CSE at a Glance

World-class Academic Programs

12 Departments
- AEM | Aerospace Engineering and Mechanics
- BME | Biomedical Engineering
- CEMS | Chemical Engineering and Materials Science
- Chem | Chemistry
- CEGE | Civil, Environmental, and Geo-Engineering
- CS&E | Computer Science and Engineering
- ESci | Earth and Environmental Sciences
- ECE | Electrical and Computer Engineering
- ISyE | Industrial and Systems Engineering
- Math | Mathematics
- ME | Mechanical Engineering
- SPA | Physics and Astronomy

1 Affiliated Department
- BBE | Bioproducts and Biosystems Engineering (CFANS)

3 Degree-granting Programs
- HSTM | History of Science and Technology
- MIFA | Minnesota Institute for Astrophysics
- TLI | Technological Leadership Institute

19 Undergraduate Degrees

23 Graduate Degree Programs

A Tradition of Excellence

1851 University of Minnesota founded as a preparatory school
1869 First science departments are integral part of the University during its official establishment
1884 College of Engineering established
1935 Institute of Technology brings together programs in science and engineering
2010 College is renamed as the College of Science and Engineering

Cutting-edge Research

Researchers are on the leading edge of finding ways to solve some of the world's greatest problems:
- developing new forms of environment-friendly energy
- designing new medical devices
- improving digital and electronic technologies
- developing a strong national infrastructure

College-wide research centers and facilities include:
- CSP | Center for Sustainable Polymers
- CharFac | Characterization Facility
- DTC | Digital Technology Center
- CCEFP | Engineering Research Center for Compact and Efficient Fluid Power
- MDC | Institute for Engineering in Medicine/Medical Devices Center
- IMA | Institute for Mathematics and its Applications
- MRSEC | Materials Research Science and Engineering Center
- MNC | Minnesota Nano Center
- SMART | Spintronic Materials in Advanced Information Technologies
- SAFL | St. Anthony Falls Laboratory/Outdoor StreamLab
- FTPI | William I. Fine Theoretical Physics Institute

Based on faculty research in the last five years:
- 689 Invention disclosures
- 224 Patents
- 24 Startup companies

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**Educating the Next Generation of High Tech Workers**

- Student enrollment (fall 2019)
  - 5,506 undergraduates
  - 2,578 graduate students

- Freshman class (fall 2019)
  - 1,289 students
  - 31.5 the average ACT, the highest at the University of Minnesota
  - 94.9 percent graduated in the top 25 percent of their high school class
  - 408 (31.6 percent) were women, the highest number ever

- 375 incoming transfer students (fall 2019)

- Degrees granted (2017-18)
  - 1,473 bachelor’s
  - 590 master’s
  - 261 doctoral

  This is a 49 percent increase overall and a 53 percent increase in undergraduate degrees in the last 10 years

- CSE is the college with the most grad students at the U
  - 852 master’s
  - 1,708 doctoral
  - 735 women (28.5 percent – a 30 percent increase in the last 10 years)
  - 61 percent international students and students of color

- CSE students come from all over
  - 4,067 Minnesota
    - Undergrads: 61 percent  Grads: 26 percent
  - 2,383 Other United States
    - Undergrads: 27 percent  Grads: 25 percent
  - 1,961 International
    - Undergrads: 12 percent  Grads: 49 percent

- Top hiring companies in 2018
  - 3M
  - Boston Scientific
  - Medtronic
  - Target
  - University of Minnesota

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**Highly Ranked Programs**

- Top 20 Our undergraduate and graduate programs consistently rank highly nationally
- #4 best bachelors in engineering program, according to College Choice (2018)

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**Successful Alumni**

- 70,000+ living alumni
  - 200+ Outstanding Achievement Award recipients

- CSE alumni have founded:
  - 4,000+ active companies worldwide that employ 551,000+ people
  - 2,600 active companies in Minnesota that employ 175,000+ people

- CSE alumni-founded companies generate:
  - $90 billion annual revenue worldwide
  - $46 billion annual revenue in Minnesota

- Alumni have given more than $256 million to CSE in the past seven years during the Driven campaign

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**Award-winning Faculty**

- 435 tenured and tenure-track faculty
- 37 current and former faculty have been elected to the National Academy of Engineering
- 24 current and former faculty have been elected to the National Academy of Sciences
- 12 current and former faculty have been elected to the National Academy of Arts and Sciences
- 26 current and former faculty have been named Regents Professors
- 93 percent of classes are taught by faculty with the highest degree in their field

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