GRAINGER COLLEGE OF ENGINEERING

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Associate Dean of Undergraduate Programs: Jonathan J Makela
Associate Dean for Graduate, Professional and Online Programs: Harry Dankowicz
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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

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/mechanical-engineering-bs)

Industries 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

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- V
- W
- X
- Y
- Z

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

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

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)

Railway Engineering, MENG, see Engineering, MENG

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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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