



BACHELOR OF SCIENCE


# Construction Management



NEWSCHOOL OF ARCHITECTURE + DESIGN

SAN DIEGO, CALIFORNIA

# Construct Your Career at NewSchool of Architecture & Design



So the project has been given the green light. It's time to move from concept to completion. Yet no matter how creative or inspired the architectural rendering, it simply cannot become an accessible office building, a multipurpose sports arena, a critical transportation corridor, or a safe and sustainable power plant until construction begins.

Backhoes and budget meetings. Cranes and curtain walls. Contracts, codes, and meetings. Materials procurement and management responsibility. Substructures and subcontractors. These are just some of the countless decision-making details, problem-solving challenges, collaborative and oversight activities orchestrated by construction managers, making this one of the most essential professions in the architecture, engineering, and construction industries.



## Construction Management at NewSchool

The Bachelor of Science in Construction Management at NewSchool of Architecture & Design (NSAD) provides courses to help you secure a foundational knowledge in construction management, as well as the fundamentals of science, architecture, and engineering. Plus, you can take courses that can enhance your effectiveness in management, accounting, and communications to help develop the business skills you need to provide leadership in a multidisciplinary working environment.

Whether you're a recent high school graduate or currently working in the industry and looking to expand your career options, take a closer look at NSAD's Construction Management program.

Construction managers, also known as constructors, are inspired by seeing a project come to life. As a result, they thrive on challenge and innovation in their work life. They're born problem-solvers who enjoy working with other professionals and leading teams to bring construction projects to fruition. If this describes you, consider a degree in Construction Management at NSAD.





## Construction Management—Immersive and Multifaceted Curriculum

Large-scale construction projects have a concrete set of interrelated and multistep actions that must be completed on time, on budget, and as specified. The broad range of knowledge and capabilities needed to be a successful construction manager is reflected in NSAD's comprehensive Construction Management curriculum. Students may complete the program in as few as three years.\*

### CURRICULUM AT A GLANCE

Professional Requirements		Professional Requirements (continued)	
ACC251	Financial Accounting (3 cr.)	CM403	Building Integration Management: Thesis (5 cr.)
ACC252	Managerial Accounting (3 cr.)	CM451	Construction Management (3 cr.)
AR101	Design Studio (5 cr.)	CM452	Heavy Civil Construction (3 cr.)
AR103	Design Studio (5 cr.)	CS170	Introduction to MS Office (2 cr.)
AR102	Design Studio (5 cr.)	CS270	CADD I (2 cr.)
AR221	Materials & Methods I (2 cr.)	ECN251	Microeconomics (3 cr.)
AR222	Materials & Methods II (2 cr.)	ECN252	Macroeconomics (3 cr.)
AR223	Statics (2 cr.)	MTH174	Statistics (4 cr.)
AR224	Strength in Materials (2 cr.)		
AR321	Wood Structures (2 cr.)	General Education Requirements	
AR322	Steel Structures (2 cr.)	ENG112	English Composition (3 cr.)
AR323	Concrete Structures (2 cr.)	ENG113	Speech (3 cr.)
AR343	Landscape Architecture (2 cr.)	ENG212	Advanced English Composition (3 cr.)
AR382	City Planning (2 cr.)	ENG213	Business Communication (3 cr.)
AR386	Livable Communities (2 cr.)	ENG411	Advanced Communication (3 cr.)
BUS251	Business Law (3 cr.)	ETH211	Ethics (3 cr.)
BUS252	Principles of Management (3 cr.)	GOL270	Geology (3 cr.)
BUS351	Principles of Real Estate (3 cr.)	MTH113	Analytical Geometry (3 cr.)
CM151	Introduction to Construction (2 cr.)	POL111	Political Science (3 cr.)
CM201	Construction Graphics & Documents (5 cr.)	PSY111	Psychology (3 cr.)
CM202	Fundamentals of Construction (5 cr.)	SCI171	Physics I (4 cr.)
CM301	Residential & Light Commercial (5 cr.)	SCI172	Physics II (4 cr.)
CM302	Commercial Construction (5 cr.)	SOC411	Advanced Sociology (2 cr.)
CM303	Estimating & Project Controls (5 cr.)	SPAN111	Spanish I (3 cr.)
CM331	Green Building (3 cr.)	SPAN112	Spanish II (3 cr.)
CM351	Construction Finance (3 cr.)	SPAN113	Spanish III (3 cr.)
CM352	Construction Accounting (3 cr.)		
CM353	Construction Safety (3 cr.)	Electives	
CM354	Construction Law (3 cr.)	Undergraduate Electives (9 cr.)	
CM401	Design Build (5 cr.)		
CM402	Facilities Management (5 cr.)		

NSAD offers select online General Education courses giving you the flexibility you need to complete required studies.

You can also opt to take these courses on campus. Please visit our website at [www.NewSchoolArch.edu](http://www.NewSchoolArch.edu) to learn more.

\*Note: Time to completion may vary by student, depending on individual progress and credits transferred. For a personalized estimate of your time to completion, contact the Office of Admissions at 800-490-7081.

## The Sky's the Limit for Construction Managers

The construction management career forecast is promising. Jobs are expected to increase 16 percent between now and 2016—much faster than job creation overall.\* For graduates, this demand can lead to opportunities with a variety of owners and construction firms including general, heavy civil, commercial, industrial, and specialty contractors.

Construction management—like architecture—may have once been considered a man's domain, but there are increasing numbers of successful women in the profession—as well as on the construction site. Come learn from, and with, some of these highly driven men and women at NewSchool of Architecture & Design.

Earn your degree at NSAD and envision a future with one of these dynamic career titles:

- + PROJECT MANAGER
- + OWNER'S REPRESENTATIVE
- + ESTIMATOR
- + SCHEDULER
- + ASSISTANT PROJECT MANAGER
- + PROCUREMENT MANAGER
- + CONSTRUCTION CONSULTANT
- + SPECIALTY CONTRACTOR

\*Bureau of Labor Statistics, Occupational Outlook Handbook for Construction Managers, 2008–2009 Edition

### Enroll in Your Future Today!

Join NSAD's exciting program in Construction Management. Invest in your future today by calling 800-490-7081 for more information or by visiting [www.NewSchoolArch.edu](http://www.NewSchoolArch.edu).



## Why NewSchool of Architecture & Design?

Like most NSAD students, you don't just want to learn architecture and design skills. Your goal is to help build a new world for the next generation.

To meet this challenge, NSAD offers what you may need to achieve this goal: A dynamic learning environment with training in classic and proven design principles that can serve as a springboard for your personal creative instincts and design vision.

### Collaboration. Innovation. Experiential Learning.

These principles are central to the NSAD philosophy. Here, your studies will be practical and hands-on, challenging you to learn by doing. Our faculty members are working professionals and thought leaders with established records of achievement. In their daily work and in the classroom, these esteemed educator practitioners demonstrate exactly what it takes to excel in the architecture and design industries.

### Sustainability. Accessibility. Social Relevance.

Once considered "luxuries" for built environments and media, these ideas are built-in components of NSAD's architecture and design curricula. With a degree from NSAD, you'll be prepared to join the ranks of emerging professionals at the leading edge of their fields who are transforming the world through the power of design.

### Prime Location. Local Focus. Global Reach.

Located in sunny San Diego, Calif., NSAD is a highly desirable location for architecture and design students. You'll feel right at home in the heart of downtown, interacting with the city's renowned and inspiring architecture and design professionals who are working to expand the boundaries of the built environment locally and internationally. Plus, San Diego's border location means a global architecture and design perspective quite literally at NSAD's back door. Issues such as urban sprawl, demand for infrastructure investment, pressure on natural environments, an increasingly complicated urban-wild interface, water needs for cities and agriculture, specific problems of coastal developments, as well as political and ecological concerns that emerge from our shared border with Mexico, create a laboratory for experimentation and exploration of urban conditions, both now and into the future.

### Success. Achievement. Purpose.

NSAD's mission is to develop technically competent, aesthetically sensitive and socially conscious professionals prepared to work in a changing, global society. No doubt, that reflects your mission, too. You want your life's work to have purpose and meaning so you can rise to the growing challenges of our complex world. You'll also be glad to know that in 2008–2009, NSAD boasted an average 80% professional placement rate for architecture graduates—a track record bound to help you achieve your ambitions.\*

Take the next step toward your career—check out the Construction Management program at NSAD today. Call 800-490-7081 for more information or visit [NewSchoolArch.edu](http://NewSchoolArch.edu).

\*NSAD 2008–2009 Consumer Fact Sheet

NewSchool of Architecture & Design is affiliated with *Laureate International Universities*, a global network of 45 institutions of higher learning with more than 100 campuses in 20 countries. Through this partnership, NSAD students have unprecedented access to study abroad programs, internships, and opportunities in Europe, Latin America, and Asia.

Accredited Member, ACICS.

NewSchool of Architecture and Design is accredited by the Accrediting Council for Independent Colleges and Schools (ACICS) to award associate's, bachelor's, and master's degrees.

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted a 6-year, 3-year, or 2-year term of accreditation, depending on the extent of its conformance with established educational standards.

Doctor of Architecture and Master of Architecture degree programs may consist of a pre-professional undergraduate degree and a professional graduate degree that, when earned sequentially, constitute an accredited professional education. However, the preprofessional degree is not, by itself, recognized as an accredited degree.

NewSchool of Architecture and Design offers the following NAAB-accredited degree programs:

B. Arch. (235 quarter undergraduate credits)

M. Arch. (pre-professional degree + 90 quarter graduate credits)

M. Arch. (non-pre-professional degree + 135 quarter credits)

M. Arch. (license + pre-professional degree + 45 quarter credits)

Next accreditation visit for all programs: 2016