BS in Design

What is Design?
The BS in Design prepares graduates to function as design professionals, members of design teams, and design team leaders.

There are two concentrations to select from within the BS in Design: Architectural Technology & Mechanical Technology

The Architectural Technology Concentration prepares graduates for careers in architectural and engineering firms, site development, building construction, and related fields. Graduates develop plans, specifications, construction drawings and related architectural and construction documentation. Although not a degree in Architecture, pursuit of a Master of Architecture has also become an option at other institutions.

The Mechanical Technology Concentration prepares graduates for careers in application of machine and mechanical system principles to the development of automated systems and equipment. Graduates often work as a part of an engineering team engaged in the design and development phases of a wide variety of projects involving all aspects of mechanical systems.

Employment:

Salaries: Mean starting salary range: $48,000-60,000

Positions: Professional opportunities upon graduation are most commonly found among the various engineering/industrial and in architectural areas.

These are some professional titles from our alumni:

♦ Assembly Support Engineer ♦ Designer/CAD Operator ♦ Design Drafter
♦ Truss Designer ♦ CNC programmer/draftsperson ♦ Design Engineer
♦ Architectural Designer ♦ Project Scheduler ♦ Foreman Estimator

Professional Certification? The BS in Design offers certification opportunities through ADDA in the architectural and mechanical technology areas

Accreditation: ATMAE

Program Requirements: Catalog

Credit Hours: 120 (average 15 hours per semester without summer to graduate in four years)

Internship Requirement: None, but highly recommended
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Advising Tips

- **Register** for ITEC 2000 or MIS 2223 first, and then register for IENG 2020, 2021 (class and lab) together.

- Register for 15-16 hours your first semester. This ensures that if you need to withdraw from a course, you are still a full time student, which could impact financial aid, residency, your ability to remain in the residence hall, etc.

- We recommend that you take a mix of major courses and general education courses each semester to balance your schedule. This may include 2 to 3 courses with labs, along with other courses.

- This program is not the BS in Engineering, which requires an additional application. IET requires less math and science, but involves many engineering principles that apply to industry.

- Many major courses are offered in spring or fall only, and have prerequisites. When registering, check the course information to be sure you have met any prerequisites.

- You may see other restrictions when registering, including:
  
  - Student Attribute Error/Program Restriction most likely mean that you are attempting to register for an online/DE course, typically section 60x. These are for students in our online programs only.
  
  - Prerequisite: You do not have the prerequisite to take this course