Arizona State University offers the following graduate degrees in materials science and engineering:

**GRADUATE DEGREE PROGRAMS**

Master of Science – Materials Science and Engineering (Thesis; M.S.)

Master of Science in Engineering – Materials Science and Engineering (Non-thesis; M.S.E.)

Doctor of Philosophy – Materials Science and Engineering (Ph.D.)

Admissions

Application and admission information is available online at [graduate.asu.edu](http://graduate.asu.edu)

If you are unable to apply online, please contact:

Arizona State University

Graduate College

Interdisciplinary Bldg, B Wing

Room 170

PO Box 871003

Tempe, AZ 85287-1003

480-965-3521

The following items are required for admission and should be sent directly to the ASU Graduate College:

- Application fee
- Official transcripts from all universities or colleges attended
- Official GRE general test scores
- Official TOEFL scores (international students only)
- Three letters of recommendation
- Resume or CV
- Statement of purpose

Please note that admission requirements vary slightly by the specific degree for which a student is applying. Students should consult their intended degree program for specific requirements as outlined in the online application.

Materials Science and Engineering is ranked 34th nationally among public research institutions and encourages students to explore topics at the boundaries between traditional disciplines. As one of the largest materials science programs in the nation, it offers many opportunities for students to choose mentors from a diverse group of engineering units, as well as from the departments of physics, chemistry and biology. Our research spans a wide range of cutting-edge topics including nanostructures, energy and sustainability.

A strong alumni network helps our students find internships and full employment, both locally and nationally. A number of students in our Master of Science in Engineering program are employed with local companies, and their presence in classes and seminars fosters a strong networking system and serves to build industry-university interactions.

Arizona State University is an institution committed to excellence, access and impact. We measure ourselves by those we include, not by those we exclude.

With more than 68,000 students ASU boasts a student body as diverse as any in the nation, welcoming students from all 50 states and more than 100 nations around the globe. Our size is one of our advantages – it allows us to offer a broader range of learning experiences than most other universities.

ASU assumes major responsibility for the economic, social and cultural vitality of the communities that surround it. The university pursues research that is inspired by real-world application and contributes to the public good, blurring the boundaries that traditionally separate academic disciplines. By breaking the mold, ASU has become a place where local solutions have global impact.
Kyle Squires, Ph.D.
Director
James Adams, Ph.D.
Program Chair
Terry Alford, Ph.D.
Graduate Program Chair

Materials Engineering Graduate Faculty
School of Mechanical, Aerospace, Chemical and Materials Engineering

James Adams
President's Professor
Terry Alford
Professor
Nikhilesh Chawla
Professor
Peter Crozier
Associate Professor
Sandwip Dey
Professor
Cody Friesen
Associate Professor
Ghassan Jabbour
Adjunct Faculty
Stephen Krause
Professor
Jian Li
Assistant Professor
Subhash Mahajan
National Academy of Engineering Member
Regents' Professor
Fulton Technical Fellow
Nathan Newman
Professor
Pedro Peralta
Professor
B.L. Ramakrishna
Associate Professor
John Rowell
Research Professor
Della Roy
Research Professor
Rustum Roy
Research Professor
Karl Sieradzki
Professor
Rakesh Singh
Associate Research Professor
Henry Sodano
Assistant Professor
Amaneh Tasooji
Associate Professor Research
Mark Van Schilfgaarde
Professor

Materials Engineering Graduate Faculty
Ernst Bauer
Distinguished Research Professor
Department of Physics
Hamdallah Bearat
Faculty Research Associate
LeRoy Eyring Center for Solid State Science
Peter Bennett
Professor
Department of Physics

Peter Buseck
Regents' Professor
Department of Chemistry & Biochemistry
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Ralph Chamberlin
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Andrew Chizmeshya
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R. Bruce Doak
Professor
Department of Physics
Jeff Drucker
Professor
Department of Physics
David Ferry
Regents' Professor
School of Electrical, Computer and Energy Engineering
Stephen Goodnick
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School of Electrical, Computer and Energy Engineering
Devens Gust
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Department of Chemistry & Biochemistry
Ulrich Haussermann
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Department of Physics
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Department of Physics
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Barzin Mobasher
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