

# Best Undergraduate Engineering Programs

Think your future lies in engineering? On these pages, you'll find the *U.S. News* rankings of undergraduate programs accredited by the Accreditation Board for Engineering and Technology. The rankings are based solely on a peer survey of deans and senior faculty that asked them to rate each program they are familiar with on a scale from 1 (marginal) to 5 (distinguished). On the next page are programs at schools that offer doctorates, which often means a wider range of of-

ferings at the undergraduate level. Students who prefer a program focused on undergraduates can use the list below of top programs at schools whose terminal degree is the bachelor's or master's. Forty-five percent of those surveyed returned ratings of the group below; 59 percent did so in the doctorate group. Respondents were also asked to name the best programs in specialty areas; the five schools receiving the most mentions in each category appear here.

## BEST PROGRAMS

At engineering schools whose highest degree is a bachelor's or master's (\*Public)

Rank	School (*Public)	Peer assessment score (5.0=highest)	Rank	School (*Public)	Peer assessment score (5.0=highest)	Rank	School (*Public)	Peer assessment score (5.0=highest)
1.	Harvey Mudd College (CA)	4.5	16.	Rowan University (NJ)*	3.3	31.	Trinity University (TX)	3.0
1.	Rose-Hulman Inst. of Tech. (IN)	4.5	16.	San Jose State University (CA)*	3.3	31.	U.S. Merchant Marine Acad. (NY)*	3.0
3.	Cooper Union (NY)	4.2	16.	Union College (NY)	3.3	31.	University of Michigan–Dearborn*	3.0
4.	Cal Poly–San Luis Obispo*	4.0	20.	Baylor University (TX)	3.2	31.	University of Portland (OR)	3.0
5.	United States Military Academy (NY)*	3.9	20.	Bradley University (IL)	3.2	31.	Webb Institute (NY)	3.0
5.	United States Naval Academy (MD)*	3.9	20.	Embry Riddle Aeronaut. U.–Prescott (AZ)	3.2	38.	Boise State University (ID)*	2.9
7.	Bucknell University (PA)	3.8	20.	Santa Clara University (CA)	3.2	38.	California State U.–Northridge*	2.9
7.	United States Air Force Acad. (CO)*	3.8	20.	Valparaiso University (IN)	3.2	38.	The Citadel (SC)*	2.9
9.	Embry Riddle Aeronautical U. (FL)	3.6	25.	Gonzaga University (WA)	3.1	38.	Manhattan College (NY)	2.9
9.	Villanova University (PA)	3.6	25.	Loyola Marymount University (CA)	3.1	38.	Mercer University (GA)	2.9
11.	Kettering University (MI)	3.4	25.	Smith College (MA)	3.1	38.	Miami University–Oxford (OH)*	2.9
11.	Lafayette College (PA)	3.4	25.	Univ. of Colo.–Colorado Springs*	3.1	38.	Northern Arizona University*	2.9
11.	Milwaukee School of Engineering	3.4	25.	University of San Diego	3.1	38.	University of Detroit Mercy	2.9
11.	Swarthmore College (PA)	3.4	25.	Virginia Military Institute*	3.1	38.	University of Minnesota–Duluth*	2.9
11.	United States Coast Guard Acad. (CT)*	3.4	31.	California State U.–Los Angeles*	3.0			
16.	Calif. State Poly. Univ.–Pomona*	3.3	31.	St. Louis University	3.0			

## SPECIALTIES

At schools whose highest degree is a bachelor's or master's (\*Public)

### AEROSPACE/AERONAUTICAL/ASTRONAUTICAL

- Embry Riddle Aeronautical U. (FL)
- United States Air Force Acad. (CO)\*
- Embry Riddle Aeronaut. U.–Prescott (AZ)
- United States Naval Academy (MD)\*
- Cal Poly–San Luis Obispo\*

### CHEMICAL

- Rose-Hulman Inst. of Tech. (IN)
- Rowan University (NJ)\*
- Cooper Union (NY)
- Bucknell University (PA)
- University of Minnesota–Duluth\*

### CIVIL

- Rose-Hulman Inst. of Tech. (IN)
- United States Military Academy (NY)\*
- Bucknell University (PA)
- Cal Poly–San Luis Obispo\*
- Cooper Union (NY)
- Harvey Mudd College (CA)

### COMPUTER ENGINEERING

- Rose-Hulman Inst. of Tech. (IN)
- Harvey Mudd College (CA)
- Cal Poly–San Luis Obispo\*
- Cooper Union (NY)
- San Jose State University (CA)\*

### ELECTRICAL/ELECTRONIC/COMMUNICATIONS

- Rose-Hulman Inst. of Tech. (IN)
- Cooper Union (NY)
- Cal Poly–San Luis Obispo\*
- Harvey Mudd College (CA)
- United States Naval Academy (MD)\*

### INDUSTRIAL/MANUFACTURING

- Kettering University (MI)
- Cal Poly–San Luis Obispo\*
- Bradley University (IL)
- Milwaukee School of Engineering
- San Jose State University (CA)\*

### MECHANICAL

- Rose-Hulman Inst. of Tech. (IN)
- Cooper Union (NY)
- Cal Poly–San Luis Obispo\*
- Kettering University (MI)
- Bucknell University (PA)

**NOTE:** Peer assessment survey conducted by Synovate. To be ranked in a specialty, a school must 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 were added to the bachelor's and master's category.

**BEST PROGRAMS**

At engineering schools whose highest degree is a doctorate (\*Public)

Rank	School (*Public)	Peer assessment score (5.0=highest)	Rank	School (*Public)	Peer assessment score (5.0=highest)	Rank	School (*Public)	Peer assessment score (5.0=highest)
1.	Massachusetts Inst. of Technology	4.9	25.	Ohio State University–Columbus*	3.6	48.	University of California–Irvine*	3.1
2.	Stanford University (CA)	4.7	25.	Univ. of California–San Diego*	3.6	52.	Colorado School of Mines*	3.0
2.	University of California–Berkeley*	4.7	25.	Univ. of Maryland–College Park*	3.6	52.	University of Delaware*	3.0
4.	California Institute of Technology	4.6	29.	North Carolina State U.–Raleigh*	3.5	52.	Univ. of Massachusetts–Amherst*	3.0
5.	Georgia Institute of Technology*	4.5	29.	University of Florida*	3.5	52.	University of Missouri–Rolla*	3.0
5.	U. of Illinois–Urbana-Champaign*	4.5	29.	University of Pennsylvania	3.5	52.	University of Pittsburgh*	3.0
7.	Cornell University (NY)	4.4	29.	Univ. of Southern California	3.5	57.	Auburn University (AL)*	2.9
7.	University of Michigan–Ann Arbor*	4.4	33.	Harvard University (MA)	3.4	57.	Boston University	2.9
9.	Carnegie Mellon University (PA)	4.2	33.	University of California–Davis*	3.4	57.	Clemson University (SC)*	2.9
9.	Purdue Univ.–West Lafayette (IN)*	4.2	33.	University of Colorado–Boulder*	3.4	57.	Colorado State University*	2.9
9.	University of Texas–Austin*	4.2	33.	University of Virginia*	3.4	57.	Drexel University (PA)	2.9
12.	Princeton University (NJ)	4.1	37.	Arizona State University*	3.3	57.	Illinois Institute of Technology	2.9
13.	Univ. of Wisconsin–Madison*	4.0	37.	Case Western Reserve Univ. (OH)	3.3	57.	Northeastern University (MA)	2.9
14.	Johns Hopkins University (MD)	3.9	37.	Iowa State University*	3.3	57.	Tufts University (MA)	2.9
14.	Northwestern University (IL)	3.9	37.	Lehigh University (PA)	3.3	57.	University at Buffalo–SUNY*	2.9
14.	Virginia Tech*	3.9	37.	Univ. of California–Santa Barbara*	3.3	57.	University of Illinois–Chicago*	2.9
17.	Pennsylvania State U.–Univ. Park*	3.8	37.	Yale University (CT)	3.3	57.	University of Iowa*	2.9
17.	Rice University (TX)	3.8	43.	Brown University (RI)	3.2	57.	University of Tennessee*	2.9
17.	Texas A&M Univ.–College Station*	3.8	43.	Michigan State University*	3.2	57.	Worcester Polytechnic Inst. (MA)	2.9
20.	Columbia University (NY)	3.7	43.	University of Notre Dame (IN)	3.2	70.	Kansas State University*	2.8
20.	Rensselaer Polytechnic Inst. (NY)	3.7	43.	Vanderbilt University (TN)	3.2	70.	Michigan Technological University*	2.8
20.	Univ. of California–Los Angeles*	3.7	43.	Washington University in St. Louis	3.2	70.	Rochester Inst. of Technology (NY)	2.8
20.	Univ. of Minnesota–Twin Cities*	3.7	48.	Dartmouth College (NH)	3.1	70.	SUNY–Stony Brook*	2.8
20.	University of Washington*	3.7	48.	Rutgers, the St. U. of N.J.–New Brunswick* 3.1		70.	University of Utah*	2.8
25.	Duke University (NC)	3.6	48.	University of Arizona*	3.1	70.	Washington State University*	2.8

**SPECIALTIES**

At schools whose highest degree is a doctorate (\*Public)

**AEROSPACE/AERONAUTICAL/  
ASTRONAUTICAL**

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

**AGRICULTURAL**

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

**BIOMEDICAL/BIOMEDICAL ENGINEERING**

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

**CHEMICAL**

1. Massachusetts Inst. of Technology
2. University of California–Berkeley\*
3. Univ. of Minnesota–Twin Cities\*
4. Stanford University (CA)
5. Univ. of Wisconsin–Madison\*

**CIVIL**

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

**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. University of California–Berkeley\*
3. Stanford University (CA)
4. U. of Illinois–Urbana-Champaign\*
5. University of Michigan–Ann Arbor\*

**ENGINEERING SCIENCE/  
ENGINEERING PHYSICS**

1. Cornell University (NY)
2. University of California–Berkeley\*
3. U. of Illinois–Urbana-Champaign\*
4. California Institute of Technology
5. Pennsylvania State U.–University Park\*

5. Princeton University (NJ)
5. University of Michigan–Ann Arbor\*

**ENVIRONMENTAL/  
ENVIRONMENTAL HEALTH**

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

**INDUSTRIAL/MANUFACTURING**

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

**MATERIALS**

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

**MECHANICAL**

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