

Cover Sheet: Request 15329

Construction Management lower division curriculum change

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Sallie Schattner sallieas@ufl.edu
Created	10/7/2020 11:03:55 AM
Updated	2/17/2021 1:34:17 PM
Description of request	Changes in accreditation lead the School to review the curriculum. It was determined that some courses would still be helpful and relevant for students in the major but didn't need to be required tracking courses. Giving the students flexibility to choose electives that would fit their current career path or interests.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Construction Management 15030000	Raja Issa		10/7/2020
No document changes					
College	Approved	DCP - College of Design, Construction and Planning	Abdol Chini		1/22/2021
BSCM lower division change.updated2.docx					
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		1/22/2021 2/17/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/17/2021
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 15329

Info

Request: Construction Management lower division curriculum change

Description of request: Changes in accreditation lead the School to review the curriculum. It was determined that some courses would still be helpful and relevant for students in the major but didn't need to be required tracking courses. Giving the students flexibility to choose electives that would fit their current career path or interests.

Submitter: Abdol Chini chini@ufl.edu

Created: 1/22/2021 10:48:44 AM

Form version: 2

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:
BC

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:

2021

Current Curriculum for Major

Response:

Semester One Credits

BCN 1210

Construction Materials (Critical Tracking) 2 3

BCN 1582

International Sustainable Development (Gen Ed Social and Behavioral Sciences and International) 3

DCP 1003

or BCN 1001

Creating our Built Environment

or Introduction to Construction Management 1

ENC 1101

Expository and Argumentative Writing (State Core Gen Ed Composition) 1, 2
3

PHY 2053

& 2053L

Physics 1

and Laboratory for Physics 1 (Critical Tracking; State Core Gen Ed Physical Sciences) 2
5

STA 2023

Introduction to Statistics 1 (Critical Tracking; Gen Ed Mathematics) 3
Credits 18

Semester Two

ECO 2013

Principles of Macroeconomics (Critical Tracking; State Core Gen Ed Social and Behavioral Sciences) 4

ENC 1102

Argument and Persuasion (Critical Tracking; Gen Ed Composition) 2 3

IDS 1161

What is the Good Life (Gen Ed Humanities) 3

PHY 2054

& 2054L

Physics 2

and Laboratory for Physics 2 (Critical Tracking; Gen Ed Physical Sciences) 2
5

SPN 1180

Elementary Spanish: Review and Progress (Critical Tracking) 3
Credits 18

Semester Three

BCN 1251C

Construction Drawing (Critical Tracking) 3

BCN 2405C

Construction Mechanics (Critical Tracking) 2 4

MAC 2311

Analytic Geometry and Calculus 1 (Critical Tracking; State Core Gen Ed Mathematics) 2
4

State Core Gen Ed Humanities with Diversity

3

Credits 14

Semester Four

ACG 2021

Introduction to Financial Accounting (Critical Tracking) 4

BUL 4310

The Legal Environment of Business (Critical Tracking) 4

ENC 3254

Professional Writing in the Discipline (Critical Tracking; Gen Ed Composition) 2

3	
SPC 2608	
Introduction to Public Speaking (Critical Tracking)	3
Credits	14
Semester Five	
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 the Environment	3
Credits	15
Semester Six	
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 (Gen Ed Social and Behavioral Sciences)	4
BCN elective	2
Credits	17
Semester Seven	
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
Credits	16
Semester Eight	
BCN 3281C	
Construction Methods Laboratory (Surveying)	2
BCN 4709C	
Construction Project Management	3
BCN 4787C	
Construction Capstone Project	3
BCN 4753	
Construction Finance	3
Elective (BCN or approved)	2
Credits	13
Total Credits	125

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:

*See attached document with track changes.

Critical Tracking records each student's progress in courses that are required for progress toward 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 9 critical-tracking courses: ACG 2021, BCN 1210, BCN 1251C (or ARC 1301 and ARC 1302), BCN 2405C, BUL 4310, ECO 2013, , ENC 3254, STA 2023, PHY 2053/PHY 2053L, ,
- 2.35 UF GPA required

SEMESTER 2

- Complete 1 additional critical-tracking courses
- 2.4 UF GPA required

SEMESTER 3

- Complete 2 additional credits of critical-tracking courses
- 2.45 UF GPA required

SEMESTER 4

- Complete 3 additional critical-tracking courses
- 2.5 GPA on all attempts of critical-tracking courses
- 2.5 UF GPA required

SEMESTER 5

- Complete BCN 3730

SEMESTER 6

- Complete BCN 3700

SEMESTER 7

- Complete BCN 4612C

SEMESTER 8

- Complete BCN 4787C

Semester One Credits

BCN 1210

Construction Materials (Critical Tracking) 2 3

DCP 1003

or BCN 1001

Creating our Built Environment

or Introduction to Construction Management 1

ENC 1101

Expository and Argumentative Writing (State Core Gen Ed Composition) 1, 2

3

PHY 2053

& 2053L

Physics 1

and Laboratory for Physics 1 (Critical Tracking; State Core Gen Ed Physical Sciences) 2

5

STA 2023

Introduction to Statistics 1 (Critical Tracking; Gen Ed Mathematics) 3

Credits 15

Semester Two

ECO 2013

Principles of Macroeconomics (Critical Tracking; State Core Gen Ed Social and Behavioral Sciences) 4

ENC 1102 or

LIT 2110 or

AML 2070 Argument and Persuasion (Gen Ed Writing) 2

3

IDS 2935

Quest 1 (Gen Ed Humanities) 3

Choose one

Physical Science course (Gen Ed Physical Sciences) 2 3
Choose one
Any SPN course, SPC course, COM course, or general education course
3

Credits 16

Semester Three

BCN 1251C

Construction Drawing (Critical Tracking) 3

BCN 2405C

Construction Mechanics (Critical Tracking) 2 4

MAC 2311 or MAC 2233 Analytic Geometry and Calculus 1 4

State Core Gen Ed Humanities with Diversity

IDS 2935 Quest 2 (Gen. Ed. Bio/Phys Science or Social Science) 3

3

Credits 17

Semester Four

ACG 2021

Introduction to Financial Accounting (Critical Tracking) 4

BUL 4310

The Legal Environment of Business (Critical Tracking) 4

ENC 3254

Professional Writing in the Discipline (Critical Tracking; Gen Ed Composition) 2

3

Choose one

Any SPN course, SPC course, COM course, or general education course or BCN 1582

3

Credits 14

Semester Five

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 the Environment 3

Credits 15

Semester Six

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 (Gen Ed Social and Behavioral Sciences) 4

BCN elective 3

Credits 18

Semester Seven

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
Credits	16
Semester Eight	
BCN 3281C	
Construction Methods Laboratory (Surveying)	2
BCN 4709C	
Construction Project Management	3
BCN 4787C	
Construction Capstone Project	3
BCN 4753	
Construction Finance	3
Elective (BCN or approved)	3
Credits	14
Total Credits	125

UF Online Curriculum Change

Will this curriculum change be applied to a UF online program as well?

Response:

No

Pedagogical Rationale/Justification

Describe the rationale for the proposed changes to the curriculum.

Response:

Changes in accreditation lead the School to review the curriculum. It was determined that some courses would still be helpful and relevant for students in the major but didn't need to be required tracking courses. Giving the students flexibility to choose electives that would fit their current career path or interests.

Impact on Enrollment, Retention, Graduation

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

Response:

Hope more flexibility in courses required for the major will assist with students graduating in four years even if they change majors. Also help to increase enrollment.

Assessment Data Review

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

Response:

Program Goal 1 - Total number of students enrolled. Construction management is a found major. We receive several change majors. Some students do not change majors after reviewing all of our required /tracking and realizing they may go into excessive hours if they change majors or have to complete several additional courses just to apply for our upper division degree program. Our School's accrediting body (ACCE) changed some of their requirements for coursework enabling the School to review it's curriculum and make changes to better serve the students and give them flexibility to choose elective courses that better suit their career path or interests.

Program Goal 3 - Total number of students graduating - Courses also being revised to assist with

more of our students obtaining four year graduation even if they changed majors.

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:

Since we are an upper division limited access degree program, the courses listed on the ALC and the assessment plan will not change.

Catalog Copy

Submitter agrees to prepare and upload document showing the catalog copy with the current and proposed curricula edited using the "track changes" feature in Word.

Response:

Yes

Critical Tracking records each student's progress in courses that are required for progress toward 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 ~~332~~ of ~~449~~ critical-tracking courses ~~for a total of 9 credits~~:
[ACG 2021](#), [BCN 1210](#), [BCN 1251C](#) (or [ARC 1301](#) and [ARC 1302](#)),
[BCN 2405C](#), [BUL 4310](#), [ECO 2013](#), ~~[ENC 1102](#)~~, [ENC 3254](#), ~~[MAC 2311](#)~~,
[STA 2023](#), [PHY 2053/PHY 2053L](#), ~~[PHY 2054/PHY 2054L](#)~~, ~~[SPC 2608](#)~~,
~~[SPN 1180](#)~~
- 2.35 UF GPA required

SEMESTER 2

- Complete ~~113~~ additional ~~credits of~~ critical-tracking courses
- 2.4 UF GPA required

SEMESTER 3

- Complete ~~244~~ additional credits of critical-tracking courses
- 2.45 UF GPA required

SEMESTER 4

- Complete ~~4532~~ additional ~~credits of~~ critical-tracking courses
- 2.5 GPA on all attempts of critical-tracking courses
- 2.5 UF GPA required

SEMESTER 5

- Complete [BCN 3730](#)

Credits

SEMESTER 6

- Complete [BCN 3700](#)

SEMESTER 7

- Complete [BCN 4612C](#)

SEMESTER 8

- Complete [BCN 4787C](#)

Semester One		
BCN 1210	Construction Materials (Critical Tracking) ²	3
DCP 1003 or BCN 1001	Creating our Built Environment or Introduction to Construction Management	1
ENC 1101	Expository and Argumentative Writing (State Core Gen Ed Composition) ^{1,2}	3
PHY 2053 & 2053L	Physics 1 and Laboratory for Physics 1 (Critical Tracking ; State Core Gen Ed Physical Sciences) ²	5
STA 2023	Introduction to Statistics 1 (Critical Tracking ; Gen Ed Mathematics)	3
	Credits	15
Semester Two		
ECO 2013	Principles of Macroeconomics (Critical Tracking ; State Core Gen Ed Social and Behavioral Sciences)	4
ENC 1102 or LIT 2110 or AML 2070	Argument and Persuasion (Critical Tracking ; Gen Ed Composition Writing) ²	3
IDS 41612935	What is the Good Life Quest 1 (Gen Ed Humanities)	3
PHY 2054 & 2054L Choose one	Physics 2 and Laboratory for Physics 2 Physical Science course (Critical Tracking ; Gen Ed Physical Sciences) ²	3 <u>3</u>
SPN 1180 Choose one	Any SPN course, SPC course, COM course, or general education course Elementary Spanish: Review and Progress (Critical Tracking)	3
	Credits	18 <u>6</u>

Semester Three		
BCN 1251C	Construction Drawing (Critical Tracking)	3
BCN 2405C	Construction Mechanics (Critical Tracking) ²	4
MAC 2311 or MAC 2233	Analytic Geometry and Calculus 1- (Critical Tracking; State Core Gen Ed Mathematics) ²	4
	State Core Gen Ed Humanities with Diversity	3
IDS 2935	Quest 2 (Gen. Ed. Bio/Phys Science or Social Science)	3
	Credits	17
Semester Four		
ACG 2021	Introduction to Financial Accounting (Critical Tracking)	4
BUL 4310	The Legal Environment of Business (Critical Tracking)	4
ENC 3254	Professional Writing in the Discipline (Critical Tracking; Gen Ed Composition) ²	3
SPC 2608	Introduction to Public Speaking (Critical Tracking)	
Choose one	Any SPN course, SPC course, COM course, or general education course or BCN 1582	3
	Credits	14
Semester Five		
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 the Environment	3
	Credits	15
Semester Six		
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 (Gen Ed Social and Behavioral Sciences)	4
BCN elective		3
	Credits	18
Semester Seven		
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
	Credits	16
Semester Eight		
BCN 3281C	Construction Methods Laboratory (Surveying)	2

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BCN 4709C	Construction Project Management	3
BCN 4787C	Construction Capstone Project	3
BCN 4753	Construction Finance	3
Elective (BCN or approved)		32
	Credits	143
	Total Credits	125