

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 2011. 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 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 that grant doctorates, whose programs are ranked separately, may boast a wider range of offerings at the undergraduate level. Thirty-five 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.	Harvey Mudd College (CA)	4.4	16.	Embry-Riddle Aero. U.-Prescott (AZ)	3.4	27.	University of Michigan-Dearborn*	3.2
1.	Rose-Hulman Inst. of Tech. (IN)	4.4	16.	Lafayette College (PA)	3.4	27.	University of San Diego	3.2
3.	United States Military Academy (NY)*	4.2	16.	Rowan University (NJ)*	3.4	27.	Valparaiso University (IN)	3.2
4.	Cooper Union (NY)	4.1	16.	Union College (NY)	3.4	37.	Boise State University (ID)*	3.1
5.	Calif. Polytech. St. U.-San Luis Obispo*	4.0	21.	The Citadel (SC)*	3.3	37.	Univ. of Massachusetts-Dartmouth*	3.1
5.	United States Air Force Acad. (CO)*	4.0	21.	Miami University-Oxford (OH)*	3.3	37.	University of Portland (OR)	3.1
5.	United States Naval Academy (MD)*	4.0	21.	Santa Clara University (CA)	3.3	40.	Brigham Young University-Idaho	3.0
8.	Franklin W. Olin Col. of Eng. (MA)	3.9	21.	Smith College (MA)	3.3	40.	California State U.-Los Angeles*	3.0
9.	Bucknell University (PA)	3.8	21.	Trinity University (TX)	3.3	40.	Lawrence Technological Univ. (MI)	3.0
10.	Villanova University (PA)	3.7	21.	Virginia Military Institute*	3.3	40.	Loyola University Maryland	3.0
11.	Embry-Riddle Aeronautical U. (FL)	3.6	27.	Bradley University (IL)	3.2	40.	Manhattan College (NY)	3.0
11.	Milwaukee School of Engineering	3.6	27.	Gonzaga University (WA)	3.2	40.	Mercer University (GA)	3.0
13.	Baylor University (TX)	3.5	27.	Kettering University (MI)	3.2	40.	Montana Tech of the Univ. of Mont.*	3.0
13.	Swarthmore College (PA)	3.5	27.	Loyola Marymount University (CA)	3.2	40.	Ohio Northern University	3.0
13.	United States Coast Guard Acad. (CT)*	3.5	27.	San Jose State University (CA)*	3.2	40.	Seattle University	3.0
16.	Calif. State Polytechnic Univ.-Pomona*	3.4	27.	U.S. Merchant Marine Acad. (NY)*	3.2	40.	Texas Christian University	3.0
			27.	Univ. of Colo.-Colorado Springs*	3.2	40.	University of the Pacific (CA)	3.0

Best in the Specialties

(*Public)

AEROSPACE/AERONAUTICAL/ASTRONAUTICAL

1. Embry-Riddle Aeronautical U. (FL)
2. United States Air Force Acad. (CO)*
3. Embry-Riddle Aero. U.-Prescott (AZ)

CHEMICAL

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

CIVIL

1. Rose-Hulman Inst. of Tech. (IN)
2. United States Military Academy (NY)*
3. Calif. Polytechnic St. U.-San Luis Obispo*
4. Bucknell University (PA)
5. Cooper Union (NY)

COMPUTER ENGINEERING

1. Rose-Hulman Inst. of Tech. (IN)
2. Calif. Polytechnic St. U.-San Luis Obispo*
3. Bucknell University (PA)
3. Harvey Mudd College (CA)

ELECTRICAL/ELECTRONIC/COMMUNICATIONS

1. Rose-Hulman Inst. of Tech. (IN)
2. Cooper Union (NY)
3. Calif. Polytechnic St. U.-San Luis Obispo*
4. Harvey Mudd College (CA)
5. United States Air Force Acad. (CO)*

MECHANICAL

1. Rose-Hulman Inst. of Tech. (IN)
2. Kettering University (MI)
3. Calif. Polytechnic St. U.-San Luis Obispo*
4. Cooper Union (NY)
4. 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.

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	27.	Harvard University (MA)	3.5	52.	Dartmouth College (NH)	3.0
2.	Stanford University (CA)	4.8	27.	North Carolina State U.-Raleigh*	3.5	52.	Drexel University (PA)	3.0
3.	University of California-Berkeley*	4.7	27.	Ohio State University-Columbus*	3.5	52.	Univ. of Massachusetts-Amherst*	3.0
4.	California Institute of Technology	4.6	27.	Rensselaer Polytechnic Inst. (NY)	3.5	57.	Auburn University (AL)*	2.9
5.	Georgia Institute of Technology*	4.5	27.	University of Florida*	3.5	57.	Northeastern University (MA)	2.9
6.	U. of Illinois-Urbana-Champaign*	4.4	27.	University of Pennsylvania	3.5	57.	Tufts University (MA)	2.9
6.	University of Michigan-Ann Arbor*	4.4	27.	Univ. of Southern California	3.5	57.	University at Buffalo-SUNY*	2.9
8.	Carnegie Mellon University (PA)	4.3	34.	University of California-Davis*	3.4	57.	University of Delaware*	2.9
9.	Cornell University (NY)	4.2	34.	University of Colorado-Boulder*	3.4	57.	University of Iowa*	2.9
9.	Purdue Univ.-West Lafayette (IN)*	4.2	34.	University of Virginia*	3.4	57.	University of Rochester (NY)	2.9
11.	Princeton University (NJ)	4.1	34.	Vanderbilt University (TN)	3.4	57.	University of Tennessee*	2.9
11.	University of Texas-Austin*	4.1	38.	Iowa State University*	3.3	57.	Worcester Polytechnic Inst. (MA)	2.9
13.	Northwestern University (IL)	4.0	38.	Univ. of California-Santa Barbara*	3.3	66.	Clemson University (SC)*	2.8
13.	Univ. of Wisconsin-Madison*	4.0	38.	Washington University in St. Louis	3.3	66.	Colorado State University*	2.8
15.	Johns Hopkins University (MD)	3.9	38.	Yale University (CT)	3.3	66.	Illinois Institute of Technology	2.8
15.	Virginia Tech*	3.9	42.	Arizona State University*	3.2	66.	Kansas State University*	2.8
17.	Pennsylvania State U.-University Park*	3.8	42.	Brown University (RI)	3.2	66.	Michigan Technological University*	2.8
17.	Rice University (TX)	3.8	42.	Case Western Reserve Univ. (OH)	3.2	66.	Rochester Inst. of Technology (NY)	2.8
17.	Texas A&M Univ.-College Station*	3.8	42.	Lehigh University (PA)	3.2	66.	Stony Brook University-SUNY*	2.8
20.	Columbia University (NY)	3.7	42.	University of California-Irvine*	3.2	66.	Syracuse University (NY)	2.8
20.	Univ. of California-Los Angeles*	3.7	42.	University of Notre Dame (IN)	3.2	66.	University of Utah*	2.8
20.	Univ. of California-San Diego*	3.7	48.	Michigan State University*	3.1	66.	Washington State University*	2.8
20.	University of Washington*	3.7	48.	Rutgers, St. U. of N.J.-New Brunswick*	3.1	76.	Clarkson University (NY)	2.7
24.	Duke University (NC)	3.6	48.	University of Arizona*	3.1	76.	Polytechnic Inst. of New York U. (NY)	2.7
24.	Univ. of Maryland-College Park*	3.6	48.	University of Pittsburgh*	3.1	76.	Stevens Institute of Technology (NJ)	2.7
24.	Univ. of Minnesota-Twin Cities*	3.6	52.	Boston University	3.0	76.	University of Connecticut*	2.7
			52.	Colorado School of Mines*	3.0	76.	University of Illinois-Chicago*	2.7
						76.	University of Kansas*	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

BIOLOGICAL/AGRICULTURAL

1. Purdue Univ.-West Lafayette (IN)*
2. Iowa State University*
2. U. of Illinois-Urbana-Champaign*
4. Cornell University (NY)
4. University of Florida*

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. Stanford University (CA)
4. California Institute of Technology
4. Univ. of Minnesota-Twin Cities*

CIVIL

1. University of California-Berkeley*
2. U. of Illinois-Urbana-Champaign*
3. Georgia Institute of Technology*
4. Stanford University (CA)
5. Purdue Univ.-West Lafayette (IN)*

COMPUTER ENGINEERING

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

ELECTRICAL/ELECTRONIC/COMMUNICATIONS

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

ENGINEERING SCIENCE/ENGINEERING PHYSICS

1. California Institute of Technology
2. Cornell University (NY)
2. U. of Illinois-Urbana-Champaign*

ENVIRONMENTAL/ENVIRONMENTAL HEALTH

1. Stanford University (CA)
2. University of California-Berkeley*

3. Georgia Institute of Technology*
4. U. of Illinois-Urbana-Champaign*
5. Johns Hopkins University (MD)
5. University of Texas-Austin*

INDUSTRIAL/MANUFACTURING

1. Georgia Institute of Technology*
2. University of Michigan-Ann Arbor*
3. University of California-Berkeley*
4. Pennsylvania State U.-University Park*
5. Purdue Univ.-West Lafayette (IN)*
5. Stanford University (CA)

MATERIALS

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

MECHANICAL

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