GRAINGER COLLEGE OF ENGINEERING

Dean: Rashid Bashir
Associate Dean of Undergraduate Programs: Jonathan J Makela
Associate Dean for Graduate, Professional and Online Programs: Harry Dankowicz
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 Student Handbook: https://grainger.illinois.edu/academics/graduate/handbook

Department:

- 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)
- Biological Engineering Concentration (http://catalog.illinois.edu/undergraduate/eng_aces/agricultural-biological-engineering-bs-biological-engineering)
- 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/mechanical-engineering-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)
- Physics (Engineering) Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/physics-engineering)

Information listed in this catalog is current as of 03/2020
Graduate Majors and Concentrations

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- V
- W
- X
- Y
- Z

A

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)

B

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)

Information listed in this catalog is current as of 03/2020
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)

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/concentration/aerospace-systems)
  Energy Systems (http://catalog.illinois.edu/graduate/engineering/concentration/energy-systems)
  Plasma Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/plasma-engineering)
  Railway Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/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)

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)
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)

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)

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)
  Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering)
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)
  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)
Plasma Engineering, MENG, see Engineering, MENG

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)
Teaching of Physics, MS
Theoretical and Applied Mechanics, MS
Biomechanics
Nanotechnology
Computational Science & Engineering
Theoretical & Applied Mechanics, PhD
Biomechanics
Nanotechnology
Computational Science & Engineering
Combination Programs
Aerospace Engineering, BS-MS
Aerospace Engineering, BS and Energy Systems, MEng
Agricultural & Biological Engineering, BS and Energy Systems, MEng
Computer Science, BS-MCS
Computer Science, BS-MS
Industrial Engineering, BS and Energy Systems, MEng
Materials Science & Engineering, BS and Energy Systems, MEng
Materials Science & Engineering, BS-MS
Nuclear, Plasma & Radiological Engineering, BS and Energy Systems, MEng
Physics, BS and Energy Systems, MEng
Systems Engineering & Design, BS and Energy Systems, MEng