APPLY TO UA ENGINEERING

1. Complete online UA application
2. Specify “Engineering – No Major Selected” as your first choice major
3. Self-report high school classes and grades, including in progress courses
4. Send test scores (ACT or SAT) to the Office of Admissions

arizona.edu/apply – available now!
We want to ensure you will be successful in Engineering at the UA:

- Comprehensive review
- ACT or SAT test scores
- 4 years math & 3 years lab science
- Calculus or pre-calculus senior year
- AP/IB/Honors/Dual-enrollment classes
- Strong GPA in required courses
- Optional information is important!
ABOUT UA ENGINEERING

3.75 core GPA
1350 SAT composite
29 ACT composite

STUDENT PROFILE
615 new freshmen
150 new transfer students
40% out of state
30% women
40% students of color

COLLEGE PROFILE
2800 undergraduate students
15:1 student to faculty ratio
91% first-year retention
650 bachelor of science degrees, 2019
DECLARE A MAJOR IN ENGINEERING

All freshman engineering students admitted “No Major Selected”
Declare a major after minimum of one semester
No “pre-professional” phase
No competitive re-application
No enrollment caps or quotas in individual majors
SOLVE GRAND CHALLENGES & CHANGE THE WORLD IN 1 OF 15 MAJORS

AEROSPACE
ARCHITECTURAL
BIOMEDICAL
BIOSYSTEMS
CHEMICAL
CIVIL
ELECTRICAL & COMPUTER
ENVIRONMENTAL
INDUSTRIAL
MANAGEMENT
MATERIALS
MECHANICAL
MINING
OPTICS
SYSTEMS
**FIRST YEAR FOUNDATIONS**

- Common first year to aid transition
- Math sequence begins with Calculus I
- Create customized schedule at Orientation
- All degrees designed to be completed in 4 years

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FREEDOM TO EXPLORE

ENGINEERING 102 LECTURE SERIES

Meet different majors and departments
Learn from industry professionals
Make connections outside of the classroom
Build your resume and career potential
Plan out your future in academics and industry
Discuss engineering ethics and academic integrity
INTRODUCTION TO DESIGN
Learn the engineering design process
Build communication and presentation skills
Work on a team of peers to create a product

PROJECT BASED LEARNING
Solar Oven Throw Down
Grand Challenges of Engineering
SolidWorks and Excel training
LIVE AND LEARN ON CAMPUS

23 dorm options to choose from
2 theme communities just for engineers!
Pay housing deposit by April 1 for guaranteed housing!

life.arizona.edu
Located in Yuma Hall (2020)
ENGR 197A: 1 unit Success Course along with other introductory cohort classes
Co-curricular activities: resume workshops, challenge course, peer mentorship, STEM club mixer, employer field trips, & more!
Support of fellow ENGR students & RAs
CAMBIUM: A STEM SCHOLARS COMMUNITY

Located in the Honors Village
Open to Honors STEM students
ENGR 196A: 1 unit Introduction to Scholarly Methods course
Facilitation of student-led research project and participation in the Honors College First Year Project Showcase
Opportunity to gain faculty connections and mentorship
ACADEMIC SUPPORT IN REAL TIME

Calculus and Physics study groups for engineers
Designated faculty office hours
Engineering honor societies
Freshman and Major-specific academic advisors
Think Tank tutoring in Math, Science, & English
Supplemental instruction for key coursework
UNDERGRADUATE RESEARCH

UA is proud member of the Association of American Universities (62 nationally)
$23 million in ENGR research expenditures
Cultivate applied science and engineering skills
Build resume, get published, present at conferences
Differentiate yourself for grad school and career
JOIN THE CLUB

SOMETHING FOR EVERYONE

35+ College of Engineering student orgs
Professional societies, student council, service groups
Honor societies & fraternal organizations

DESIGN, BUILD, COMPETE

Put your engineering skills to the test – for bragging rights
Baja Racing, Design/Build/Fly, Rube Goldberg, Concrete Canoe, Autonomous Underwater Vehicle, & more!
REAL-WORLD EXPERIENCE

INTERNSHIPS

Most engineering students will do at least 1 Internship or Co-op
Work on real projects for real companies
Average $20/hour pay
Get a jump start on job searching
WHERE DO OUR ENGINEERS INTERNS?

Garmin International, Arizona
The Boeing Company, Washington
Raytheon Missile Systems, Arizona
NASA Langley Research Center, Virginia
The Walt Disney Company, California
REU in Fluid Mechanics, University of Alabama
Newmont Mining, Colorado
U.S. Department of Agriculture, Illinois
Edmund Optics, New Jersey
Microsoft, Washington
W.L. Gore & Associates, Arizona
General Atomics Aeronautical Systems, California
Tucson Electric Power, Arizona
CAP IT OFF WITH SENIOR DESIGN

SHOW YOUR STUFF

Work with an interdisciplinary team on a real-world project
Receive a 4k budget, mentor, and perhaps a cash prize!
Present final product at annual Senior Design Day

BY THE NUMBERS - 2019

118 design teams
616 students
64 corporate/industry and UA sponsors
120+ technical judges
$35,750 in sponsored prizes
GRADUATION
62% into industry
26% into further education (Law/Medical School, Master’s Program)
3% into Military

CAREER CONNECTIONS
Career Days held bi-annually with STEM specific offerings
Industry Expo – engineering career fair – held annually in spring
Meet top employers and recruiters
Participate in on-campus interviews
WILDCAT ENGINEERS POST-GRADUATION

Software Engineer, Cognizant Technology Solutions
Process Development Engineer, Boston Scientific
Systems Engineer, Honeywell Aerospace
PhD in Materials Science, UCLA
Supply Chain Manufacturing Engineer, PepsiCo/Gatorade
Computer Scientist, Adobe
Satellite Systems Engineer, Lockheed Martin
Mine Engineer, Freeport-McMoRan Inc.
Operations Specialist, Texas Instruments
Technology Innovation Group Engineer, The Walt Disney Studios
Product Engineer, John Deere
Second Lieutenant, United States Air Force
Program Manager, Microsoft
SUMMER ENGINEERING ACADEMY (SEA)

Camp offerings throughout June and July
Work on engineering projects with UA faculty
Make connections with engineering student counselors
Live on-campus and explore UA life
Need-based scholarships available in the spring

2020 camps will be announced in the new year
ARE YOU READY TO BEAR DOWN?

UA College of Engineering

@azengineering
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