

Building Science (BSCI)

Auburn's Bachelor of Science in Building Construction (BSCI) Program is a four-year ACCE accredited program focused on construction management including specialized training in estimating, scheduling, project management, safety, surveying, sustainable construction, and structures. The Building Construction Program is unique due to its leading-edge information technology applications emphasis. This combination provides graduates a comprehensive foundation for success. International study opportunities allow students to have exposure to global practices in construction science. Admission criteria can be found below the curriculum model.

Freshman

Fall	Hours	Spring	Hours
BSCI 1100 Introduction to Construction	3	BSCI 2300 Construction Methods and Materials	3
ENGL 1100 English Composition I	3	HIST 1020/1027 World History II	3
HIST 1010/1017 World History I	3	ENGL 1120 English Composition II	3
Philosophy Core	3	PHYS 1500 General Physics I	4
MATH 1150 Pre-Calculus Algebra and Trigonometry	4		
	16		13

Sophomore

Fall	Hours	Spring	Hours
BSCI 2200 Construction Documents	3	BSCI 2400 Structure of Buildings I	3
ECON 2030 Principles of Macroeconomics	3	Core Literature I	3
ACCT 2810 Fundamentals Of Accounting	3	ECON 2020 Principles of Microeconomics	3
PHYS 1510 General Physics II	4	COMM 1000 Public Speaking	3
Fine Arts Core	3	ACCT 2700 Business Law	3
	16		15

Junior

Fall	Hours	Spring	Hours	Summer	Hours
BSCI 3200 Construction Communication	3	BSCI 3800 Contracting Business	4	BSCI 3300 Field Surveying³	2
BSCI 3440 Structure of Buildings II	3	BSCI 4700 Mechanical Systems in Buildings	3		
BSCI 3500 Information and Communication Technology for Construction I	3	BSCI 3660 Preconstruction and Project Management⁴	4		
BSCI 3600 Estimating and Costing⁴	4	BSCI 4750 Electrical Systems in Buildings	3		
BSCI 3700 Construction Safety	3				
	16		14		2

Senior

Fall	Hours	Spring	Hours
BSCI 4350 Construction Project Analysis	3	BSCI 4850 Construction Law and Risk Management	3
BSCI 4360 Construction Field Lab	2	BSCI 4990 Building Science Thesis⁴	4
BSCI 4500 Information and Communication Technology for Construction II	3	Construction Elective¹	3
BSCI 4610 Scheduling and Field Operations⁴	4	Construction Elective¹	3
MNGT 3810 Management Foundations or 3100 Principles of Management ²	3	UNIV 4AA0 Achieve the Creed	0
15		13	

Total Hours: 120¹ **Construction Elective:**

Students can choose from: BSCI 4410, BSCI 4420, BSCI 4710, BSCI 4860, BSCI 4870, BSCI 4880, BSCI 4890, BSCI 4960, BSCI 5450, BSCI 5460, BSCI 5470, BSCI 5830, BSCI 5840, BSCI 5960, BSCI 5970

² MNGT 3100 Principles of Management may be substituted for MNGT 3810 Management Foundations.

³ BSCI 3300 Field Surveying 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.

⁴ Professional Fee Charged

Incoming Freshmen may apply for admission to Auburn University as a Pre-Building Science student. If accepted by the university admission office, they are eligible to enroll as Pre-Building Science students. Transfer students (external) may apply for admission to the Pre-Building Science program during the fall, spring or summer semesters; however, fall and spring semesters are encouraged. All university admissions decisions are made by the university admissions office. Transfer students (internal/on-campus) may enter the Pre-Building Science program during fall, spring, or summer semester and will be accepted on a space-available basis as determined by the school head.

To be considered for admission into the professional Building Science program (BSCI), the student must complete all Pre-Building Science coursework shown in the first two years of the BSCI curriculum model and must have successfully completed a minimum of 60 credit hours. Students must also complete an application for the professional program through the CADC Office of Student Services. Admission is based on rank order of performance based on a formula GPA calculation described in the Building Science Academic Standards and based upon a minimum 2.60 formula GPA. The school reserves the right to limit enrollment in the professional program (BSCI) based on calculated GPA and on available resources. It is possible to have less than the available number of positions filled if applicants do not meet the minimum required 2.60 formula GPA to be eligible for admission consideration.

For the fall and summer semesters, thirty students are chosen in rank order based upon the formula GPA calculation. Please see a CADC advisor for a full copy of the BSCI Academic Standards. For the spring semester, sixty students are chosen in rank order based upon the formula GPA calculation. No preference will be given to either first-time or repeat applicants.

After being admitted into the professional program, any student receiving a grade below a C in any 3000- or 4000-level BSCI course, or any student whose cumulative GPA falls below 2.50, will be reviewed by the School Academic Standards Committee for approval to continue in the program. Any student who is reviewed may be required to repeat a course or to withdraw from the program.