About the College

Established in 1961, the College of Engineering offers undergraduate and graduate degree programs. We are dedicated to innovative education, research and dissemination of knowledge, and focus on instilling critical thinking in our graduates to:

- Recognize human and societal needs;
- Design innovative, sustainable engineering solutions;
- Embrace an international perspective, and;
- Create value through entrepreneurial efforts.

Programs Offered

Bachelor's Degrees
- Aerospace Engineering
- Civil Engineering
- Computer Engineering
- Construction Engineering
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
- Bioengineering Emphasis (in ME)

Minor Engineering

Certificate Program
- Rehabilitation Technology

Master's Degrees
- Aerospace Engineering
- Bioengineering
- Civil Engineering
- Electrical Engineering
- Electrical & Computer Engineering
- Engineering (Interdisciplinary)
- Environmental Engineering
- Manufacturing and Design
- Mechanical Engineering
- Structural Engineering

Joint Doctoral Program with UCSD
- Aerospace & Mechanical Engineering
- Bioengineering
- Electrical & Computer Engineering
- Structural Engineering

Undergraduate Students by Area

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Undergraduate 2013</th>
<th>Graduate Students 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Engineering</td>
<td>297</td>
<td>27</td>
</tr>
<tr>
<td>Civil &amp; Construction Engineering</td>
<td>520</td>
<td>21</td>
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<tr>
<td>Computer Engineering</td>
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<td>64</td>
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<tr>
<td>Construction Engineering</td>
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<tr>
<td>Electrical Engineering</td>
<td>436</td>
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<td>Environmental Engineering</td>
<td>157</td>
<td>10</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>964</td>
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<tr>
<td>TOTAL</td>
<td>2,779</td>
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Graduate Students by Area

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Degrees Granted

Undergraduates: 379
Graduates: 99
Doctoral: 1
Total: 479

College Funding

Research: $3.8M
University Support: $12.4M
Philanthropy/Investments: $4.7M
TOTAL: $20.9M

International Programs

With the rapid globalization of the engineering workplace, SDSU’s College of Engineering offers numerous international programs to give students the opportunity to study abroad:

Destinations include:
- Bethune, France
- Coimbatore, India
- Hannover, Germany
- Krakow, Poland
- Panama City, Panama
- Pisa, Italy
- Sydney, Australia

EU-US Exchange Programs with:
- Algarve, Portugal
- Hagen, Germany
- Sunderland, England
- DAAD/RISE Program (paid internships in Germany)

Engineers Without Borders:
- Working on the water purification/distribution project in Honduras

Administration

Morteza Monte Mehrabadi
Dean
Bruce D. Westermo
Associate Dean
Vacant
Assistant Dean for Student Affairs
Eugene A. Olevsky
Director, Doctoral Programs

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Accomplishments

- Enrollments in the College of Engineering have reached a historical high of approximately 2800 students enrolling Fall 2013, nearly a 50% increase over the past five (5) years.
- The College of Engineering is home to a nationally-recognized program that effectively transitions veterans into degree programs in engineering and successfully places graduates in permanent jobs, with over 125 veterans placed in the last two (2) years alone.
- The College of Engineering is one of the most diverse colleges in the US, with a student population that reflects the diversity of Southern California.
- SDSU is the National Affiliate University in California for Project Lead The Way (PLTW). California has the greatest number of PLTW middle and high schools, over 420, offering curriculum that teach middle and high school students about careers in engineering.
- With the support of generous alumni and friends of the University, the College of Engineering is able to offer a significant number of scholarships so that truly outstanding undergraduates can study at SDSU.

Outstanding Rankings

- No. 15 in the nation for Top Colleges for Engineering Majors ROI - Affordable Colleges Online, September 2013.
- No. 92 in the nation of Best Undergraduate Engineering Programs (for schools that offer a doctoral degree) - US News 2013.
- No. 132 in the nation of Best Engineering Graduate Schools – US News Education 2013
- No. 4 in the nation among Top Graduate Engineering Programs for Hispanics – Hispanic Business, September 2005.

Centers of Excellence

- The College of Engineering houses an NSF-sponsored Engineering Research Center (ERC) in Sensorimotor Neural Engineering in collaboration with University of Washington and MIT. The ERC is one of NSF's most prestigious programs. Funding for the Center is expected to exceed $40 million over 10 years.
- The College participates in an on-campus incubator (the Zahn Innovation Center) for faculty and student entrepreneurs, resulting in significant cross-college collaborations with Business, Health and Human Services, and Science. Social entrepreneurship has become the newest initiative, engaging the entire University.
- A Mechanical Engineering faculty received almost $4 million from the Department of Energy under their SunShot program to develop new high efficient technologies to convert sunlight into electric power using carbon nanoparticles entrained in air.
- With funding from the San Diego Foundation (the Blasker Chair) and from William E. Leonhard, Jr. for an endowed chair, the Environmental Engineering program is distinguishing itself nationally for outstanding work, especially in the area of water resources.
- The Department of Electrical and Computer Engineering is recognized internationally for its excellence in wireless communication.

Accreditation

All Bachelor’s Degree programs are accredited by the:
Engineering Accreditation Commission of ABET
111 Market Place, Suite 1050
Baltimore, MD 21202-4012
(410) 437-7700