



University at Buffalo
School of Engineering
and Applied Sciences

Here is how we prepare our students to define the future.

A world-leading research university with a small-school atmosphere—that combination is what makes an education here so powerful. As a student, you will benefit from opportunities one could only find at the largest public school of engineering in New York State, while also receiving individualized attention from caring and engaged faculty. No wonder our school and its eight departments are ranked among the best in the country; our depth and breadth make all the difference.

Our students gain hands-on research experience, follow their own ideas, learn from their mistakes, and emerge with the training and know-how to do meaningful work that changes lives.



By tackling big problems—together

1 Using nanotechnology to treat cancer. Eliminating greenhouse gases. Restoring and improving urban infrastructure. Harnessing the power of big data. Securing cyberspace. Here is where you can wrestle with today's toughest challenges while learning from the top minds in your field. Our faculty are internationally recognized experts who will guide your pursuit of knowledge. The only limit is your imagination.

By providing real-world opportunities to engineer, from day one

2 Right from the start of your first year, you can engage with companies, government agencies and researchers to ensure you are well-prepared to succeed after graduation. Gain hands-on design and leadership skills through our experiential learning programs. Participate in national conferences and competitions. Join one of our 40 student clubs and organizations. At UB, you will gain the skills you need to solve real-world problems.

Through connections to our awesome alumni network ...

3 Among our graduates are CEOs of corporations, computer industry pioneers, the late inventor of the cardiac pacemaker and the director of NASA's Goddard Space Center. Our 30,000+ alumni support the school in innumerable ways—including by providing mentoring and internship opportunities for current students.

... and to the business community

4 Our industry partners provide job opportunities, internships, design projects, site visits, job shadowing, training and financial support. The entrepreneurial culture in Buffalo affords unique opportunities to participate in all kinds of business competitions. Here you will learn to work across disciplines in meaningful collaborations and take your ideas to the marketplace.

By inspiring the next generation of engineers

5 Share your knowledge by participating in our community-based outreach programs. You can teach and mentor students in grades K-12, volunteer in one of our summer camps, or start your own outreach event. We are committed to making careers in science and engineering accessible to all.

[QUICK FACTS]

FOUNDED
1946

DEAN
Liesl Folks

STUDENTS AND FACULTY

- 4,100 undergraduate students
- 1,800 graduate students
- 198 full-time faculty

RESEARCH
\$58.6 million in annual research expenditures

DEPARTMENTS

- Biomedical engineering
- Chemical and biological engineering
- Civil, structural and environmental engineering
- Computer science and engineering
- Electrical engineering
- Industrial and systems engineering
- Materials design and innovation
- Mechanical and aerospace engineering

AFFILIATION
Member of the Association of American Universities (AAU)