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

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

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)

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

Physics (Engineering) Minor (http://catalog.illinois.edu/undergraduate/engineering/minors/physics-bs)
Graduate Majors and Concentrations

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)

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)

Bioinformatics, MS (http://catalog.illinois.edu/graduate/provost/ms_bioinfo)

  Computer Science (http://catalog.illinois.edu/graduate/engineering/concentration/computer-science/bioinformatics)
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/business_engineering/financial-engineering-ms)
Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering)

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