



Best in Undergraduate Engineering

On these pages, *U.S. News* ranks undergraduate engineering programs accredited by ABET (formerly known as Accreditation Board for Engineering and Technology). The rankings are based solely on a survey of engineering deans and senior faculty at all accredited programs, conducted during the spring of 2012. Surveys sent to the dean and a faculty member at each accredited program asked them to rate programs with which they're familiar on a scale from 1 (marginal) to 5 (distinguished). Students who prefer an engineering pro-

gram that focuses on its undergrads can use the list below of top institutions whose terminal engineering degree is a bachelor's or master's; universities that grant doctorates in engineering, whose programs are ranked separately, may boast a wider range of offerings at the undergraduate level. Thirty-four percent of those surveyed returned ratings of the group below; 54 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.

Top Programs >>> AT ENGINEERING SCHOOLS WHOSE HIGHEST DEGREE IS A BACHELOR'S OR MASTER'S

Rank	School (State) (*Public)	Peer assessment score (5.0=highest)	Rank	School (State) (*Public)	Peer assessment score (5.0=highest)	Rank	School (State) (*Public)	Peer assessment score (5.0=highest)
1.	Rose-Hulman Inst. of Tech. (IN)	4.6	17.	Kettering University (MI)	3.3	35.	Univ. of Arkansas-Little Rock*	3.0
2.	Harvey Mudd College (CA)	4.4	17.	San Jose State University (CA)*	3.3	35.	Univ. of Massachusetts-Dartmouth*	3.0
3.	United States Military Academy (NY)*	4.2	17.	Swarthmore College (PA)	3.3	35.	University of Michigan-Dearborn*	3.0
4.	United States Air Force Acad. (CO)*	4.1	17.	Union College (NY)	3.3	35.	University of Portland (OR)	3.0
4.	United States Naval Academy (MD)*	4.1	17.	Valparaiso University (IN)	3.3	35.	Webb Institute (NY)	3.0
6.	Cooper Union (NY)	4.0	25.	Lafayette College (PA)	3.2	44.	Brigham Young University-Idaho	2.9
6.	Franklin W. Olin Col. of Engineering (MA)	4.0	25.	Loyola Marymount University (CA)	3.2	44.	California State U.-Long Beach*	2.9
8.	Calif. Polytechnic St. U.-San Luis Obispo*	3.9	25.	Smith College (MA)	3.2	44.	California State U.-Los Angeles*	2.9
9.	Bucknell University (PA)	3.8	25.	U.S. Merchant Marine Acad. (NY)*	3.2	44.	Loyola University Maryland	2.9
10.	Embry-Riddle Aeronautical U. (FL)	3.6	25.	Univ. of Colo.-Colorado Springs*	3.2	44.	Maine Maritime Academy*	2.9
10.	United States Coast Guard Acad. (CT)*	3.6	25.	University of San Diego	3.2	44.	Mercer University (GA)	2.9
10.	Villanova University (PA)	3.6	25.	Virginia Military Institute*	3.2	44.	New York Inst. of Technology	2.9
13.	Baylor University (TX)	3.5	32.	Bradley University (IL)	3.1	44.	Northern Arizona University*	2.9
14.	Calif. State Poly. Univ.-Pomona*	3.4	32.	Rowan University (NJ)*	3.1	44.	Purdue University-Calumet (IN)*	2.9
14.	Milwaukee School of Engineering	3.4	32.	Trinity University (TX)	3.1	44.	San Francisco State University*	2.9
14.	Santa Clara University (CA)	3.4	35.	Boise State University (ID)*	3.0	44.	Seattle University	2.9
17.	The Citadel (SC)*	3.3	35.	Manhattan College (NY)	3.0	44.	University of Alaska-Anchorage*	2.9
17.	Embry-Riddle Aeronautical U.-Prescott (AZ)	3.3	35.	Miami University-Oxford (OH)*	3.0	44.	Univ. of Wisconsin-Platteville*	2.9
17.	Gonzaga University (WA)	3.3	35.	Oregon Inst. of Technology*	3.0			

Best in the Specialties >>>

(*Public)

AEROSPACE/AERONAUTICAL/ASTRONAUTICAL

- Embry-Riddle Aeronautical U. (FL)
- United States Air Force Acad. (CO)*
- Embry-Riddle Aeronautical U.-Prescott (AZ)
- United States Naval Academy (MD)*
- California Polytechnic State U.-San Luis Obispo*

BIOMEDICAL/BIOMEDICAL ENGINEERING

- Bucknell University (PA)
- Rose-Hulman Inst. of Tech. (IN)

CHEMICAL

- Rose-Hulman Inst. of Tech. (IN)
- Bucknell University (PA)
- Rowan University (NJ)*

CIVIL

- Rose-Hulman Inst. of Tech. (IN)
- United States Military Academy (NY)*
- California Polytechnic State U.-San Luis Obispo*
- Bucknell University (PA)
- United States Air Force Acad. (CO)*

COMPUTER ENGINEERING

- Rose-Hulman Inst. of Tech. (IN)
- Bucknell University (PA)
- California Polytechnic State U.-San Luis Obispo*
- Harvey Mudd College (CA)
- United States Air Force Acad. (CO)*

ELECTRICAL/ELECTRONIC/COMMUNICATIONS

- Rose-Hulman Inst. of Tech. (IN)
- Cooper Union (NY)
- Harvey Mudd College (CA)
- California Polytechnic State U.-San Luis Obispo*
- Franklin W. Olin College of Engineering (MA)

INDUSTRIAL/MANUFACTURING

- Kettering University (MI)

MECHANICAL

- Rose-Hulman Inst. of Tech. (IN)
- California Polytechnic State U.-San Luis Obispo*
- Cooper Union (NY)
- United States Military Academy (NY)*
- United States Naval Academy (MD)*

Note: Peer assessment survey conducted by Ipsos Public Affairs. 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. Extended undergraduate engineering rankings can be found at www.usnews.com/bestcolleges.

Top Programs >>> AT ENGINEERING SCHOOLS WHOSE HIGHEST DEGREE IS A DOCTORATE

Rank	School (State) (*Public)	Peer assessment score (5.0=highest)	Rank	School (State) (*Public)	Peer assessment score (5.0=highest)	Rank	School (State) (*Public)	Peer assessment score (5.0=highest)
1.	Massachusetts Inst. of Technology	4.9	23.	University of Washington*	3.6	53.	University of Delaware*	3.0
2.	Stanford University (CA)	4.8	30.	North Carolina State U.–Raleigh*	3.5	58.	Clemson University (SC)*	2.9
3.	California Institute of Technology	4.7	30.	Ohio State University–Columbus*	3.5	58.	Northeastern University (MA)	2.9
3.	University of California–Berkeley*	4.7	30.	University of California–Davis*	3.5	58.	Tufts University (MA)	2.9
5.	Georgia Institute of Technology*	4.5	30.	University of Pennsylvania	3.5	58.	University of Iowa*	2.9
5.	U. of Illinois–Urbana-Champaign*	4.5	34.	University of Colorado–Boulder*	3.4	58.	Univ. of Massachusetts–Amherst*	2.9
7.	University of Michigan–Ann Arbor*	4.4	34.	University of Florida*	3.4	58.	Worcester Polytechnic Inst. (MA)	2.9
8.	Carnegie Mellon University (PA)	4.3	34.	University of Virginia*	3.4	64.	Colorado State University*	2.8
8.	Cornell University (NY)	4.3	34.	Vanderbilt University (TN)	3.4	64.	Illinois Institute of Technology	2.8
10.	Princeton University (NJ)	4.1	34.	Yale University (CT)	3.4	64.	Michigan Technological University*	2.8
10.	Purdue Univ.–West Lafayette (IN)*	4.1	39.	Brown University (RI)	3.3	64.	Rochester Inst. of Technology (NY)	2.8
10.	University of Texas–Austin*	4.1	39.	Iowa State University*	3.3	64.	University at Buffalo–SUNY*	2.8
13.	Northwestern University (IL)	4.0	39.	Lehigh University (PA)	3.3	64.	University of Illinois–Chicago*	2.8
13.	Univ. of Wisconsin–Madison*	4.0	39.	Univ. of California–Santa Barbara*	3.3	64.	University of Kansas*	2.8
15.	Johns Hopkins University (MD)	3.9	39.	Washington University in St. Louis	3.3	64.	University of Rochester (NY)	2.8
16.	Pennsylvania State U.–University Park*	3.8	44.	Arizona State University*	3.2	64.	University of Tennessee*	2.8
16.	Rice University (TX)	3.8	44.	Case Western Reserve Univ. (OH)	3.2	64.	University of Utah*	2.8
16.	Texas A&M Univ.–College Station*	3.8	44.	Dartmouth College (NH)	3.2	64.	Washington State University*	2.8
16.	Virginia Tech*	3.8	44.	Michigan State University*	3.2	75.	Kansas State University*	2.7
20.	Columbia University (NY)	3.7	44.	University of California–Irvine*	3.2	75.	Missouri Univ. of Science & Technology*	2.7
20.	Duke University (NC)	3.7	44.	University of Notre Dame (IN)	3.2	75.	New Jersey Inst. of Technology*	2.7
20.	Univ. of California–Los Angeles*	3.7	50.	Rutgers, the St. U. of N.J.–New Brunswick*	3.1	75.	Oregon State University*	2.7
23.	Harvard University (MA)	3.6	50.	University of Arizona*	3.1	75.	Polytechnic Institute of New York Univ.	2.7
23.	Rensselaer Polytechnic Inst. (NY)	3.6	50.	University of Pittsburgh*	3.1	75.	Stevens Institute of Technology (NJ)	2.7
23.	Univ. of California–San Diego*	3.6	53.	Auburn University (AL)*	3.0	75.	Stony Brook–SUNY*	2.7
23.	Univ. of Maryland–College Park*	3.6	53.	Boston University	3.0	75.	Syracuse University (NY)	2.7
23.	Univ. of Minnesota–Twin Cities*	3.6	53.	Colorado School of Mines*	3.0	75.	University of Cincinnati*	2.7
23.	Univ. of Southern California	3.6	53.	Drexel University (PA)	3.0	75.	University of Connecticut*	2.7

Best in the Specialties >>>

(*Public)

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

AGRICULTURAL

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

BIOMEDICAL/BIOMEDICAL ENGINEERING

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

CHEMICAL

1. Massachusetts Inst. of Technology
2. University of California–Berkeley*
3. Univ. of Wisconsin–Madison*
4. University of Texas–Austin*
5. Univ. of Minnesota–Twin Cities*

CIVIL

1. U. of Illinois–Urbana-Champaign*
2. University of California–Berkeley*
3. Georgia Institute of Technology*
4. Stanford University (CA)
5. University of Texas–Austin*

COMPUTER ENGINEERING

1. Massachusetts Inst. of Technology
2. Stanford University (CA)
3. University of California–Berkeley*
4. Carnegie Mellon University (PA)
5. U. of Illinois–Urbana-Champaign*

ELECTRICAL/ELECTRONIC/COMMUNICATIONS

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

ENGINEERING SCIENCE/ENGINEERING PHYSICS

1. Cornell University (NY)
2. California Institute of Technology
2. U. of Illinois–Urbana-Champaign*
4. University of California–Berkeley*
5. Stanford University (CA)
5. Virginia Tech*

ENVIRONMENTAL/ENVIRONMENTAL HEALTH

1. Stanford University (CA)
2. Georgia Institute of Technology*
3. University of California–Berkeley*
4. U. of Illinois–Urbana-Champaign*
5. University of Michigan–Ann Arbor*

INDUSTRIAL/MANUFACTURING

1. Georgia Institute of Technology*
2. University of Michigan–Ann Arbor*
3. University of California–Berkeley*
4. Purdue Univ.–West Lafayette (IN)*
4. Stanford University (CA)

MATERIALS

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

MECHANICAL

1. Massachusetts Inst. of Technology
2. University of California–Berkeley*
3. Georgia Institute of Technology*
4. University of Michigan–Ann Arbor*
5. U. of Illinois–Urbana-Champaign*