

Building Construction — MBC

The McWhorter School of Building Science offers the Master of Building Construction (MBC).

The McWhorter School of Building Science's non-thesis master of building construction program provides its students with an unparalleled educational experience. From conceptual idea to post-occupancy of facilities, the degree content offers a practical and industry-oriented study of the interdisciplinary and collaborative processes involved in the planning, financing, design, construction and management of the built environment.

Admission to the master of building construction is competitive, and enrollment is limited. The admissions committee considers GRE scores, undergraduate GPA, educational background, letters of recommendation, prior construction industry experience, and other relevant information.

For students holding an accredited undergraduate degree in construction, the MBC curriculum consists of 35 semester hours of academic credit, including a core of BSCI graduate courses (17 credit hours), electives (15 credit hours) and capstone (3 credit hours), taken over a period of three academic terms beginning in the fall of each year.

Students with undergraduate degrees in areas other than construction are given conditional admission to the program, and are required to take a series of five foundation courses (14 credit hours) commencing the summer term prior to fall admission. Upon successful completion of these classes, they are formally admitted to the 35 credit-hour MBC program.

MBC Degree Requirements

Foundation Courses

Offered in Summer and required for students with undergraduate degree in areas other than construction. There are 5 foundation courses worth 14 semester hours of academic credit.

The Core Curriculum

| Code | Title | Hours |
|-----------|--------------------------------|-------|
| BSCI 7020 | Integrated Bldg Proc I | 3 |
| BSCI 7030 | Construction Info Management | 3 |
| BSCI 7040 | Integrated Bldg Proc II | 3 |
| BSCI 7050 | Executive Issues in Constructi | 3 |
| BSCI 7060 | Research Methods in BSCI | 3 |
| BSCI 7950 | Graduate Seminar (I) | 1 |
| BSCI 7950 | Graduate Seminar (II) | 1 |

All classes are three credit hours except graduate seminar which is one credit hour.

Electives

Four building science electives (12 credit hours) and one approved graduate elective (3 credit hours) from any field.

Capstone

BSCI 7980, students are required to undertake a capstone project in their final semester. The purpose of the capstone project is to demonstrate the student's ability to independently explore a new topic, demonstrate appropriate application of the materials, and successfully communicate the information in a professional and academically rigorous format.

Note: Online Master's students are not required to take BSCI 7060 (Research Methods) or BSCI 7950 (Graduate Seminar I and II).

| Code | Title | Hours |
|--|--------------------------------------|-------|
| Building Construction (MBC) - On Campus Program | | |
| BSCI 7020 | Integrated Building Processes I | 3 |
| BSCI 7030 | Construction Information Management | 3 |
| BSCI 7040 | Integrated Building Processes II | 3 |
| BSCI 7050 | Executive Issues in Construction | 3 |
| BSCI 7060 | Research Methods in Building Science | 3 |

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|--|-----------------------|------------|
| BSCI 7950 | Graduate Seminar (I) | 1 |
| BSCI 7950 | Graduate Seminar (II) | 1 |
| BSCI 7980 | Capstone Project | 3 |
| Select 15 Credits in @ 6000-8999 (Electives) | | 15 |
| Total Hours | | 35* |

* Does not include credit hours for foundation courses which are required for students with an undergraduate degree in a non-construction discipline.

| Code | Title | Hours |
|--|-------------------------------------|--------------|
| Building Science (MBC) - Online Program | | |
| BSCI 7020 | Integrated Building Processes I | 3 |
| BSCI 7030 | Construction Information Management | 3 |
| BSCI 7040 | Integrated Building Processes II | 3 |
| BSCI 7050 | Executive Issues in Construction | 3 |
| BSCI 7980 | Capstone Project | 3 |
| Select 21 Credits in @ 6000-8999 (Electives) | | 21 |
| Total Hours | | 36 |