



MOSS SCHOOL OF CONSTRUCTION
FLORIDA INTERNATIONAL UNIVERSITY
CONSTRUCTION MANAGEMENT FLOWCHART

14

MAC XXXX
Mathematics (3)
See note ⁽¹⁾

BCN 2210
Materials and
Methods (3)

ENC 1101
Writing &
Rhetoric (3)

SLS 1501
Freshman
Experience (1)

Natural Science
Group II (3)
See note ⁽²⁾

Natural Science
Group II lab (1)
See note ⁽²⁾

15

ENC 1102
Writing &
Rhetoric II (3)

BCN 1272
Plans
Interpretation (3)

SPC 2608
Public
Speaking (3)

UCC ⁽³⁾
Humanities
Group I (3)

UCC ⁽³⁾
Humanities
Group II (3)

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ECO 2023
Microeconomics
(3)

BCN 2280
Surveying (3)

PHY 2053
Physics without
Calculus (4)

PHY 2048L
Physics Lab (1)

STA 2023
Business
Statistics (3)

Social Science
(Group I)
AMH 2020 (3) ⁽⁴⁾

14

BUL 4310
Legal Env.
Business (3)

General
Elective ⁽⁵⁾
(2)

BCN 2405
Structural Design
I (3)

BCN 2253
Building
Drawing (3)

ACG 3024
Accounting (3)

15

BCN 3730
Construction
Safety (3)

BCN 3027
Principles of
CM (3)

BCN 3611
Estimating I (3)

BCN 3727
Construction
Sitework (3)

BCN 3720
Scheduling I (3)

15

BCN 4724
Scheduling II (3)

BCN 4612
Estimating II (3)

BCN 3762
Building Codes
(3)

BCN 3761 ⁽⁴⁾
Construction
Documentation (3)

BCN 4431
Structural
Design II (3)

15

BCN 4561
Environmental
Control I (3)

BCN 4465
Temp
Structures (3)

BCN 4703
Mgmt of CM
projects (3)

BCN 3740
Legal Aspects
(3)

Elective ⁽⁵⁾
(3)

15

MAN 3022
Intro to Mgmt
(3)

Elective ⁽⁵⁾
(3)

BCN 3753
Financial Mgmt
(3)

Elective ⁽⁵⁾
(3)

BCN 4910 ⁽⁶⁾
Senior
Project (3)

Comments:

Student Choice Category: _____ GL Foundations: _____ GL Discipline: _____ GRW #1: _____
GRW #2 _____ Summer Req: _____ Civics test: _____ Civics Course Requirement: _____
Flent/Flex: _____

Additional Comments:

⁽¹⁾ Select from MAC 1114 or MAC 1147 or MAC 2233

⁽²⁾ Select one course and lab from Natural Science Group II. See note (3) to access UCC for course options. Suggested options are as follows: AST 2003 & AST 2003L, GLY 1101 & GLY 1101L)

⁽³⁾ University Core Curriculum can be reviewed at: <https://go.fiu.edu/NewUCC>

⁽⁴⁾ AMH 2020 will fulfill GRW/GL/Civics requirement. Effective Fall 2021, students may require the Civics Literacy exam additionally to fulfill this requirement.

⁽⁴⁾ BCN 3949, BCN 3761 & BCN 4570 will fulfill the Discipline-Specific Global Learning (GL) Requirement.

⁽⁵⁾ Electives: Construction Management students require 11 credits of electives including 9 credits of 3000-4000 level BCN courses such as BCN 3443, BCN 3949, BCN 4255C, BCN 4340, BCN 4570 or BCN 4794, and a Student Choice course (such as a Humanity, Math, Natural Science or Social Science).

⁽⁶⁾ Completion of BUL 4310 and all core BCN Courses except BCN 3753 is required to enroll in BCN 4910.

NOTE: A minimum grade of "C" or better required in all required courses and electives including transfer courses.

Total Credits: 120

This flowchart is for Reference Only.

Revised 9/2/2025

BCN Courses with Pre-Requisites

Course #	Course Name	Pre-Requisites	Min. Grade
BCN 1272	Plans Interpretation	None	C
BCN 2210	Construction Materials & Methods	None	C
BCN 2253	Building Drawing	BCN 1272	C
BCN 2405	Structural Design I	PHY 2053, PHY 2048L, MAC 1147	C
BCN 3027	Principles of Construction Management	None	C
BCN 3443	Introduction to Concrete Industry	None	C
BCN 3611	Construction Cost Estimating I	BCN 1272, BCN 2210	C
BCN 3720	Construction Scheduling I	None	C
BCN 3727	Construction Sitework and Equipment	BCN 2210	C
BCN 3730	Construction Safety	None	C
BCN 3740	Legal Aspects of Construction	BCN 3027	C
BCN 3753	Financial Management of Construction Organ.	ACG 3024	C
BCN 3761	Const. Documentation & Communication	BCN 1272	C
BCN 3762	Building Codes and Quality Control	BCN 2210, BCN 3027	C
BCN 3949 (*)	CM Industry Internship	Department Consent	P
BCN 4255C (*)	Building Informatics Modeling	BCN 2253, BCN 3611, BCN 3720	C
BCN 4431	Structural Design II	PHY 2053, PHY 2048L, BCN 2210, BCN 2405	C
BCN 4465	Temporary Structures in Construction	PHY 2053, PHY 2048L, BCN 2210, BCN 2405	C
BCN 4561	Environmental Control in Buildings I	BCN 2210	C
BCN 4570 (*)	Sustainable Approach to Construction	BCN 4561	C
BCN 4612	Construction Cost Estimating II	BCN 3611, BCN 3727	C
BCN 4703	Management of Construction Projects	BCN 3720, BCN 3730, BCN 3611	C
BCN 4724	Construction Scheduling II	BCN 3611, BCN 3720	C
BCN 4794 (*)	Quality Control in Construction	None	C
BCN 4910	Senior Project	BUL 4310 and all required BCN Courses except BCN 3753	C

NOTE: Any student found to be taking a BCN course without its prerequisite or co-requisite will be dropped from the course without a refund.

(*) BCN Elective