GRAINGER COLLEGE OF ENGINEERING

Dean: Rashid Bashir
Associate Dean of Undergraduate Programs: Jonathan J Makela
Associate Dean for Graduate, Professional and Online Programs:
address: 306 Engineering Hall, 1308 W Green St, Urbana, IL 61801
phone: (217) 333-2151

college website: https://grainger.illinois.edu/
Undergraduate Advising: https://grainger.illinois.edu/academics/undergraduate/advising/

Graduate Programs: https://grainger.illinois.edu/academics/graduate/(

Departments:

Aerospace Engineering (https://aerospace.illinois.edu/)
Agricultural 
& Biological Engineering (https://abe.illinois.edu/)
Bioengineering (https://bioengineering.illinois.edu/)
Chemical 
& Biomolecular Engineering (https://chbe.illinois.edu/)
Civil 
& Environmental Engineering (https://cee.illinois.edu/)
Computer Science (https://cs.illinois.edu/)
Electrical 
& Computer Engineering (https://ece.illinois.edu/)
Industrial 
& Enterprise Systems Engineering (https://ise.illinois.edu/)
Materials Science 
& Engineering (https://matse.illinois.edu/)
Mechanical Science 
& Engineering (https://mechanical.illinois.edu/)
Nuclear, Plasma 
& Radiological Engineering (https://npre.illinois.edu/)
Physics (https://physics.illinois.edu/)

Centers:

Technology Entrepreneur Center (https://tec.illinois.edu/)
Computational Science and Engineering (https://cse.illinois.edu/)

Undergraduate Majors and Minors

Majors

Aerospace Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/aerospace-engineering-bs/)
Agricultural 
& Biological Engineering, BS (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/)

Agricultural Engineering Concentration (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/agricultural-engineering-concentration/)
Bioengineering Concentration (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/bioengineering-concentration/)

Agricultural 
& Biological Engineering, BS and Agricultural 
& Biological Engineering, BSAG (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/agricultural-science-bsag) (Dual Degree Program)

Bioengineering, BS (http://catalog.illinois.edu/undergraduate/engineering/bioengineering-bs/)
Civil 
Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/civil-engineering-bs/)
Computer 
Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/computer-engineering-bs/)
Computer Science, BS (http://catalog.illinois.edu/undergraduate/engineering/computer-science-bs/)
Electrical 
Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/electrical-engineering-bs/)

Engineering 
Mechanics, BS (http://catalog.illinois.edu/undergraduate/engineering/engineering-mechanics-bs/)
Industrial 
Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/industrial-engineering-bs/)

Innovation, Leadership 
& Engineering Entrepreneurship, BS (http://catalog.illinois.edu/undergraduate/engineering/innovation-leadership-engineering-entrepreneurship-bs/)

(ILEE)

Materials Science Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/materials-science-engineering-bs/)

Mechanical Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/mechanical-engineering-bs/)

Nuclear, Plasma, 
& Radiological Engineering, BS (http://catalog.illinois.edu/undergraduate/engineering/nuclear-plasma-radiological-engineering-bs/)

Physics (Engineering), BS (http://catalog.illinois.edu/undergraduate/engineering/physics-bs/)

Systems Engineering 
& Design, BS (http://catalog.illinois.edu/undergraduate/engineering/systems-engineering-design-bs/)

Minors

Bioengineering Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/bioengineering/)
Computational Science 
& Engineering Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/computational-science-engineering/)

Computer 
Science Minor (http://catalog.illinois.edu/undergraduate/minors/cs/)

Electrical 
& Computer Engineering Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/electrical-computer-engineering/)

International Minor in Engineering (http://catalog.illinois.edu/undergraduate/engineering/minors/international-engineering/)

Materials Science 
& Engineering Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/materials-science-engineering/)

Information listed in this catalog is current as of 06/2021
Bioengineering, MENG (http://catalog.illinois.edu/graduate/engineering/bioengineering-meng/)
  Bioinstrumentation (http://catalog.illinois.edu/graduate/engineering/bioengineering-meng/bioinstrumentation/)
  Computational Genomics (http://catalog.illinois.edu/graduate/engineering/bioengineering-meng/computational-genomics/)
  General Bioengineering (http://catalog.illinois.edu/graduate/engineering/bioengineering-meng/general-bioengineering/)
Bioengineering, MS (http://catalog.illinois.edu/graduate/engineering/bioengineering-ms/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
Bioengineering, PhD (http://catalog.illinois.edu/graduate/engineering/bioengineering-phd/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Bioinformatics, MS (http://catalog.illinois.edu/graduate/provost/ms_bioinfo/)
  Computer Science (http://catalog.illinois.edu/graduate/engineering/concentration/computer-science/bioinformatics/)

Aerospace Engineering, MS (http://catalog.illinois.edu/graduate/engineering/aerospace-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Aerospace Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/aerospace-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Aerospace Systems Engineering, MENG, see Engineering, MENG
Agricultural & Biological Engineering, MS (http://catalog.illinois.edu/graduate/engineering/agricultural-biological-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Agricultural & Biological Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/agricultural-biological-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

Information listed in this catalog is current as of 06/2021
C

Chemical Engineering, MS (http://catalog.illinois.edu/graduate/las/chemical-engineering-ms/)
Chemical Engineering, PhD (http://catalog.illinois.edu/graduate/las/chemical-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Civil Engineering, MS (http://catalog.illinois.edu/graduate/engineering/civil-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Civil Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/civil-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Computer Science, MCS (http://catalog.illinois.edu/graduate/engineering/computer-science-mcs/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Computer Science, MS (http://catalog.illinois.edu/graduate/engineering/computer-science-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Computer Science, PhD (http://catalog.illinois.edu/graduate/engineering/computer-science-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

E

Electrical & Computer Engineering, MEng (http://catalog.illinois.edu/graduate/engineering/electrical-computer-engineering-meng/)
Electrical & Computer Engineering, MS (http://catalog.illinois.edu/graduate/engineering/electrical-computer-engineering-ms/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Electrical & Computer Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/electrical-computer-engineering-phd/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

Energy Systems, MENG, see Engineering, MENG

Engineering, MENG (http://catalog.illinois.edu/graduate/meng-engineering/)
  Aerospace Systems Engineering (http://catalog.illinois.edu/graduate/engineering/meng/aerospace-systems/)
  Energy Systems (http://catalog.illinois.edu/graduate/engineering/meng/energy-systems/)
  Plasma Engineering (http://catalog.illinois.edu/graduate/engineering/meng/plasma-engineering/)
  Railway Engineering (http://catalog.illinois.edu/graduate/engineering/meng/railway/)

Environmental Engineering in Civil Engineering, MS (http://catalog.illinois.edu/graduate/engineering/environmental-engineering-civil-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

Environmental Engineering in Civil Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/environmental-engineering-civil-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

F

Financial Engineering, MS (http://catalog.illinois.edu/graduate/bus_engineering/financial-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

Information listed in this catalog is current as of 06/2021
I
Industrial Engineering, MS (http://catalog.illinois.edu/graduate/engineering/industrial-engineering-ms/)
  Advanced Analytics (http://catalog.illinois.edu/graduate/engineering/concentration/advanced-analytics-industrial-enterprise-systems-engineering/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Industrial Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/industrial-engineering-phd/)

M
Materials Science & Engineering, MS (http://catalog.illinois.edu/graduate/engineering/materials-science-engineering-ms/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Materials Science & Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/materials-science-engineering-phd/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Mechanical Engineering, MENG (http://catalog.illinois.edu/graduate/engineering/mechanical-engineering-meng/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
Mechanical Engineering, MS (http://catalog.illinois.edu/graduate/engineering/mechanical-engineering-ms/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)
Mechanical Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/mechanical-engineering-phd/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Cancer Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/cancer-nanotechnology/)

N
Nuclear, Plasma & Radiological Engineering, MS (http://catalog.illinois.edu/graduate/engineering/nuclear-plasma-radiological-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Nuclear, Plasma & Radiological Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/nuclear-plasma-radiological-engineering-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

P
Physics, MS (http://catalog.illinois.edu/graduate/engineering/physics-ms/)
  Physics, PhD (http://catalog.illinois.edu/graduate/engineering/physics-phd/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

R
Railway Engineering, MENG, see Engineering, MENG

S
Systems & Entrepreneurial Engineering, MS (http://catalog.illinois.edu/graduate/engineering/systems-entrepreneurial-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Systems & Entrepreneurial Engineering, PhD (http://catalog.illinois.edu/graduate/engineering/systems-entrepreneurial-engineering-phd/)

Information listed in this catalog is current as of 06/2021
T

Teaching of Physics, MS (http://catalog.illinois.edu/graduate/engineering/teaching-physics-ms/)
Theoretical and Applied Mechanics, MS (http://catalog.illinois.edu/graduate/engineering/theoretical-applied-mechanics-ms/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/nanotechnology/)
  Cancer
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Theoretical & Applied Mechanics, PhD (http://catalog.illinois.edu/graduate/engineering/theoretical-applied-mechanics-phd/)
  Biomechanics (http://catalog.illinois.edu/graduate/engineering/concentration/biomechanics/)
  Nanotechnology (http://catalog.illinois.edu/graduate/engineering/concentration/nanotechnology/)
  Cancer
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)

Combination Programs

Aerospace Engineering, BS-MS (http://catalog.illinois.edu/undergraduate/engineering/aerospace-engineering-bs-ms/)
Aerospace Engineering, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/aerospace-engineering-bs-energy-systems-meng/)
Agricultural & Biological Engineering, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs-energy-systems-meng/)
Computer Science, BS-MCS (http://catalog.illinois.edu/undergraduate/engineering/computer-science-bs-mcs/)
Computer Science, BS-MS (http://catalog.illinois.edu/undergraduate/engineering/computer-science-bs-ms/)
Industrial Engineering, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/industrial-engineering-bs-energy-systems-meng/)
Materials Science & Engineering, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/materials-science-engineering-bs-energy-systems-meng/)
Nuclear, Plasma & Radiological Engineering, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/nuclear-plasma-radiological-engineering-bs-energy-systems-meng/)
Physics, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/engineering-physics-bs-energy-systems-meng/)
Systems Engineering & Design, BS and Energy Systems, MEng (http://catalog.illinois.edu/undergraduate/engineering/systems-engineering-design-bs-energy-systems-meng/)

Back to Top

Information listed in this catalog is current as of 06/2021