Best Undergraduate Engineering Programs

On these pages, U.S. News ranks undergraduate engineering programs accredited by ABET, formerly known as the Accreditation Board for Engineering and Technology. The rankings are based solely on a survey of engineering deans and senior faculty conducted during the spring of 2010. Surveys sent to the dean and a faculty member at each program asked them to rate programs with which they’re familiar on a scale from 1 (marginal) to 5 (distinguished). Students who prefer a school that focuses on its undergrads can use the list below of top institutions whose terminal degree is a bachelor’s or master’s; universities offering doctorates, which can mean a wider range of offerings at the undergraduate level, appear on the next page. Thirty-seven percent of those surveyed returned ratings of the group below; 58 percent did so for the doctorate group. Respondents were also asked to name 10 top programs in specialty areas; those mentioned most often appear here.

Best Programs at Engineering Schools Whose Highest Degree Is a Bachelor’s or Master’s

<table>
<thead>
<tr>
<th>Rank School (State) (Public)</th>
<th>Peer assessment score (5.0=best)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Rose-Hulman Inst. of Tech. (IN)</td>
<td>4.5</td>
</tr>
<tr>
<td>2. Harvey Mudd College (CA)</td>
<td>4.4</td>
</tr>
<tr>
<td>3. Cooper Union (NY)</td>
<td>4.1</td>
</tr>
<tr>
<td>4. United States Military Academy (NY)*</td>
<td>4.1</td>
</tr>
<tr>
<td>6. United States Air Force Acad. (CO)*</td>
<td>4.0</td>
</tr>
<tr>
<td>7. United States Naval Academy (MD)*</td>
<td>4.0</td>
</tr>
<tr>
<td>8. Franklin W. Olin Col. of Eng. (MA)</td>
<td>3.9</td>
</tr>
<tr>
<td>9. Bucknell University (PA)</td>
<td>3.7</td>
</tr>
<tr>
<td>10. Villanova University (PA)</td>
<td>3.7</td>
</tr>
<tr>
<td>11. Baylor University (TX)</td>
<td>3.5</td>
</tr>
<tr>
<td>13. Embry–Riddle Aeronautical U. (FL)</td>
<td>3.5</td>
</tr>
<tr>
<td>14. Milwaukee School of Engineering</td>
<td>3.5</td>
</tr>
<tr>
<td>15. Swarthmore College (PA)</td>
<td>3.5</td>
</tr>
<tr>
<td>16. United States Coast Guard Acad. (CT)</td>
<td>3.5</td>
</tr>
</tbody>
</table>

Best in the Specialties

(*Public)

AEROSPACE/AERONAUTICAL/ASTRONAUTICAL
1. Embry–Riddle Aeronautical U. (FL)
2. United States Air Force Acad. (CO)*
3. Embry–Riddle Aeronautical U.–Prescott (AZ)
4. Calif. Polytechnic St. U.–San Luis Obispo* 
5. United States Naval Academy (MD)*

CHEMICAL
1. Rose-Hulman Inst. of Tech. (IN)
2. Rowan University (NJ)* 
3. Cooper Union (NY)
4. Bucknell University (PA)
5. Manhattan College (NY)

CIVIL
1. Rose-Hulman Inst. of Tech. (IN)
2. United States Military Academy (NY)* 
3. Bucknell University (PA)
4. Calif. Polytechnic St. U.–San Luis Obispo* 
5. Harvey Mudd College (CA)

COMPUTER ENGINEERING
1. Rose-Hulman Inst. of Tech. (IN)
2. Calif. Polytechnic St. U.–San Luis Obispo* 
3. Bucknell University (PA)
4. Cooper Union (NY)

ELECTRICAL/ELECTRONIC/COMMUNICATIONS
1. Rose-Hulman Inst. of Tech. (IN)
2. Calif. Polytechnic St. U.–San Luis Obispo* 
3. Cooper Union (NY)
4. United States Military Academy (NY)* 
5. Harvey Mudd College (CA)

Note: Peer assessment survey conducted by Synovate. To be ranked in a specialty, a school may have either a program or course offerings in that subject area. Based on a recommendation from the American Society for Engineering Education, a few engineering schools with small doctoral programs are part of the bachelor’s and master’s category.
### Best Programs AT ENGINEERING SCHOOLS WHOSE HIGHEST DEGREE IS A DOCTORATE

<table>
<thead>
<tr>
<th>Rank School (State) (*Public)</th>
<th>Peer assessment score (5.0=highest)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Massachusetts Inst. of Technology</td>
<td>4.8</td>
</tr>
<tr>
<td>2. Stanford University (CA)</td>
<td>4.7</td>
</tr>
<tr>
<td>3. University of California–Berkeley*</td>
<td>4.6</td>
</tr>
<tr>
<td>4. California Institute of Technology</td>
<td>4.5</td>
</tr>
<tr>
<td>5. Georgia Institute of Technology*</td>
<td>4.5</td>
</tr>
<tr>
<td>6. U. of Illinois–Urbana-Champaign*</td>
<td>4.4</td>
</tr>
<tr>
<td>7. University of Michigan–Ann Arbor*</td>
<td>4.3</td>
</tr>
<tr>
<td>8. Carnegie Mellon University (PA)</td>
<td>4.2</td>
</tr>
<tr>
<td>9. Cornell University (NY)</td>
<td>4.2</td>
</tr>
<tr>
<td>10. Purdue Univ.–West Lafayette (IN)*</td>
<td>4.2</td>
</tr>
<tr>
<td>11. Princeton University (NJ)</td>
<td>4.1</td>
</tr>
<tr>
<td>12. University of Texas–Austin*</td>
<td>4.1</td>
</tr>
<tr>
<td>13. Johns Hopkins University (MD)</td>
<td>3.9</td>
</tr>
<tr>
<td>14. Northwestern University</td>
<td>3.9</td>
</tr>
<tr>
<td>15. Univ. of Wisconsin–Madison*</td>
<td>3.9</td>
</tr>
<tr>
<td>16. Virginia Tech*</td>
<td>3.9</td>
</tr>
<tr>
<td>17. Pennsylvania State U.–University Park*</td>
<td>3.8</td>
</tr>
<tr>
<td>18. Texas A&amp;M Univ.–College Station*</td>
<td>3.8</td>
</tr>
<tr>
<td>19. Rice University (TX)</td>
<td>3.7</td>
</tr>
<tr>
<td>20. Univ. of California–Los Angeles*</td>
<td>3.7</td>
</tr>
<tr>
<td>21. Univ. of Maryland–College Park*</td>
<td>3.7</td>
</tr>
<tr>
<td>22. Duke University (NC)</td>
<td>3.6</td>
</tr>
<tr>
<td>23. Univ. of California–San Diego*</td>
<td>3.6</td>
</tr>
<tr>
<td>24. Univ. of Minnesota–Twin Cities*</td>
<td>3.6</td>
</tr>
<tr>
<td>25. University of Washington*</td>
<td>3.6</td>
</tr>
<tr>
<td>26. Columbia University (NY)</td>
<td>3.5</td>
</tr>
</tbody>
</table>

### Best in the Specialties

#### AEROSPACE/AERONAUTICAL/ASTRONAUTICAL
1. Massachusetts Inst. of Technology
2. Georgia Institute of Technology*
3. University of Michigan–Ann Arbor*
4. Purdue Univ.–West Lafayette (IN)*
5. California Institute of Technology

#### BIOLOGICAL/AGRICULTURAL
1. Texas A&M Univ.–College Station*
2. U. of Illinois–Urbana-Champaign*
3. Purdue Univ.–West Lafayette (IN)*
4. Iowa State University*
5. Cornell University (NY)

#### BIOMEDICAL/BIOMEDICAL ENGINEERING
1. Johns Hopkins University (MD)
2. Duke University (NC)
3. Georgia Institute of Technology*
4. Massachusetts Inst. of Technology
5. Univ. of California–San Diego*

#### CHEMICAL
1. Massachusetts Inst. of Technology
2. University of California–Berkeley*
3. Stanford University (CA)
4. Univ. of Minnesota–Twin Cities*
5. University of Texas–Austin*

#### CIVIL
1. U. of Illinois–Urbana-Champaign*
2. University of California–Berkeley*
3. Georgia Institute of Technology*
4. University of Texas–Austin*
5. Purdue Univ.–West Lafayette (IN)*

#### COMPUTER ENGINEERING
1. Massachusetts Inst. of Technology
2. Carnegie Mellon University (PA)
3. Stanford University (CA)
4. University of Illinois–Urbana-Champaign*
5. University of California–Berkeley*
6. University of Virginia*
7. Arizona State University*
8. Dartmouth College (NH)
9. Rutgers, St. U. of N.J.–New Brunswick*
10. University of Arizona*
11. University of California–Irvine*
12. University of Notre Dame (IN)
13. Washington University in St. Louis*

#### ELECTRICAL/ELECTRONIC/COMMUNICATIONS
1. Massachusetts Inst. of Technology
2. Stanford University (CA)
3. U. of Illinois–Urbana-Champaign*
4. University of California–Berkeley*
5. Georgia Institute of Technology*

#### ENGINEERING SCIENCE/ENGINEERING PHYSICS
1. California Institute of Technology
2. U. of Illinois–Urbana-Champaign*
3. Cornell University (NY)
4. University of California–Berkeley*
5. Virginia Tech*

#### ENVIRONMENTAL/ENVIRONMENTAL HEALTH
1. Stanford University (CA)
2. University of California–Berkeley*
3. U. of Illinois–Urbana-Champaign*
4. University of Texas–Austin*
5. Georgia Institute of Technology*
6. Massachusetts Inst. of Technology

#### INDUSTRIAL/MANUFACTURING
1. Georgia Institute of Technology*
2. University of Michigan–Ann Arbor*
3. Purdue Univ.–West Lafayette (IN)*
4. University of California–Berkeley*
5. Texas Tech*

#### MATERIALS
1. Massachusetts Inst. of Technology
2. U. of Illinois–Urbana-Champaign*
3. University of California–Berkeley*
4. Northwestern University (IL)
5. University of Michigan–Ann Arbor*

#### MECHANICAL
1. Massachusetts Inst. of Technology
2. University of California–Berkeley*
3. Georgia Institute of Technology*
4. Stanford University (CA)
5. University of Michigan–Ann Arbor*