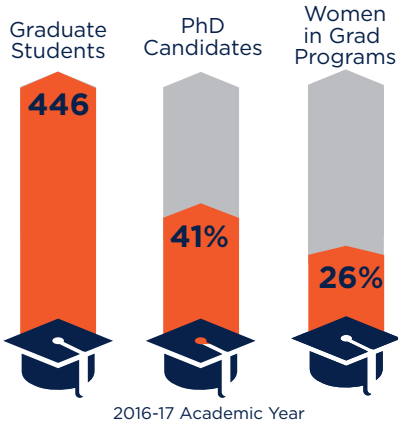




# CECS By the Numbers\*

\*2016-17 academic year

## Enrollment



Largest  
**Society of Women Engineers**  
student chapter in the nation

Division of Computer Science



Division of Electrical Engineering



Department of Mechanical Engineering

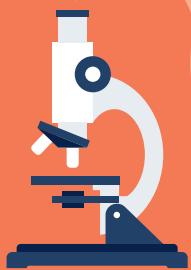


Department of Civil & Environmental Engineering

Department of Applied Mathematics & Statistics



**CECS Interdisciplinary Programs:**  
Underground Construction & Tunneling  
Hydrologic Science & Engineering  
Nuclear Engineering  
Materials Science  
Humanitarian Engineering



**Research Awards:**  
**Total \$11.4 million**  
(FY15)  
Combination of Federal, State and Private

**RESEARCH IN CECS** is motivated by the goal of improving people's lives by addressing the problems facing society. Here are just a few of our research focus areas: Thermal-Fluid Systems, Scattering Theory, Wave Propagation, Urban Water Engineering, High Performance Computing, Antennas & Wireless Communication, Robotics, Underground Construction & Tunneling.

## Miscellaneous facts:

- 27
- 28
- 29-33 —ACT Composite Score
- 30
- 31 **1340** - Average SAT
- 32
- **33** — Rank as Top Public Schools in U.S. News & World Report
- 34
- 35
- 36
- 37

**#1 Engineering School**  
in USA TODAY's 2015 Top 10 Engineering Colleges in the U.S.

**18**  
Intercollegiate Athletic Teams

**\$66,394**  
average starting salary of a Mines graduate (2014-2015)

Recent (since 2010) NSF Early CAREER Award recipients on CECS faculty:

**Kate Smits**  
2015

**Aaron Stebner**  
2015

**Cristian Ciobanu**  
2010

**Tony Petrella**  
2010

**Mike Watkin**  
2012

**Josh Sharp**  
2012



# COLLEGE OF ENGINEERING & COMPUTATIONAL SCIENCES

## COLORADO SCHOOL OF MINES



If you are looking for a world-class education, the skills to make a difference, a chance to participate in ground-breaking research, and the opportunity to thrive at an institution that has been committed to serving the people of Colorado, the nation and the global community since the 1870s, we invite you to join us in the College of Engineering and Computational Sciences at Colorado School of Mines.

[cecs.mines.edu](https://cecs.mines.edu)

### MAJORS in CECS

#### Civil Engineering

Civil engineers design and maintain our civil infrastructure: buildings, roads, bridges, reservoirs, drinking water and wastewater treatment. They are always in high demand.



#### Environmental Engineering

Environmental engineers develop integrated, sustainable solutions to the environmental challenges facing society. Many focus on the protection and management of clean air, energy, water and other natural resources.



#### Computational & Applied Mathematics or Statistics

Students with a degree in mathematics or statistics have a variety of career paths open to them based on their ability to derive and analyze models, compare inferences and develop computational methods.



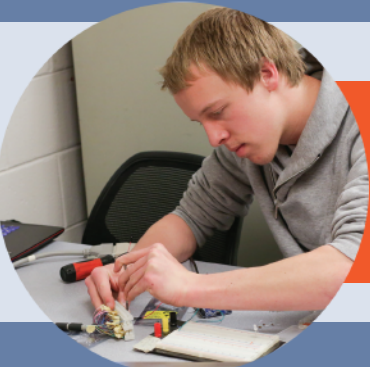
#### Computer Science

Mines CS graduates are highly sought by industry for their knowledge of computer architecture, operating systems, the principles of programming languages and software engineering. Job growth in this field is very high.



#### Electrical Engineering

Electrical engineers focus on energy and power systems, antennas and wireless communications, signal processing, control systems and more. Mines electrical engineering students often work in multidisciplinary teams.



#### Mechanical Engineering

Mechanical Engineering is a design-oriented program that provides a strong foundation in fundamental engineering disciplines and a working knowledge of modern engineering tools. Graduates pursue careers in such fields as aerospace, alternative energy, biomedical and manufacturing.

