ENGINEERING MECHANICS, BS

for the degree of Bachelor of Science in Engineering Mechanics

Mechanical Science & Engineering Website (http://mechse.illinois.edu/)
Mechanical Science & Engineering Faculty (https://mechse.illinois.edu/people/faculty/)
The Grainger College of Engineering Admissions (https://grainger.illinois.edu/admissions/)
The Grainger College of Engineering (https://grainger.illinois.edu/)
Current Program Educational Objectives (https://mechse.illinois.edu/undergraduate/)

The Engineering Mechanics program at Illinois (accredited by the Engineering Accreditation Commission of ABET (https://www.abet.org/)) is a major that focuses on the principles of mechanics that underpin design and engineering in diverse industries including materials, energy, biotechnology, civil, and aerospace to name a few. Students learn rigorous mathematical, scientific, and engineering principles in subject areas such as statics, dynamics, strength of materials, and fluid dynamics. Further, Engineering Mechanics students learn how to apply these basic principles in modern engineering design through laboratory and project work. The program also benefits from a cohesive secondary field which students can tailor to fit their academic and career objectives. Engineering Mechanics is well suited for students with an interest in analysis and design, and physical principles.