GRAINGER COLLEGE OF ENGINEERING

Dean: Rashid Bashir
Associate Dean of Undergraduate Programs: Jonathan J Makela
Associate Dean for Graduate, Professional and Online Programs: Daniel J Bodony
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college website: https://grainger.illinois.edu/
Undergraduate Programs: https://grainger.illinois.edu/academics/undergraduate
Graduate Programs: https://grainger.illinois.edu/academics/graduate

Undergraduate Majors and Minors

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/)

Graduate Majors and Concentrations

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/)
  - Biological Engineering Concentration (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs/biological-engineering-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/)

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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/)

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/)
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/)

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Electrical & Computer Engineering, ME (http://catalog.illinois.edu/graduate/engineering/electrical-computer-engineering-meng/)
Electrical & Computer Engineering, MS (http://catalog.illinois.edu/graduate/engineering/electrical-computer-engineering-ms/)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
  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/)
  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/aerospace-systems/)
  Energy Systems (http://catalog.illinois.edu/graduate/engineering/energy-systems/)
  Plasma Engineering (http://catalog.illinois.edu/graduate/engineering/plasma-engineering/)
  Railway Engineering (http://catalog.illinois.edu/graduate/engineering/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/)

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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/)

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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/)

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