Master of Science Degree
INFORMATION SYSTEMS

Engaging Minds. Embracing the World.
La Roche College helps you to move ahead in a global economy by offering a cutting-edge approach to one of today’s growing industries.

The Bureau of Labor Statistics projects a 15 to 25 percent increase in demand for information systems professionals through 2022. With that statistic, we designed our Master of Science in Information Systems with your future in mind.

A DEGREE THAT LEADS TO JOB SECURITY

Whether you're looking for a higher salary, career growth or competitive leverage, our program prepares both information systems professionals and novices alike for work in the local, regional and international marketplace.
WHY LA ROCHE?

Accelerated 30-credit program that allows you to complete your master’s degree within one year

Industry-connected faculty with experience in information technology and information systems

Classes held in the evenings to accommodate your work schedule and personal life

Hands-on opportunities including on-the-job experience and directed research

Apply online at laroche.edu
STRENGTHEN YOUR SKILLS

Our competitive program offers a broad-based study of information systems and current industry trends. This approach prepares you for the organizational and technological challenges in the design, application, implementation and management of information systems.

Focusing on key topics from big data and social media to cyber security and project management, you'll develop the essential skills that are necessary to advance in today's global marketplace. Students will be expected to develop competencies in five main areas:

- Integrated technical expertise
- Project management, change management and best practices in information systems development, implementation and management
- Ethical business practices and governance of information
- Professional delivery of oral and written communication
- Development of information systems strategies within the context of organizational goals and strategies

A COMPETITIVE CURRICULUM

The program consists of 27 credits in core requirements (nine courses) and three general elective credits (one course).

Core requirements
- Data Mining, Data Analytics and Big Data
- Cloud and Client Architecture and Platforms
- Legal and Ethical Issues of Information Systems
- Social Media and Collaborative Information Systems
- Cyber Security and Disaster Recovery
- Object Oriented Systems
- Project Management
- Strategic Management of Information Systems
- Thesis, Internship or Final Project

A laptop is required to complete the master's degree in information systems.

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ADMISSION REQUIREMENTS

1. A bachelor’s degree from an accredited college or university
2. Quality point average (QPA) of 3.25 or higher on a 4.0 scale in undergraduate coursework
3. Completed application and current resume
4. Two academic or professional references
5. Essay explaining professional and academic goals
6. Satisfactory completion (grade of C or better) of four undergraduate prerequisites*:
   - Database Management Systems
   - Java Programming
   - Management Information Systems
   - Systems Analysis and Design
   - Statistics (recommended)
7. Official transcripts from all post-secondary institutions attended

*La Roche College may consider related work experience as substitution for prerequisite coursework.

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ABOUT LA ROCHE COLLEGE
A private liberal arts college in the North Hills of Pittsburgh, La Roche College offers more than 50 undergraduate and six graduate degree programs in high-demand fields and creative disciplines. Founded by the Sisters of Divine Providence in 1963, La Roche College embraces its Catholic heritage while welcoming people of all faiths and backgrounds. With a legacy of social justice and a commitment to international exchange, La Roche College educates students to be lifelong learners and achievers in an increasingly diverse and global society.
MISSION
La Roche College, a Catholic institution of higher learning, founded and sponsored by the Congregation of the Sisters of Divine Providence, fosters global citizenship and creates a community of scholars from the region, the nation and around the world. The College integrates liberal arts and professional education in creative ways, empowering all members of our community to become lifelong learners, achieve success in their chosen careers and promote justice and peace in a constantly changing global society.