



ENGINEERING MAJORS

Spend a semester in Australia and study Engineering through a global lens. At UA Sydney, hosted by University of Technology Sydney, you can choose from a variety of courses to satisfy your degree requirements, including general education with the approval of your academic advisor. To make choosing courses even easier, faculty in the College of Engineering preapproved courses to satisfy many of your engineering major requirements.

The best part is, you'll pay your regular University of Arizona tuition and can use financial aid and scholarships, including **AZ Excellence** and **Wildcat Excellence** awards!

Course availability varies by semester and may be subject to change. Refer to the program webpage for current offerings.

Learn more about *Global Tracks* for your major, connect with your academic advisor, and start your study abroad application by visiting studyabroad.arizona.edu/global-tracks.

UA SYDNEY COURSE	APPLICABILITY TO ENGINEERING MAJORS
37181: Discrete Mathematics	MATH 243: Discrete Mathematics
37335: Differential Equations	MATH 254: Introduction to Ordinary Differential Equations
37336: Vector Calculus & Partial Differential Equations	MATH 223: Vector Calculus
65111: Chemistry 1	CHEM 151: General Chemistry I
65202: Organic Chemistry I	CHEM 241A & 243A: Lectures in Organic Chemistry & Organic Chemistry Lab
65212: Chemistry 2	CHEM 152: General Chemistry II
91161: Cell Biology & Genetics	MCB 181R & MCB 181L: Introductory Biology I & Introductory Biology Laboratory I

Additional questions? We're here to help!
Contact the Study Abroad Team:

Email: studyabroad@arizona.edu
IG & FB: [@uastudyabroad](https://www.instagram.com/uastudyabroad)
Visit: studyabroad.arizona.edu

GLOBAL TRACKS:
Arizona Abroad Locations

UA SYDNEY COURSE	APPLICABILITY TO ENGINEERING MAJORS
33116: Design, Data, & Decisions	ELCR Department Elective, Upper Division May substitute SIE 305: Intro to Engineering Probability & Statistics
41117: Intro to Chemical Process Engineering	CHEE 201: Elements of Chemical & Environmental Engineering I
41160: Introduction to Biomedical Engineering	BME Department Elective, Lower Division May substitute BME 295C: Challenges in Biomedical Engineering
41380: Heat and Mass Transfer + 48641: Fluid Mechanics	CHEE 203: Chemical Engineering Heat Transfer and Fluid Flow *Courses must be taken together to earn this equivalency
41382: Unit Operations	CHEE 303: Chemical Engineering Mass Transfer
41383: Process Simulation	ELCR Department Elective, Lower Division Satisfies Technical or Engineering Elective
41384: Chemical Thermodynamics & Reactor Design	CHEE 420: Chemical Reaction Engineering
41385: Process Dynamics & Control	CHEE 413: Process Control and Simulations
48260: Engineering Project Management	SIE 457: Project Management
48331: Mechanics of Solids	AME 324A: Mechanical Behavior of Engineering Materials
48320: Surveying	CE Department Elective, Lower Division May substitute CE 251: Elementary Surveying
48350: Environmental & Sanitation Engineering	CHEE 300: Introduction to Water Chemistry for Engineers
48352: Construction Materials	CE Department Elective, Upper Division May substitute CE 389: Materials Testing Laboratory
48353: Concrete Design	CE 335: Structural Design in Concrete
48430: Fundamentals of C Programming	ECE 175: Computer Programming for Engineering Applications
48510: Intro to Electrical & Electronic Engineering	ECE 207: Elements of Electrical Engineering
48530: Circuit Analysis & Design	ECE 320A: Circuit Theory
48540: Signals & Systems	ENGR Department Elective, Upper Division Satisfies non-ECE Technical Elective
48821: Environmental Engineering Principles and Practice Studio	CHEE 476: Wastewater Treatment System Design
48840: Water Supply & Wastewater Engineering	CHEE 370R: Environmental Water Engineering