THE COLLEGE OF ENGINEERING AND APPLIED SCIENCES of the University at Albany, SUNY offers a variety of undergraduate and graduate degree programs in computer science, computer engineering, and informatics. The College continues to innovate as it increases the number of courses offered online and to add strategically identified departments and programs in engineering and related areas that will create new paths of excellence in computing and engineering studies and will better educate students to meet the demands of academe, government, and industry.

COMPUTER SCIENCE DEGREES

B.A. IN COMPUTER SCIENCE

B.S. IN COMPUTER SCIENCE

B.S. IN COMPUTER SCIENCE & APPLIED MATHEMATICS
  • General concentration
  • Data Analytics concentration

COMBINED B.S./M.S. IN COMPUTER SCIENCE

M.S. IN COMPUTER SCIENCE

PH.D. IN COMPUTER SCIENCE

INFORMATICS DEGREE

B.S. IN INFORMATICS
  • Cyber-security
  • Interactive User Experience
  • Information Technology (fully online)

M.S. IN INFORMATION SCIENCE

PH.D. IN INFORMATION SCIENCE

COMPUTER ENGINEERING DEGREE

B.S. IN COMPUTER ENGINEERING
  • A minimum of 96 credits designed to develop proficiency in both hardware and software design and development.

UNIVERSITY AT ALBANY

COMPUTER SCIENCE DEPARTMENT
LI-67A
Uptown Campus
1400 Washington Ave.
PH: (518) 442-4270
FAX: (518) 442-5638
csdept@albany.edu

COMPUTER ENGINEERING DEPARTMENT
LI-84A
Uptown Campus
1400 Washington Ave.
PH: (518) 442-3140
FAX: (518) 442-5638
compeng@albany.edu

INFORMATICS DEPARTMENT
BA-310
Uptown Campus
1400 Washington Ave.
PH: (518) 442-3171
FAX: (518) 442-5638
infinfo@albany.edu
REQUIREMENTS FOR INTERNATIONAL STUDENTS

BACHELOR’S DEGREE
High School Diploma
Minimum TOEFL 79
IELTS 6.0
albany.edu/international-admissions

MASTER’S DEGREE
Four Year University Degree
Average TOEFL 100/600
IELTS 6.5
GRE Quantitative/Analytical/Verbal
albany.edu/graduate/apply-now.php

DOCTORAL/PHD DEGREE
All Post-Secondary Academic Records Including Degrees and Mark Sheets
3 Letters of Recommendation
Average TOEFL 100/600 IELTS 7.0
GRE Quantitative/Analytical/Verbal
albany.edu/ceas/graduate-programs-computing-information.php

COMPUTER SCIENCE DEGREES
Focus on how programmers develop algorithms (a set of rules for computations) and how algorithms are used to solve problems. Computer Science degrees lead to careers in programming, systems analysis, network administration, database development, security analysis, IT, software engineering, and more.

The PhD program prepares students for a career as a research scholar or as an industrial scientist.

COMPUTER ENGINEERING
is a discipline that integrates computer hardware design with software design. Working with computing devices and systems, computer engineers use the principles of basic science and mathematics to analyze and design solutions to solve computing problems. Opportunities for computer engineering exist in industry, education and the public sector, including aerospace, automobile, computer, defense, electronics, information technology, networking and telecommunications.

INFORMATICS
is technology applied to specific fields. Informatics serves as the bridge between computing and information technology and specific application domains, ranging, for example, from the government and public policy to economics to health care. Graduates can look forward to excellent job opportunities, whether directly in the field of computing and information science, or by applying their expertise in information science to positions within the business, government, education or nonprofit sectors.

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