

BUILDING CONSTRUCTION CURRICULUM MODEL

C A D C
S I G D
B S C I
A P L A

PRE-PROFESSIONAL PROGRAM - FIRST YEAR

FALL

COURSE NO.	COURSE NAME	HRS.
BSCI 1100	Introduction to Construction*	3
MATH 1610	Calculus I*	4
ENGL 1100	English Composition I*	3
HIST 1010	World History 1	3
Philosophy Core		3
TOTAL CREDIT HOURS		16

SPRING

COURSE NO.	COURSE NAME	HRS.
BSCI 2300	Construction Methods and Materials*	3
HIST 1020	World History 2	3
ENGL 1120	English Composition II*	3
PHYS 1500	General Physics I*	4
TOTAL CREDIT HOURS		13

Students are required to complete ALL 20 courses within the pre-professional program (approximately 4 semesters) before they will be allowed to begin the BSCI professional program. Entrance into the professional program is based off of a student's formula GPA and space restrictions per semester.

* Formula GPA class

PRE-PROFESSIONAL PROGRAM - SECOND YEAR

FALL

COURSE NO.	COURSE NAME	HRS.
BSCI 2200	Construction Documents*	3
ECON 2030	Principles of Macroeconomics	3
ACCT 2810	Fundamentals of Accounting*	3
PHYS 1510	General Physics II	4
Fine Arts Core		3
TOTAL CREDIT HOURS		16

SPRING

COURSE NO.	COURSE NAME	HRS.
BSCI 2400	Structures for Building I*	3
Literature Core		3
ECON 2020	Principles of Microeconomics	3
COMM 1000	Public Speaking*	3
ACCT 2700	Business Law	3
TOTAL CREDIT HOURS		15

The BSCI professional program selects the students into the professional program each semester.

Fall 30 Students

Spring 60 Students

Summer 30 Students (Co-op Track)

Summer-Fall: Selected in Spring

Spring: Selected in Fall

PROFESSIONAL PROGRAM - THIRD YEAR

FALL

COURSE NO.	COURSE NAME	HRS.
BSCI 3440	Structures for Buildings 2	3
BSCI 3600	Construction Estimating ▶	4
BSCI 3500	Construction Information Technology I	3
BSCI 3200	Construction Communication	3
BSCI 3700	Construction Safety	3
TOTAL CREDIT HOURS		16

SPRING

COURSE NO.	COURSE NAME	HRS.
BSCI 3660	Preconstruction & Project Management ▶	4
BSCI 4700	Mechanical Systems in Buildings	3
BSCI 4750	Electrical Systems in Buildings	3
BSCI 3800	Contracting Business	4
TOTAL CREDIT HOURS		14

*** See advisor for approved construction electives.

▶ Professional Fee Charged

SUMMER SESSION

SUMMER

BSCI 3300 Field Surveying (2) is required for all students accepted to the Professional Program (Fall, Spring, and Summer). For students accepted for the Fall and Spring semesters, the course will be taken during the break between Spring and Summer semesters. For students accepted for the Summer semester, the course will be taken during the Summer Semesters. All students MUST take the course during the designated time.

PROFESSIONAL PROGRAM - FOURTH YEAR

FALL

COURSE NO.	COURSE NAME	HRS.
BSCI 4610	Scheduling & Field Operations ▶	4
BSCI 4500	Construction Information Technology 2	3
BSCI 4350	Construction Project Analysis	3
BSCI 4360	Construction Field Lab	2
MNGT 3100/3810	Principles of Management/Management Foundations	3
TOTAL CREDIT HOURS		15

SPRING

COURSE NO.	COURSE NAME	HRS.
BSCI 4850	Construction Law and Risk Management	3
Construction Elective ¹ ***		3
BSCI 4990	Thesis ▶	4
Construction Management Elective ² ***		3
UNIV 4AA0-AR1	Undergraduate Graduation	0
TOTAL CREDIT HOURS		13

▶ Professional Fee Charged

*** See advisor for approved construction electives.

DEGREE TOTAL: 120 HOURS