

Accelerated Undergraduate/Graduate Degree Program Proposal

Department of Building Construction (BC)

Myers-Lawson School of Construction (MLSoC)

The Department of Building Construction is pleased to submit this proposal for the Graduate School's Accelerated Undergraduate/Graduate Degree Program.

The Accelerated Program to be Offered:

- An accelerated undergraduate/graduate degree in Building Construction

Graduate Degrees included:

- Students who complete the accelerated undergraduate/graduate degree program will earn a Master's of Science in Building Construction Science & Management (MS BCSM) in addition to their undergraduate Bachelor of Science in Building Construction degree.

Admission Criteria:

- Completion of courses associated with the first six semesters of the eight semester undergraduate Building Construction curriculum.
- A minimum cumulative GPA of 3.3 and an in-major GPA of 3.5
- A written statement of Academic and Professional Goals including:
 - Motivation for graduate study
 - Career objectives
- A resume'/CV describing:
 - Work/Research Experience
 - Academic Achievements
 - Honors/Awards
 - Related Courses/Skills
 - Minors and/or Specialty Areas
 - Professional Organizations/Affiliations
- Two letters of recommendation from Primary Faculty in the MLSoC

The Number of Credits to be Double-counted Towards Undergraduate and Graduate Degrees:

- Up to 12 credits of graded coursework may be counted towards both degrees

Process for Identifying Potential Students and Faculty Advisors, and Mentoring During the Program:

- Academically eligible students will be notified of their eligibility for the Accelerated Undergraduate/Graduate Degree Program at the end of their junior year of study.
- Applicants will be required to identify and meet with an interim faculty advisor, who will typically be one of the authors of the student's letters of recommendation who has identified the student as having academic promise.
- Applicants may later choose a different faculty advisor and committee germane to their research interests and area of inquiry if pursuing the research track of the MS BCSM degree.

Tentative Listing of Courses to be Used for Graduate Plans of Study for Students in the Program:

- See Attachment A for the current Plan of Study listing for the M.S. in Building Construction Science and Management. 4xxx-level courses counted for both degrees, up to a maximum of six credit hours, include:
 - BC 4434: Construction Principles I (3 hours)
 - BC 4444: Construction Principles II (4 hours; 3 hours counted)
- Two elective courses for undergraduate track, ordinarily taken at the 4xxx level for undergraduate-only students, will enroll qualifying undergraduate students at the 5xxx level and count for both degrees. These courses include:
 - BC 4334: Sustainable Building Performance Management (enroll in BC 5134: Sustainable Facility Systems)
 - BC 4314: Building Performance & Energy Management (enroll in BC 5314: Applied Building Sciences)
 - BC 4114: Building Information Modeling in Design & Construction (enroll in BC 5114G: Building Information Modeling in Design & Construction)
 - BC 4124: Digital Construction & Manufacturing (enroll in BC 5124G: Digital Construction & Manufacturing)
 - Other cognate choices or free electives at the 5xxx level