Welcome

TO MATERIALS SCIENCE AND ENGINEERING AT THE GRAINGER COLLEGE OF ENGINEERING!

By choosing MatSE at Illinois, you’re joining a department that sets a standard of excellence in fast-charging batteries, flexible electronic devices and sustainable self-healing composites. Join us and contribute to society by making materials recyclable, manufacturing energy-efficient, computers more quantum and drug delivery more precise. Our graduates are leaders in development and production efforts, composite experts at Boeing, participants in the United Nation’s Women Global Innovation Coalition for Change, founders of startup companies for customized prosthetics, sustainable shoes, wearable devices and sodium-based rechargeable batteries. They’re also leaders at companies like 3M, Ford, IBM, Corning, SpaceX and Texas Instruments as well as at universities and national laboratories around the world.

Your MatSE at Illinois story is just the beginning. Your collegiate years at UIUC will be life changing — full of opportunities and experiences that will shape you into an extraordinary engineer. You’ll accomplish things some only dream of, collaborate with people from all walks of life and draw inspiration to go and create the change you want to see in the world. Our MatSE at Illinois faculty and staff will be with you every step of the way supporting and guiding you so that you can discover your passion. Endless opportunities await you in MatSE at Illinois. We hope that you will accept your offer and join our network of more than 80,000 innovative Grainger Engineers. We look forward to seeing you in August at UIUC, in the No. 6 best college town in America, according to the American Institute for Economic Research.

SINCERELY,

NANCY SOTTOS
Professor and Department Head of the Department of Materials Science and Engineering

To accept your offer and join MatSE at Illinois, login to your myIllini account and follow the instructions provided for admitted students.

go.grainger.illinois.edu/accept
WHAT YOU’LL STUDY

Our interdisciplinary department will have you exploring biomaterials, ceramics, electronic materials, metals or polymers.

As a MatSE at Illinois student, you’ll study chemistry, electronics, math, mechanics and physics. With more than 11,000 square feet of dedicated undergraduate laboratory space, you’ll explore hands on the fundamentals of a materials’ behavior, synthesis and characterization.

You’ll learn how to improve and provide sustainable materials with the latest technologies like using data and machine learning to help understand new medical therapies, creating protective coatings for hypersonic flight and space travel, manufacturing next-generation solar cells, realize materials for quantum computers or conceptualizing sustainable battery designs as energy sources for electric vehicles and much more.

Your journey begins at MatSE at Illinois.

WHAT YOU’LL STUDY

- Advanced Processing and Characterization Methods
- Biomaterials
- Composites
- Electronic Materials
- Metals
- Materials for Energy and the Environment
- Materials Theory and Computation
- Polymers

RESEARCH AREAS

POPULAR MINORS

#2 ranked materials science and engineering program by U.S. News & World Report

During their time at Illinois,

- 78% of our students participate in an internship/co-op and 60% participate in research or study abroad
- 96% of students reported securing their first choice destination upon graduation
- $77,272 average full-time salary with a median signing bonus of $8,000

MORE THAN 61% of MatSE at Illinois graduates enrolled in additional education while more than 35% work fulltime

CAREER OPPORTUNITIES

MatSE at Illinois prepares students for a successful career after graduation, whether they seek a career in industry, pursue an advanced degree or use their knowledge gained for other pursuits. Approximately 61% of our MatSE at Illinois graduates continue their education in graduate school while 35% take positions in industry.

Graduates with MatSE at Illinois degrees find jobs across a broad range of industrial sectors that rely on materials innovation including aerospace, automotive, biomedical, chemical, computational modeling, consulting, electronics, energy, nanotechnology, patent law and telecommunication.

MatSE gave me a strong foundation in the frontlines of science, research methodology, and structured learning techniques. It trained me in the art of pursuing an end result of meaningful and impactful value while being conscious of the larger picture.

- Sanak Mishra

MATSE Graduate