

GRAINGER ENGINEERING

Discover MATERIALS SCIENCE AND ENGINEERING

UNIVERSITY OF ILLINOIS



Apply TO MATERIALS SCIENCE AND ENGINEERING!

Titans of industry and policymakers look to materials engineers to pioneer long-lasting batteries to power electric vehicles, design polymers and electronic materials that can be more efficiently recycled and discover new biomaterials that enable life-saving medical treatments.

Materials Science and Engineering at the University of Illinois Urbana-Champaign is a global leader in materials education and innovation. Ranked #2 materials program in the country and part of The Grainger College of Engineering, ranked #6 among undergraduate engineering programs nationwide, we are solving today's most complex challenges and exploring new pathways to a better future for all.

MatSE graduates become leaders in materials development and production efforts, including composite experts at Boeing, participants in the United Nations Women Global Innovation Coalition for Change, and founders of startup companies for customized prosthetics, sustainable shoes, self-healing paints, wearable flexible electronics, and sodium-based rechargeable batteries. They're also leaders at companies like 3M, Ford, Dow, IBM, Corning, SpaceX, Texas Instruments and at universities and national laboratories worldwide.

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 collaborate with people from all walks of life and draw inspiration to create the change you want to see in the world. And 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 purpose and passion.

To learn more about our undergraduate program and to apply, visit go.matse.illinois.edu/apply.

SINCERELY,

NANCY SOTTOS

Department Head and Professor, Materials Science and Engineering

#2

undergraduate materials science
and engineering program by
U.S. News & World Report

2ND

largest materials science and
engineering department in the nation

29

of the most sought-after materials
science and engineering faculty
Meet our faculty: go.matse.illinois.edu/faculty

11,000+

square feet of undergraduate lab
space with the latest equipment

98%

of graduates secured their first-
choice position upon graduation

\$71,700

average full-time starting salary

WHAT IS MATERIALS SCIENCE AND ENGINEERING?

Materials science and engineering is the study of the materials around us: how materials are put together, how they can be used, and how they can be improved to meet and exceed societal needs.

As materials engineers, we study the fundamental behaviors of materials to synthesize and characterize metals, ceramics, electronic materials, polymers, and emerging materials, such as biomaterials, 3D printed materials and smart materials. Drawing heavily on math, chemistry, mechanics, physics and electronics, we make materials recyclable, manufacturing energy-efficient, computers faster, medical therapies more effective, and so much more.

Popular industry sectors include automotive, aerospace, biomedical, chemical, energy, manufacturing, nanotechnology and telecommunications.

WHY MATERIALS SCIENCE AND ENGINEERING AT ILLINOIS?

As a MatSE at Illinois engineer, you'll build a fundamental understanding of materials through advanced, tailored courses in chemistry, computer science and physics; contribute to hands-on undergraduate research opportunities with access to innovative research spaces; and participate in a tight-knit community of student organizations such as Materials Advantage, Keramos, Society of Women Engineers, National Society of Black Engineers and Hispanic Professional Engineers. There's no better place to immerse yourself in a vibrant campus culture and obtain a world-class education while enjoying a cost-of-living standard that is a fraction of similar programs.

If you want to make things smaller, faster, stronger and more sustainable, and do so while collaborating with engineers from across disciplines, then MatSE at Illinois is for you.

Apply now



go.matse.illinois.edu/apply

My professors have been a positive force in my undergraduate career. Their motivation to teach is felt in the lecture hall and office hours.

- Shivam
Tailor

Material Advantage
President



MatSE is a tight-knit and supportive community. Through class, study groups and student organizations, I've made friendships that will last a lifetime.

- Bailey
Wooldridge

Keramos
President



APPLY NOW TO BECOME A MATSE AT ILLINOIS ENGINEER!

Early-action applications due November 1, and regular applications due January 5. Select MatSE as your first choice major to automatically be considered for 30+ merit scholarships, some up to \$5,000.

To learn more about the application process and to apply, visit: go.matse.illinois.edu/admissions



The Grainger College
of Engineering

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

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