

CONSTRUCTION MANAGEMENT



Construction Management at Drexel

Construction management is a dynamic profession, a combination of art, science, and technology. Although an understanding of the technical aspects of construction is extremely important, construction professionals must also know the business and management aspects of the field.

Drexel University's Construction Management major prepares students for all phases of operation and management of the construction organization, including cost estimating, project scheduling, and planning. Students choose from a wide range of subjects in the social sciences and humanities to satisfy electives in the liberal arts and free elective requirements.

Drexel Co-op for Construction Management

A key part of the program is Drexel's prestigious co-operative education program, in which students alternate periods of classroom study with periods of professional work experience. Construction Management students can participate in the following:

- Three Co-op option (Five Years): includes three six-month periods of full-time employment

A Few Drexel Co-op Position Titles

- Assistant Superintendent
- Construction Schedule Analyst
- Estimator
- Project Manager

Employers

Here are some of the companies that have hired Drexel students as co-op or full-time employees:

- Gilbane Building Company
- L.F. Driscoll Construction Company
- Navigant Consulting, Inc.
- Philadelphia Housing Authority

Potential Careers

Construction Manager. Coordinates a venture from its initial development through final construction. Develops a schedule and ensures the project is completed on time and within budget. Obtains necessary licenses and permits and oversees the progress of the project.

Cost Estimator. Prepares information about costs that are necessary for a business to bid on a contract or to determine the profitability of a proposed product. Assembles information about factors that can influence costs such as materials, labor, location, and special machinery requirements, including computer hardware and software.

Project Manager. Develops requirements, budgets, and timetables for a firm's construction plans to ensure that the projects are successful. Determines the tasks to complete, assigns responsibilities to team members, and sees the project through from conception to completion.

Courses You'll Really Enjoy

Techniques of Project Control. Covers planning, scheduling, network systems, and communications required for project control, diagram logic, and claims prevention.

Marketing Construction Services. Applies marketing principles to the construction industry, including development of prime and subcontractors; identification of business opportunities; and market research, practices and strategies.

Construction Management of Field Operations. Covers the decision-making process and quantitative techniques for planning and controlling field operations. Tracks operations from earth moving to materials receiving and handling, storage, and use. Addresses changing techniques and innovations.

Building Codes. Familiarizes students with the content of the International Building Code (emphasizing the non-structural provisions), the purpose and intent of code requirements, and how to apply the code to structures and occupancies. Examines how the code is used as a tool in design and construction and prepares students for the advent of a single model building code planned for the nation.

Learn More: University Catalog

A list of required courses for the Construction Management major is available online at www.drexel.edu/catalog.

Accelerated Degree Options

Accelerated degree programs, such as the BS/MD, BS/PhD in Engineering, BS/JD, and BS/MBA, enable academically qualified students to earn both a bachelor's and an advanced degree, graduating sooner than they would in traditional programs. Eligible students can be admitted to an accelerated degree program in one of two ways: apply as an incoming freshman through Undergraduate Admissions or apply to the Office of Graduate Studies after completing a minimum of 90 credits. To learn more about accelerated degree options, visit www.drexel.edu/em/ug/accelerated.

For More Information

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