction Finance	3	ACG 2021	Fa	
Total			15			

Semester 6 (Spring Term)	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	BCN 3521C	Electrical Systems	3	PHY 2053 & 2053L and BCN 3240C	Sp	Complete BSN 4612C with minimum grade of "C"
	BCN 3431C	Structures for Const	3	BCN 3218C	Sp	
	BCN 4730	Construction Safety, Health & Env	3	BCN 3590 and GYL 2030C	Sp	
	XXX XXXX	Natural or Social Science*	3		Fa, Sp, Su	
	BCN 4720	Construction Planning and Control	3	BUL 3130	Sp	
Total			15			

Summer	Course	Course Title	CR	Prerequisites*	Offered	Milestone
	BCN 4949 OR BCN 4935	Construction Management Internship or Elective - Must have approval of CM Program Director	3	Requires Approval	Su	
Total			3			

Senior Year						
Semester 7 (Fall Term)	Course	Course Title	CR	Prerequisites	Offered	Milestone
	BCN 4510C	Mechanical Systems	3	PHY 2053 & 2053L	Fa	Make a graduation check appointment with advising. Apply for graduation by the deadline.
	BCN 4423C	Temporary Structures	3	BCN 3431C	Fa	
	BCN 4594	Building Energy Modeling	3	BCN 4730	Fa	
	BCN 4709C	Const Project Management	3	BCN 4720	Fa	
	XXX XXXX	Free Elective	2		Fa, Sp, Su	
Total			14			

Semester 8 (Spring Term)	Course	Course Title	CR	Prerequisites	Offered	Milestone
	IDS 3920	University Colloquium	3		Fa, Sp,Su	
	BCN 4787	Const Capstone	3	BCN 4501C, BCN 4594, BCN 4612C, and BCN 4753C	Sp	
	XXX XXXX	Humanities*	3		Fa, Sp,Su	
	BCN 4740	Construction Law & Contracts	3	BUL 3130	Sp	
Total			12			

Construction Management Common Prerequisites	37
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General Education & Other Required Courses	60
Total Construction Management Credits	63
Total Degree Credits	123

***Special Notes:**
Students must earn at least 9 semester hours by attending one or more summer sessions.

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*Prerequisites for Coursework (all prerequisites require a minimum grade of C)