

Key Stats

Departments and Schools (11) Program (1)

<https://www.engineering.cornell.edu/about/engineering-college-leadership>

Department/School	Director/Chair
School of Applied and Engineering Physics	Chris Xu
Department of Biological and Environmental Engineering	John March
Nancy E. and Peter C. Meinig School of Biomedical Engineering	Marjolein van der Meulen
Robert Frederick Smith School of Chemical and Biomolecular Engineering	Abraham Stroock
School of Civil and Environmental Engineering	Linda K. Nozick
Department of Computer Science	Eva Tardos
Department of Earth and Atmospheric Sciences	Geoff Abers
School of Electrical and Computer Engineering	Alyssa Apsel
Department of Materials Science and Engineering	Lara Estroff
Sibley School of Mechanical and Aerospace Engineering	David Erickson
School of Operations Research and Information Engineering	Mark Lewis
Systems Engineering Program	H. Oliver Gao



Undergraduate Majors (B.S.) (14)

<https://www.engineering.cornell.edu/students/undergraduate-students/curriculum/majors-and-minors>



Biological Engineering*	Engineering Physics
Biomedical Engineering	Environmental Engineering*
Chemical Engineering*	Independent Major
Civil Engineering*	Information Science, Systems and Technology
Computer Science	Materials Science and Engineering*
Earth and Atmospheric Sciences	Mechanical Engineering*
Electrical and Computer Engineering*	Operations Research Engineering

*ABET Accredited

Graduate Fields (M.Eng., M.S. and Ph.D.) (21)

Aerospace Engineering	Engineering Physics (M.Eng. only)
Applied Mathematics (Ph.D.)	Geological Sciences (M.S. and Ph.D.)
Applied Physics (Ph.D.)	Information Science (M.S. and Ph.D.)
Biological and Environmental Engineering (M.S. and Ph.D.)	Materials Science and Engineering
Biomedical Engineering (M.Eng. and Ph.D.)	Mechanical Engineering
Chemical Engineering	Operations Research and Information Engineering (M.Eng. and Ph.D.)
Civil and Environmental Engineering	Operations Research (Ph.D.)
Computer Science	Statistics (M.S. and Ph.D.)
Electrical and Computer Engineering	Systems Engineering (M.Eng. and Ph.D.)
Engineering Management (M.Eng. only)	Theoretical and Applied Mechanics (M.S. and Ph.D.)
Engineering Mechanics (M.Eng. only)	



U.S. News & World Report Rankings

Best Undergraduate Engineering Programs (Schools offering doctorates)
(Released September 2020, 2021 Edition)

Cornell University	#18
College of Engineering	#9

Undergraduate Engineering Specialties

(Released September 2020, 2021 Edition)

Department/Field	Ranking
Aerospace/Aeronautical/Astronautical	#20
Biological/Agricultural	#2
Biomedical Engineering	#15
Chemical	#13
Civil	#12
Computer	#9
Electrical/Electronic/Communications	#10
Environmental/Environmental Health	#9
Industrial/Manufacturing	#5
Materials	#7
Mechanical	#11

DID YOU KNOW?

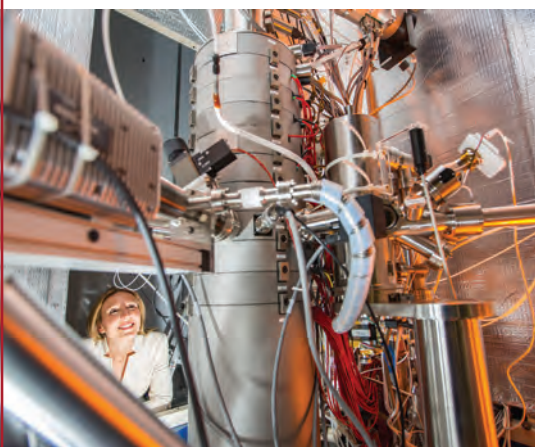
PitchBook Universities ranked Cornell University #6 for producing VC-backed entrepreneurs in 2019.



Robert F. Smith, ChemE '85, CEO and Founder of Vista Equity Partners, Cornell Entrepreneur of the Year 2017

DID YOU KNOW?

Forbes (August 17, 2015) ranked Cornell America's #4 Most Entrepreneurial University and #2 Most Important STEM College for Women (March 29, 2016).



To learn more about entrepreneurship at Cornell, please visit www.eship.cornell.edu

Best Engineering Graduate Schools

(Released March 2020, 2021 Edition)

College of Engineering, Cornell University	#14
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Engineering Graduate Program Specialty Rankings

(Released March 2020, 2021 Edition)

Department/Field	Ranking
Aerospace/Aeronautical/Astronautical	#12
Biological/Agricultural	#6
Biomedical	#16
Chemical	#16
Civil	#12
Computer	#9
Electrical	#9
Environmental	#9
Industrial/Manufacturing/Systems	#4
Materials	#10
Mechanical	#8

Enrollment

Engineering Undergraduate Enrollment (Fall 2020)

<https://www.engineering.cornell.edu/industry-partners/enrollment-statistics-and-post-graduate-data>

Total Undergraduate Student Enrollment	3,162
Percentage of Underrepresented Minority Undergraduate Students	22%*
Percentage of Women Undergraduate Students	50%
Percentage of International Undergraduate Students	10.5%

*Includes: American Indian, Black, Hawaiian/Pacific/Hispanic

Total Engineering Graduate Student Enrollment (Fall 2020)

irp.dpb.cornell.edu

Total Graduate Student Enrollment	1,953
Percentage of Underrepresented Minority Graduate Students	9.7%*
Percentage of Women Graduate Students	34.3%
Percentage of International Graduate Students	51.2%

*Includes: American Indian, Black, Hawaiian/Pacific/Hispanic

FUN FACT

Fall 2020 Freshman Engineering class enrollment was 50% female



The new face of engineering leadership. Cornell Engineering female student team leaders and subteam leaders gather for a group photo in the Experiential Learning Lab in the basement of Upson Hall.

Engineering Undergraduate Students By Primary Major (Fall 2020)

<https://www.profile.asee.org>

Major	Number of Students
Biological Engineering	22
Biomedical Engineering	86
Chemical Engineering	116
Civil Engineering	73
Computer Science	589
Earth and Atmospheric Sciences	7
Electrical and Computer Engineering	199
Engineering Physics	62
Environmental Engineering	32
Independent Major	14
Information Science Systems and Technology	52
Materials Science and Engineering	49
Mechanical Engineering	276
Operations Research and Information	165
Unaffiliated	1,418
Total Majors	3,162

Engineering Degrees Granted (Awarded in 2019)

<https://www.asee.org>

Total Bachelor's Degrees Granted	863
Total Master's Degrees Granted	1036
Total Doctoral Degrees Granted	169
Total Degrees Granted	2,068



*Lynden Archer
Joseph Silbert Dean of Engineering*

DID YOU KNOW?

In 1873, Dr. Estevan Fuertes, originally from Puerto Rico, becomes Cornell's first Dean and professor of Civil Engineering



Dr. Estevan Fuertes

College of Engineering Research Expenditures (FY 2019)

<https://www.asee.org>

Research Expenditures by External Funding Source:

Source	Funding Amount
Federal/National	\$117,266,756
State	\$4,978,396
Industry	\$13,386,489
Private/Non-profit	\$9,280,906
Individual	\$3,676,680
Foreign	\$45,656
Total	\$148,634,883

Engineering Faculty (FY 2020)

Source: Engineering HR

Includes Full and Part Time Tenured and Tenure Track Faculty

Tenure-Track Faculty	267
Full Professors	142
Associate Professors	60
Assistant Professors	65
Non-Tenure-Track Faculty	4
Professors	2
Assistant Research Professor	1
Research Professor	1

NEW ROBOTICS SUITE

Come play with us in the new robotics lab in Upson Hall.

Want to learn more about Cornell Robotics, visit:

www.robotics.cornell.edu



Professor Hadas Kress-Gazit

Affiliated Centers, Facilities, Laboratories, Institutes, and Programs

For a complete list visit: <https://www.cornell.edu/research/centers.cfm>

Alliance for Nanomedical Technologies (ANMT)	Institute of Biotechnology
Atkinson Center for a Sustainable Future (ACSF)	Institute for Comparative and Environmental Toxicology (ICET)
Center for Data Science for Enterprise and Society	Institute for Computational Sustainability (ICS)
Center for Transportation, Environment, and Community Health	Institute for Disease and Disaster Preparedness (IDDP)
Center for Vertebrate Genomics (CVG)	Institute for Resource Information Systems (IRIS)
Cornell Center for Advanced Computing (CAC)	Institute for the Study of the Continents (INSTOC)
Cornell Center for Materials Research (CCMR)	Laboratory of Atomic and Solid State Physics (LASSP)
Cornell Energy Systems Institute	Laboratory of Plasma Studies (LPS)
Cornell High Energy Synchrotron Source (CHESS)	New York State Water Resources Institute (NYSWRI)
Cornell IGERT~ Cross-Scale Biogeochemistry and Climate	Northeast Regional Climate Center (NRCC)
Cornell NanoScale Science and Technology Facility (CNF)	Platform for the Accelerated Realization, Analysis, and Discovery of Interface Materials (PARADIM)
Cornell Center for Astrophysics and Planetary Science (CCAPS)	Program for Biogeochemistry and Environmental Biocomplexity
Cornell Waste Management Institute (CWMI)	Center for Transportation, Environment and Community Health (CTECH)
DeFrees Hydraulic Laboratory	Weill Institute for Cell and Molecular Biology
Developmental Resource for Biophysical Imaging Opto-electronics (DRBIO)	





About Cornell University

<http://www.cornell.edu/about>

Cornell is a privately endowed research university and a partner of the State University of New York. As the federal land-grant institution in New York State, we have a responsibility—unique within the Ivy League—to make contributions in all fields of knowledge in a manner that prioritizes public engagement to help improve the quality of life in our state, the nation, and the world.

Mission

<http://www.cornell.edu/about/mission.cfm>

Cornell’s mission is to discover, preserve, and disseminate knowledge; produce creative work; and promote a culture of broad inquiry throughout and beyond the Cornell community. Cornell also aims, through public service, to enhance the lives and livelihoods of our students, the people of New York, and others around the world.

Undergraduate Colleges and Schools (9)

<http://www.cornell.edu/academics/colleges.cfm>

Colleges/School/Faculty	Dean
College of Agriculture and Life Sciences	Benjamin Z. Houlton
College of Architecture, Art and Planning	J. Meejin Yoon
College of Arts and Sciences	Ray Jayawardhana
Cornell SC Johnson College of Business	Kevin Hallock
Charles H. Dyson School of Applied Economics and Management	David J. Nolan
College of Engineering	Lynden Archer
College of Human Ecology	Rachel Dunifon
School of Industrial and Labor Relations	Alexander Colvin
School of Hotel Administration	Kate Walsh
Faculty of Computing and Information Science	Kavita Bala
School of Public Policy	TBA

DID YOU KNOW?

Cornell University was founded in 1865 by Ezra Cornell who in his 1868 inaugural address stated, “I would found an institution where any person can find instruction in any study.” That same year, Cornell enrolled its first student of African decent, and in 1870 its first female student, becoming the first coeducational school in the Ivy League.



William Bowler, became Cornell’s first student of African decent in 1869

Graduate Colleges and Schools (9)

<http://www.cornell.edu/academics/colleges.cfm>

Colleges/School	Dean
Samuel Curtis Johnson Graduate School of Management	Mark Nelson
Cornell Tech (New York City)	Greg Morrisett
Cornell Law School	Eduardo M. Peñalver
College of Veterinary Medicine	Lorin D. Warnick
Graduate School	Kathryn J. Boor
Weill Cornell Medicine (New York City)	Augustine M.K. Choi
Weill Cornell Medicine (Doha, Qatar)	Javaid I. Sheikh
Weill Cornell Graduate School of Medical Sciences (New York City)	Gary Koretzky
School of Continuing Education and Summer Session	Glenn C. Altschuler



Total Student Enrollment (Fall 2020)

<http://irp.dpb.cornell.edu>

Includes full and part time students on Ithaca, Cornell Tech and NYC campuses

Total Student Enrollment	23,620
Undergraduate	14,743
Graduate	6,239
Professional (Law, Johnson School of Management and the Veterinary School)	2,683



Faculty (Fall 2019)

<http://irp.dpb.cornell.edu>

Includes full and part time faculty on Ithaca, Cornell Tech and NYC campuses

Total Faculty	1,684
Full Professors	849
Associate Professors	422
Assistant Professors	358
Underrepresented Minority Faculty*	144
Women Faculty	575
Academic Professionals (lecturers, instructors, scientists and librarians)	1,114
Underrepresented Minority Academic Professionals*	73
Women	552

*Includes: American Indian, Black, Hawaiian/Pacific/Hispanic

Total Degrees Granted (2018-19 school year)

<http://irp.dpb.cornell.edu>

Numbers for Ithaca, Cornell Tech and NYC campuses

Baccalaureate	3,796
Master	2,778
Ph.D., JSD, DMA	531
DVM	97
JD	194
Total Degrees Granted	7,396



*IRP data updated July 25, 2019

About Ithaca



<http://www.visitithaca.com>

Twenty-three hundred acres at the heart of New York's Finger Lakes region. With over 150 waterfalls within 10 square miles, wineries and breweries galore... you'll only understand how much it can hold for you once you see it for yourself.

Contact Us

Office of Corporate Relations and Foundation Relations

Tap into world class faculty and students that aren't afraid to question industry norms. Our office will help you connect with a diverse population of skilled, curious, and innovative engineers eager to explore both fundamental science and cutting-edge applications. Whether you are a small business, a large corporation, or a lean start-up, we want you to connect with us. We are flexible and our corporate collaborations can be shaped to fit your needs. Cornell Engineers are some of the best and the brightest in the world. Working together to support innovation, promote technological breakthroughs, and build lasting relationships that benefit both you and Cornell. Contact us today to explore what is possible.



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Engineering Career Center

What it means to collaborate with Cornell Engineering

Collaboration and a spirit of innovation are deeply woven into our culture. It's one way we make a difference. And it makes us different, too.

Our people, our entrepreneurial tradition, and our relationships with industry, foundations, government, and alumni, make us uniquely qualified to support the broad interests of our affiliates.

www.engineernig.cornell.edu/industry-partners
eng-career@cornell.edu
607-255-5006