Syracuse University

Graduate School

Syracuse University Overview

Kathleen Joyce, Assistant Dean
Engineering & Computer Science

Susan Corieri, Assistant Dean
School of Information Studies

Syracuse: Tier 1 National Research University

Facts and Figures

- Founded in 1870

- Enrollment: 22,484 students including 6,633 graduate students

- Graduate:
  - 10 schools and colleges
  - Over 200 graduate level programs
    - Certificates of Advance Studies (CAS), Master's, and PhDs

- Faculty and staff: 920 tenured and tenure-track faculty, 90% have earned a Ph.D. or professional degree

Syracuse: by the Numbers

Facts and Figures

- Ranking: US News & World Report- #54
- Sponsored programs: $79.3 million
- Current alumni: 258,716 --50 states, 171 countries and territories
- Endowment: $1.33 billion

Centrally located in Upstate NY

- Easy access to major cities
  - New York City: 4 hours
  - Boston: 5 hours
  - Toronto: 4 hours
- Medium-sized city
  - Population 650,00
  - Sanctuary city
- Four seasons
- Located near numerous colleges and universities

Syracuse: Schools/Colleges

10 Schools and Colleges

- School of Architecture
- College of Arts and Sciences
- School of Education
- College of Engineering and Computer Science
- David B. Falk College of Sport and Human Dynamics
- School of Information Studies
- College of Law
- Martin J. Whitman School of Management
- SI Newhouse School of Public Communications
- College of Visual and Performing Arts

College of Engineering & Computer Science

Community

- Enrollment of 1,000 students
  - 25% female students
  - 74% international students
- Master's Students
  - 770 students
- Ph.D.
  - 230 students

College of Engineering & Computer Science

Graduate Degree Programs

Biomedical & Chemical Engineering

- Bioengineering, MS, PhD
- Chemical Engineering, MS, PhD

Civil & Environmental Engineering

- Civil Engineering, MS, PhD
- Environmental Engineering (& Science) MS

Mechanical & Aerospace Engineering

- Mechanical & Aerospace Engineering, MS, PhD
- Engineering Management, MS

Department of Electrical Engineering & Computer Science

- Computer Engineering, MS
- Computer Science, MS
- Cybersecurity, MS
- Electrical Engineering, MS
- Computer and Information Science and Engineering, PhD
- Electrical and Computer Engineering, PhD

College of Engineering & Computer Science

Research Focus Areas

Biomedical & Chemical Engineering

- Biomaterials/Tissue Engineering
- Drug Delivery
- Energy Sources, Conversion, and Conservation
- Molecular Biotechnology
- Nanotechnology
- Smart Materials for Healthcare
- Sustainable Energy Production

Civil & Environmental

- Energy Sources, Conversion, and Conservation
- Environmental Engineering
- Geotechnical Engineering
- Smart Management of Water Systems for Sustainability
- Structural Engineering and Mechanics
- Sustainability Science

College of Engineering & Computer Science

Research Focus Areas

EECS

- Artificial Intelligence

- Cognitive Wireless Systems and Networks

- Cybersecurity

- Electromagnetics

- Energy and Signal Processing

- Hardware Design and Computer Architecture

- Smart Materials for Healthcare

Mechanical & Aerospace

- Aerodynamics and Propulsion

- Design and Optimization

- Energy Conversion and Heat Transfer

- Energy Efficiency and Environmental Systems

- Fluid Mechanics

- Manufacturing and Engineering Systems

College of Engineering & Computer Science

For more information:
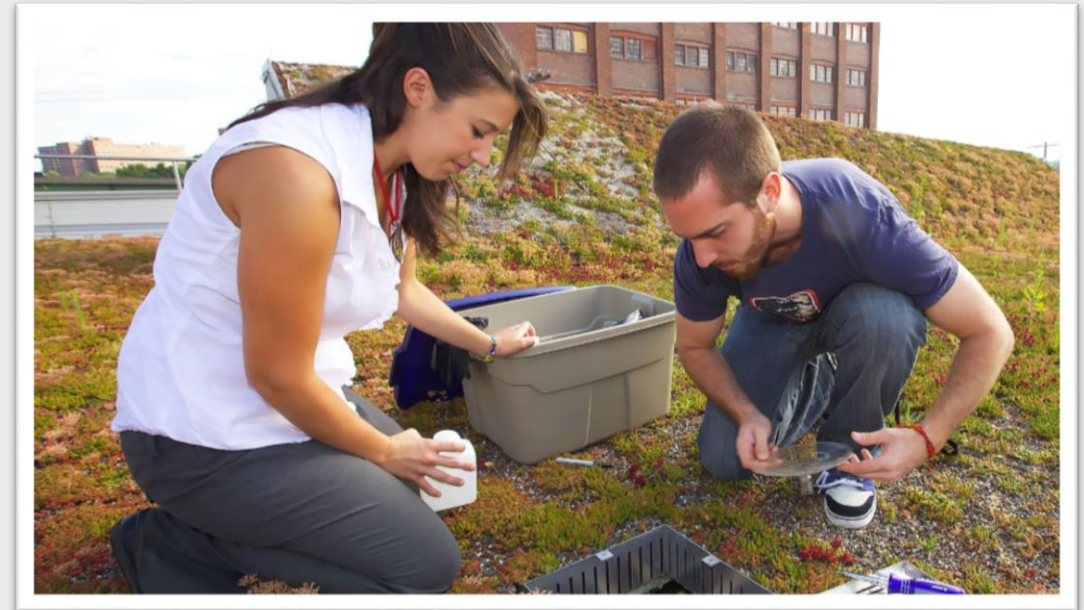
Kathleen M. Joyce

Assistant Dean

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Terrie Monto

Graduate Recruitment Coordinator

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General Graduate Inbox:

topgrads@syr.edu

School of Information Studies

Academic Programs

Bachelor of Science (MS):

- Information Management and Technology

Master of Science (MS):

- Applied Data Science*
- Enterprise Data Systems (Cloud Management)
- Information Management*
- Library and Information Science*

- Information Security Management*
- Data Science*
- eGovernment Management and Leadership
- Enterprise Leadership Management

Doctorate

- PhD in Information Science and Technology

* Available online

Certificates of Advanced Study (CAS):

WHAT DOES AN iSCHOOL TEACH?

How the Internet Works| Information Visualization | Social Analytics | Data Mining | Startups | Big Data| SQL Databases Web Design | Information Security Information Governance and Policy | Digital Literacy Community Building | Net Neutrality | Accessibility Cultural Preservation | Management Principles |Cloud Security Technology & Globalization | Risk Management User-based Design

School of Information Studies

Information Manageme

42 Credits, including 3-6 credit capstone or internship requirement

Prepares students to be IT Consultants and focus on both systems and data.   90% Placement

Strong component of management and technology

School of Information Studies
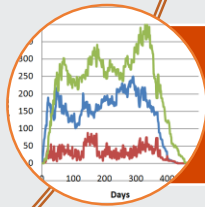
Applied Data Science

36 credits

Content in Data Architecture, Analytics, Machine Learning, NLP, Visualization, Deep Learning

Attracts students from non-IT, but data-intensive environments like finance and sciences.

Specializations include financial, marketing and supply chain analytics

School of Information Studies
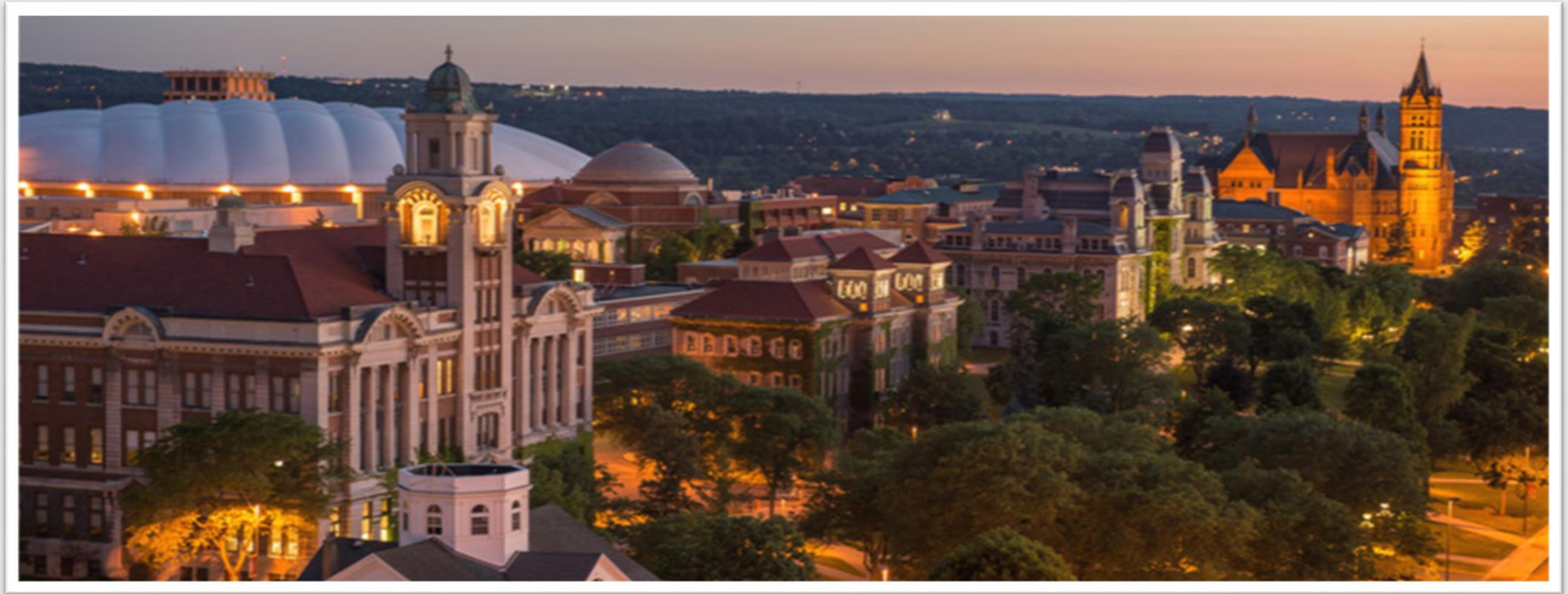
Enterprise Data Systems

36 Credits

Educates the next leaders for Networking and Cloud Computing

Focus on infrastructure & service components: cloud, virtualized information systems, software defined networks

Questions & Conversation

Syracuse University
English Language Institute

English Language Institute

Syracuse University's English Language Institute (ELI) is a high-quality program which serves adults with diverse goals who wish to study English as a second language. Students include those seeking undergraduate or graduate degrees in the U.S., business professionals, and those simply interested in increasing their English proficiency.

- We provide English courses for many purposes
  - Academic English
  - English for Lawyers
  - English for Architecture
  - Executive English
  - Fulbright EGS Program

Syracuse University   Graduate School

English Language Institute

Fulbright – English for Graduate Studies Program

- 4 week program in Syracuse, New York
- Core Courses: Oral Communication & Textual Communication
- Housing and meals are provided
- Students learn about American culture, life in graduate school, local history, and the international education network

Participants in this program are chosen by the Fulbright Foreign Student Program, through the State Department of the United States Government.

Field trips every weekend!

Thank you!

Photo by Burak Gursoy, a graduate student in the College of Engineering and Computer Science

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Photo by Seok Wun Au Yong G'19, a student in the College of Visual and Performing Arts

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