

# Cover Sheet: Request 12442

## Construction Management first semester course revision

### Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - APUG Review
Submitter	Sallie Schattner sallieas@ufl.edu
Created	3/21/2018 4:21:42 PM
Updated	4/17/2018 12:36:07 PM
Description of request	This request is to replace 1 credit BCN 1001 Introduction to Construction Management with 1 credit DCP 1001 Creating our Built Environment course to gain a broader understanding of the allied construction management fields and promote collaboration and interdisciplinary work. This change is only for FTIC students. Change majors students who have taken BCN 1001 will not need to take DCP 1001 course.

### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Construction Management 011503000	Raja Issa		3/21/2018
No document changes					
College	Approved	DCP - College of Design, Construction and Planning	Abdol Chini		4/17/2018
construction-management.2018-19.docx					
Associate Provost for Undergraduate Affairs	Pending	PV - APUG Review			4/17/2018
No document changes					
University Curriculum Committee					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

# Major|Modify\_Curriculum for request 12442

## Info

**Request:** Construction Management first semester course revision

**Description of request:** This request is to replace 1 credit BCN 1001 Introduction to Construction Management with 1 credit DCP 1001 Creating our Built Environment course to gain a broader understanding of the allied construction management fields and promote collaboration and interdisciplinary work. This change is only for FTIC students. Change majors students who have taken BCN 1001 will not need to take DCP 1001 course.

**Submitter:** Sallie Schattner sallieas@ufl.edu

**Created:** 4/16/2018 10:47:17 AM

**Form version:** 3

## Responses

### Major Name

*Enter the name of the major. Example: "Mathematical Modeling"*

Response:  
Construction Management

### Major Code

*Enter the two-letter or three-letter major code.*

Response:  
BCN

### Degree Program Name

*Enter the name of the degree program in which the major is offered.*

Response:  
Construction Management

### Undergraduate Innovation Academy Program

*Is this an undergraduate program in the Innovation Academy?*

Response:  
No

### Effective Term

*Enter the term (semester and year) that the curriculum change would be effective.*

Response:  
Fall

### Effective Year

Response:

2019

### **Current Curriculum for Major**

Response:  
See attached document with track changes

### **Proposed Curriculum Changes**

*Describe the proposed changes to the curriculum. If the change is to offer the program through UF Online, please explain and attach a letter of support from the Director of UF Online.*

Response:  
The proposed change is to replace 1 credit BCN 1001 Introduction to Construction Management with 1 credit DCP 1003 Creating our Built Environment course to gain a broader understanding of the allied construction management fields and promote collaboration and interdisciplinary work.

### **Pedagogical Rationale/Justification**

*Describe the rationale for the proposed changes to the curriculum.*

Response:  
To strengthen the understanding of allied construction management fields since they will be working with these disciplines in the profession.

### **Impact on Enrollment, Retention, Graduation**

*Describe any potential impact of the curriculum changes on students who are currently in the major.*

Response:  
No change anticipated

### **Assessment Data Review**

*Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.*

Response:  
Upon completion of the course students will demonstrate their ability to:  
Understand the processes of education and professional practice for the DCP disciplines  
Understand the tools and techniques associated with the DCP disciplines.  
Appreciate the interrelationship of allied professions/disciplines/cultures of architecture, construction management, historic preservation, interior design, landscape architecture, sustainability and the built environment, and urban and regional planning.  
Participate in multidisciplinary teams to collaboratively assemble a project.

### **Academic Learning Compact and Academic Assessment Plan**

*Describe the modifications to the Academic Learning Compact (for undergraduate programs) and Academic Assessment Plan that result from the proposed change.*

Response:  
None



# Construction Management

Bachelor of Science in Construction Management is a four-year program for students interested in careers in construction management, techniques, operations and related areas in the construction industry. The degree draws upon skills in communication and interpersonal relations.

## About this Major

- **College:** Design, Construction and Planning
- **School:** M.E. Rinker, Sr. School of Construction Management
- **Degree:** Bachelor of Science in Construction Management
- **Credits for Degree:** 125
- **Academic Learning Compact**
- **Additional Information**
- **Contact:** 352.273.1180; 304 Rinker Hall
  
- **Related Construction Management Programs**

*To graduate with this major, students must complete all university, college, and major requirements.*

Critical Tracking Model Semester Plan

## Overview

Opportunities for advancement and increasing responsibility exist in all areas of the construction industry, including land development; home building; public building; industrialized building systems; commercial, industrial, marine and heavy construction; underwater development; space-age facilities; materials and equipment sales and installations; and construction product research, development, sales and applications.

## Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites may be used for transfer students.

### Semester 1

- Complete 3 of 14 critical-tracking courses for a total of 9 credits: ACG 2021, BCN 1210, BCN 1251C (or ARC 1301 and ARC 1302), BCN 2405C (or BCN 2400C and BCN 2401C), BUL 4310, ECO 2013, ENC 1102, ENC 3254, MAC 2311, STA 2023, PHY 2053/2053L, PHY 2054/2054L, SPC 2608, SPN 1180
- 2.35 UF GPA required

### Semester 2

- Complete 13 additional credits of critical-tracking courses
- 2.4 UF GPA required

### Semester 3

- Complete 11 additional credits of critical-tracking courses
- 2.45 UF GPA required

### Semester 4

- Complete 15 additional credits of critical-tracking courses
- 2.5 GPA on all attempts of critical-tracking courses
- 2.5 UF GPA required

Minimum grades of C- are required in BCN 1210 and 2405C, ENC 1101, 1102 and 3254, MAC 2311, PHY 2053 and 2054.

# Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

*This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.*

Semester 1	Credits
<a href="#">BCN 1001 Introduction to Construction Management</a> <a href="#">DCP 1003 Creating our Built Environment</a>	1 3
<b>BCN 1210 Construction Materials</b>	3
BCN 1582 International Sustainable Development	3
<del>ENC 1101</del> <b>ENC 1101 Expository and Argumentative Writing</b> <i>State Core GE-C; if you place out of ENC 1101, take ENC 1102</i>	3
<b>PHY 2053 Physics 1, 4 credits, and</b> <b>PHY 2053L Laboratory for Physics 1, 1 credit</b> <i>State Core GE-P</i>	5
<b>STA 2023 Introduction to Statistics 1</b> <i>GE-M</i>	3
	Total 18
Semester 2	Credits
<b>ECO 2013 Principles of Macroeconomics</b> <i>State Core GE-S</i>	4
<b>ENC 1102 Rhetoric &amp; Academic Research</b> <i>GE-C</i>	3
IUF 1000 What is the Good Life <i>GE-H</i>	3
<b>PHY 2054 Physics 2, 4 credits, and</b> <b>PHY 2054L Laboratory for Physics 2, 1 credit</b> <i>GE-P</i>	5
<b>SPN 1180 Elementary Spanish</b>	3
	Total 18
Semester 3	Credits
<b>BCN 1251C Construction Drawing</b>	3
<b>BCN 2405C Construction Mechanics</b>	4
<b>MAC 2311 Analytic Geometry and Calculus 1</b> <i>State Core GE-M</i>	4
Humanities <i>State Core GE-H ; D</i>	3
	Total 14
Semester 4	Credits
<b>ACG 2021 Introduction to Financial Accounting</b>	4
<b>BUL 4310 The Legal Environment of Business</b>	4
<b>ENC 3254 Professional Writing in the Discipline</b> <i>GE-C</i>	3
<b>SPC 2608 Introduction to Public Speaking</b>	3
	Total 14
Semester 5	Credits
BCN 3027C Principles of Construction Management	3
BCN 3224C Construction Techniques	3
BCN 3255C Graphic Communication in Construction	3
BCN 3431C Structures	3
BCN 3730 Construction Safety, Health and Environment	3
	Total 15
Semester 6	Credits
BCN 3223C Soils and Concrete	3
BCN 3521C Electrical Systems	2

BCN 3611C Construction Estimating 1	3
BCN 3700 Construction Contracts	3
MAN 3025 Principles of Management	4
<i>GE-S</i>	
BCN Elective	2
	Total 17

<b>Semester 7</b>	<b>Credits</b>
BCN 4423C Temporary Structures	3
BCN 4510C Mechanical Systems	4
BCN 4612C Construction Estimating 2	3
BCN 4720 Construction Planning and Control	3
BCN Elective	3
	Total 16

<b>Semester 8</b>	<b>Credits</b>
BCN 3281C Construction Methods Laboratory	2
<i>Surveying</i>	
BCN 4709C Construction Project Management	3
BCN 4787C Construction Capstone Project	3
BCN 4753 Construction Finance	3
Elective	2
<i>BCN or approved</i>	
	Total 13

## **Residential Option**

Building construction students may graduate with a residential option if they choose the option by registration for semester 6.

Required electives:

- BCN 4023 Creating Affordable Housing or REE 4303 or BCN 4237
- BCN 4770 Housing Transactions for Homebuilders or REE 3043 Real Estate Analysis
- BCN 4715C Project Planning and Feasibility or  
A residential project in BCN 4787C Construction Capstone Project

## **Combined BS/MSCM and BS/MCM Degree Programs**

The combined-degree programs require the same freshman, sophomore and junior course requirements as the B.S.C.M. program. The senior-year courses vary, as follows:

<b>Semester 7</b>	<b>Credits</b>
BCN 4423C Temporary Structures	3
BCN 4510C Mechanical Systems	4
BCN 4612C Construction Estimating 2	3
BCN 4720 Construction Planning and Control	3
Graduate-level elective	3
	Total 16

<b>Semester 8</b>	<b>Credits</b>
BCN 3281C Construction Methods Laboratory <i>Surveying</i>	2
BCN 4753 Construction Finance	3
BCN 5705C Project Management for Construction	3
BCN 5789C Construction Project Delivery	3
Graduate-level elective	2
	Total 13

<b>Summary</b>	<b>Credits</b>
Fifth Year Additional Credits for M.S.C.M	18
Total Credits for M.S.C.M.	143
Fifth Year Additional Credits for M.C.M.	24
Total Credits for M.C.M.	149

### **Related Construction Management Programs**

- Combined Degree
- Construction Management certificate
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