OVERVIEW
The BS degree program in Computer Science provides a balance between theoretical foundations and applied computer science with the ultimate goal of presenting knowledge likely to be of ongoing value throughout one's career. This program is designed to prepare students to proceed to industry or academia. Each of the other majors is designed for a more specific focus including development of talents and skills fostering success in today's organizations following current industry practices. The BS degree program in Communication Networks and Security responds to the enormous importance of network computing and the major challenges to security that these networks pose. The BS degree program in Information Technology prepares students who plan to design, create, and administer large information bases used by organizations. The BS degree in Software Engineering prepares students for software development in today's world, where software applications of enormous size, complexity, and expense are prevalent in diverse domains.

CURRICULUM
Students majoring in Computer Science must complete a total of 51 credit hours of coursework, while the other majors require 48 hours. Each of the majors requires a course on Social, Legal, and Ethical Issues in Computing, a six-credit practicum (internship, independent study, and/or service learning), and specific courses or choices for each major that comprise mathematical foundations, computational and data-driven thinking foundations, and discipline-specific immersion. Each major also includes 13–18 hours of electives. For a complete list of courses that fulfill the degree requirements, visit LUC.edu/cs.

CAREER OPPORTUNITIES
Loyola graduates are prepared for a technology-driven world where their strong backgrounds in computing make a difference, whether they choose to be Web developers, software engineers/programmers, systems analysts, computer engineers, network designers, or myriad of other career paths related to computing and information technology.

RESOURCES
The department maintains a robust set of computing resources and labs. These local resources are available for use onsite and offsite. Students also have access to hosted resources through various cloud services and to many popular developer programs.
UNDERGRADUATE PROGRAMS

ARTS AND SCIENCES

Anthropology (BA, BS)
Art History (BA)
Biochemistry (BS)
Bioinformatics (BS)
Biology (BS)
Ecology
Molecular Biology
Biophysics (BS)
Black World Studies (BA)
Chemistry (BA, BS)
Classical Civilization (BA)
Communication Networks and Security (BS)
Computer Science (BS)
Criminal Justice and Criminology (BS)
Dance (BA)
Economics (BA)
English (BA)
Creative Writing
Forensic Science (BS)
French (BA)
Greek (Ancient) (BA)
History (BA)
Human Services (BS)
Information Technology (BS)
International Studies (BA)
Italian (BA)
Latin (BA)
Mathematics (BS)
Mathematics and Computer Science (BS)
Mathematics Education (BS)
Music (BA)
Jazz Studies
Sacred Music
Philosophy (BA)
Social Justice
Physics (BS)
Physics and Computer Science (BS)
Physics and Engineering (BS)
Political Science (BA)
Psychology (BS)
Religious Studies (BA)
Sociology (BA)
Sociology and Anthropology (BA)
Software Engineering (BS)
Spanish (BA)
Statistics (BS)
Studio Art (BA)
Ceramics
Drawing and Painting
Photography
Theatre (BA)
Theology (BA)
Theoretical Physics and Applied Mathematics (BS)
Visual Communication (BA)
Women’s Studies and Gender Studies (BA)

BUSINESS ADMINISTRATION

Accounting (BBA)
Economics (BBA)
Entrepreneurship (BBA)
Finance (BBA)
International Business (BBA)
Management (BBA)
Marketing (BBA)
Operations Management (BBA)
Sport Management (BBA)

COMPUTATION

Advertising and Public Relations (BA)
Communication Studies (BA)
Advocacy and Social Change
Film and Digital Media (BA)
Digital Media
Film and Media Production
International Film Studies
Journalism (BA)

EDUCATION

Bilingual/Bicultural Education: K-9 (BSEd)
Early Childhood/Special Education (BSEd)
Elementary Education: K-9 (BSEd)
Elementary Mathematics Education (BSEd)
Elementary Science Education: K-9 (BSEd)
Secondary Education: 6-12, and foreign languages: K-12 (BSEd)
Special Education: K-12, Learning Behavior Specialist I (BSEd)

ENVIRONMENTAL SUSTAINABILITY

Environmental Policy (BA)
Environmental Science (BS)
Environmental Studies (BA)

FIVE YEAR PROGRAMS

BBA/MBA
BBA/MSA Accountancy
BA Advertising and Public Relations/MS Integrated Marketing Communication
BS/MS Applied Human Perception and Performance
BS/MS Applied Statistics
BS Biology/MBA
BS Biology/MS Secondary Education
BA Chemistry/MS Secondary Education
BS/MS Chemistry
BS Computer Science/MS Information Technology
BS Computer Science/MS Software Engineering
BS/MA Criminal Justice
BS/MA English

BUSINESS ADMINISTRATION

Accounting (BBA)
Economics (BBA)
Entrepreneurship (BBA)
Finance (BBA)
International Business (BBA)
Management (BBA)
Marketing (BBA)
Operations Management (BBA)
Sport Management (BBA)

COMMUNICATION

Advertising and Public Relations (BA)
Communication Studies (BA)
Advocacy and Social Change
Film and Digital Media (BA)
Digital Media
Film and Media Production
International Film Studies
Journalism (BA)

EDUCATION

Bilingual/Bicultural Education: K-9 (BSEd)
Early Childhood/Special Education (BSEd)
Elementary Education: K-9 (BSEd)
Elementary Mathematics Education (BSEd)
Elementary Science Education: K-9 (BSEd)
Secondary Education: 6-12, and foreign languages: K-12 (BSEd)
Special Education: K-12, Learning Behavior Specialist I (BSEd)

ENVIRONMENTAL SUSTAINABILITY

Environmental Policy (BA)
Environmental Science (BS)
Environmental Studies (BA)

FIVE YEAR PROGRAMS

BBA/MBA
BBA/MSA Accountancy
BA Advertising and Public Relations/MS Integrated Marketing Communication
BS/MS Applied Human Perception and Performance
BS/MS Applied Statistics
BS Biology/MBA
BS Biology/MS Secondary Education
BA Chemistry/MS Secondary Education
BS/MS Chemistry
BS Computer Science/MS Information Technology
BS Computer Science/MS Software Engineering
BS/MA Criminal Justice
BS/MA English

NURSING

Accelerated BSN
Exercise Science (BS)
Health Systems Management (BS)
Nursing (BSN)
Online RN to BSN

SOCIAL WORK

Social Work (BSW)

CONTACT US

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Chicago, IL 60660
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