



COLLEGE OF ENGINEERING

The University of Arizona (UA) College of Engineering offers a range of engineering master's degrees. In partnership with Quad Learning, the UA College of Engineering seeks to attract top international students seeking unrivaled opportunities in the field of Engineering.

PROGRAM RANKINGS

- #54** U.S. News & World Report (2018) ranks the UA College of Engineering as the 54th best graduate Engineering school in the United States.
- #26** M.S. Aerospace and Mechanical Engineering
- #63** M.S. Chemical Engineering
- #40** M.S. Civil Engineering & Engineering Mechanics
- #42** M.S. Electrical and Computer Engineering
- #36** M.S. Environmental Engineering
- #24** M.S. Systems & Industrial Engineering and Engineering Management



AEROSPACE AND MECHANICAL ENGINEERING

Aerospace research and graduate programs focus on breakthroughs in flight technology: active flow control systems for more efficient aircraft, task-specific micro and other unmanned aerial vehicles, computational fluid dynamics to predict aircraft performance at subsonic and supersonic speeds, and composite materials for flight vehicles. Mechanical engineering centers on advancing technologies in areas ranging from micromechanical systems to biomorphic tissues to renewable energies. Graduates pursue careers as engineers, inventors, astronauts, professors and industry leaders working at top universities and companies.

CHEMICAL ENGINEERING

With its internationally recognized faculty and diverse programs, the Chemical Engineering program is large enough to cover major academic and research areas yet small enough for individual attention. Chemical engineering researchers at the University of Arizona are creating biodiesels using algae from wastewater; finding new ways to remove, dispose of and encapsulate hazardous waste; tracking aerosols in our atmosphere and particulates in our water; and using nanotechnology to advance semiconductor manufacturing, drug delivery, cancer detection and solar energy.

CIVIL ENGINEERING & ENGINEERING MECHANICS

Students studying Civil Engineering & Engineering mechanics have limitless opportunities to develop sustainable infrastructures—from the ground up. Students are able to get plenty of hands on experience within a multidisciplinary curriculum. Program strengths include detection and mitigation of structural weaknesses, earthquake-proof buildings, water reuse and supply systems, and more.

ELECTRICAL AND COMPUTER ENGINEERING

UA Electrical and Computer Engineering—with its globally recognized faculty, wide spectrum of interdisciplinary research, entrepreneurial opportunities, strong industrial ties and outstanding student support—is ranked among the top programs in the country. With annual external research expenditures exceeding \$7 million USD, the Department of Electrical and Computer Engineering houses multidisciplinary research centers and labs that support internationally recognized research in biomedical technologies, optical computing, autonomic and pervasive computing, wireless communications and networks, sensor networks, and robotic space exploration.

ENVIRONMENTAL ENGINEERING

Students pursuing graduate studies in Environmental Engineering are afforded unrivaled opportunities and experiences, such as developing sustainable water systems in the living laboratory of Arizona's Sonoran Desert. The Environmental Engineering department provides unique opportunities to collaborate with other disciplines within UA's College of Engineering. Collaborations include the Chemical Engineering program, Departments of Soil, Water and Environmental Science, Civil Engineering, and many more.

SYSTEMS & INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT

The Systems & Industrial Engineering department was established in 1961 as the nation's first department of systems engineering. Since then, the SIE department has achieved international prestige for its contributions to the interdisciplinary design of large-scale complex systems involving people, technology and information. Over the years, alumni have found employment in the nation's leading corporations, research institutes, and universities.

ADMISSIONS

APPLICATION DEADLINES

Fall—June 1, 2018

Spring—November 1, 2018

ENTRY REQUIREMENTS

PROGRAM	ENGLISH QUALIFICATION	ACADEMIC QUALIFICATION
Aerospace and Mechanical Engineering	TOEFL iBT: 79+	Completion of undergraduate degree with equivalent cumulative GPA of 3.25/4.00 GRE: Combined scores are expected to be in the top 25th percentile
Chemical Engineering	IELTS: 7.0+ (No Subject Area Score Below 6.0+)	
Civil Engineering & Engineering Mechanics		
Electrical and Computer Engineering**	PTE: 60+	
Systems & Industrial Engineering and Engineering Management	Graduate English Language Endorsement from the UA Center for English as a Second Language (CESL)*	
Environmental Engineering		

*The University of Arizona's Center for English as a Second Language (CESL) offers high-quality English language programs. CESL has been serving the University of Arizona and global communities for almost 50 years.

**GRE: Not required for admission into the Electrical and Computer Engineering program

TUITION AND FEES

Includes comprehensive tuition, fees, room and board, and health insurance.

TUITION & FEES	\$32,462
LIVING EXPENSES	\$14,550
HEALTH INSURANCE	\$1,875
TOTAL AMOUNT	\$48,887

HOW TO APPLY

Apply online at Apply.QuadLearning.com

The Application Fee is waived for all eligible students.

APPLICATION PROCESSING & TIMING

UA College of Engineering will review completed applications referred by Quad Learning (QL) within five business days following submission. QL will provide a formal letter to students recommended for admission within one business day of the College of Engineering's recommendation decision. As per university policy, UA College of Engineering issues recommendations for applicants to the central graduate admissions office, which makes the final admission decision. As a result, processing times from recommendation to final admission decision may vary. The I-20 package will be shipped within three business days of the student submitting all forms and required immigration documentation to UA.



QUAD LEARNING®

For more information or admissions support, please email international@QuadLearning.com