School of Engineering and Applied Sciences

The School of Engineering and Applied Sciences is the largest and most comprehensive public school of engineering in New York State, and is known globally for its world-class research.

FACULTY
164

ALUMNI
30,000 alumni in 50 states and 70 countries

DEGREES AWARDED IN 2014-2015
› 782 bachelor's
› 815 master's
› 78 doctorates

ANNUAL RESEARCH EXPENDITURE
$58.6 million

ENGINEERING TEACHING AND RESEARCH AREAS
› Aerospace Engineering
› Bioinformatics
› Biomedical Engineering
› Chemical Engineering
› Civil Engineering
› Computer Engineering
› Computer Science
› Electrical Engineering
› Engineering Physics
› Environmental Engineering
› Industrial Engineering
› Materials Science and Engineering
› Mechanical Engineering

New Research Centers

INSTITUTE FOR THE STRATEGIC ENHANCEMENT OF EDUCATIONAL DIVERSITY (iSEED)
The iSEED is a university-wide institute building an inclusive community of scholars focused on excellence in education, engagement in research, mentoring and enhancement of professional development. buffalo.edu/iseed

HOME HEALTH AND WELL-BEING THROUGH ADAPTIVE SMART ENVIRONMENTS (HOME-BASE)
Home-BASE is a joint initiative between the schools of Engineering, Nursing, Architecture and Planning, and Public Health and Health Professions. Research and education programs are being developed in three areas: environments for health and well-being, integrated assistive technologies, and home health informatics. ubhomebase.org

INSTITUTE OF BRIDGE ENGINEERING (IBE)
The IBE enables practicing engineers, researchers and students to collaborate on many levels to advance sustainable bridge design, construction and preservation. Concurrently, students are mentored so that they gain the knowledge and managerial skills needed to assume stewardship of the nation’s bridge infrastructure enterprise in the future. buffalo.edu/ibe

FOR MORE INFORMATION, CONTACT
School of Engineering and Applied Sciences
716.645.2771
ub-seas@buffalo.edu
engineering.buffalo.edu

SUCCESSES
Phillip Tucciarone, a chemical and biological engineering student, won a Marshall Scholarship in 2014. It is one of the most prestigious scholarships awarded annually to U.S. college students, and will finance Tucciarone’s graduate study at a university in the United Kingdom.

RECENT STUDENT HONORS
Two student teams achieved notable success in national competitions. An Industrial & Systems Engineering team placed second in the prestigious General Electric Challenge, while a Mechanical & Aerospace Engineering team earned a top spot in the SAE Clean Snowmobile Competition. Four students received SUNY Chancellor’s awards.

RECENT FACULTY HONORS
National Science Foundation CAREER award recipients
› Steven Ko, Computer Science and Engineering
› Iman Borazjani, Mechanical and Aerospace Engineering

SEAS HIGHLIGHTS
59th Best graduate engineering school, according to U.S. News & World Report, 2015
63rd Best undergraduate engineering school, according to U.S. News & World Report, 2015

FOUNDED
1946

DEAN
Liesl Folks

STUDENT BODY
› 3,478 undergraduates
› 1,769 graduate students

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