DOMINICAN UNIVERSITY
Where Learning Demands More

MS in Software Development

Foundation Courses
- Java Programming
- C# Programming

Core Courses
- Front End Web Development
- Web Development Server-Side
- Android Apps Development I
- Database Design and Management
- Agile Software Development—Practices and Management
- Software Design
- Master's Capstone Seminar or Internship

Electives
- Topics in Web Technologies
- Android Apps Development II
- Mobile Web Applications
- iOS Apps Development
- Advanced Database Systems
- Topics in Data Technologies
- Topics in Software Design
- Intelligent Embedded Systems

Specializations
- Web Development
- Mobile Applications Development
- Database Management
- Software Design

The Number 1 'Best Job' in America: that's where U.S. News & World Report ranks software development. This innovative, highly flexible master's program will prepare you for success in one of today's most dynamic and high-demand fields.

A powerful, practical learning experience

The program provides you with both an ideal modern learning environment and an outstanding return on investment. Our computer science faculty built the curriculum in close partnership with industry leaders. It's designed to meet the highest current standards and to anticipate technological advances in a fast-changing field. You'll master the subtleties of applications, frameworks and support components; and learn to design, program, test, "debug" and maintain today's most sophisticated systems. You'll take a deep dive into an in-demand area of academic concentration: web development, mobile applications development, database management or software design. You'll acquire the cutting-edge skills that top employers demand.

A program that fits your busy life

With all the demands of work and family, who has time to earn a high-impact master's degree? You do. This "hybrid" program gives you the best of both worlds: the tremendous convenience of online learning and the valuable support of occasional, carefully scheduled evening classes. The entire curriculum is streamlined to enable you to complete your degree in 18 months. You also can choose a more measured pace, earning "stackable" certificates in high-demand areas and combining them towards your full master's degree. Are you already fluent in Java and C#? You may qualify for course waivers that will further accelerate your time to degree.
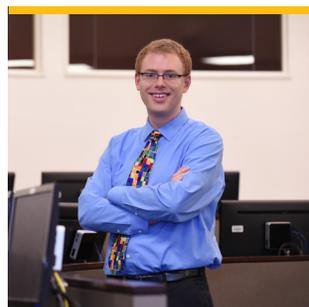
"Our program is intensely practical and focuses on real-world skills. Employers who have hired Dominican graduates come back to us regularly looking to connect with current students for internships and full-time jobs."

Mark Hodges
Associate Professor, Computer Science

Learn More!

Please contact:

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Graduate Recruiter

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Our goal: your success

Prepare to thrive in a fast-growing field

Software is a fundamental requirement of modern life. Every sector of the economy—from government to academia to business and beyond—relies heavily on highly skilled software developers to create everything from social network applications to wearable technology. Jobs in the software development field are growing at a rapid rate; and the U.S. Department of Labor estimates the median salary to be in excess of $100,000. Whether you're a recent college graduate, a career changer or a career advancer, this master's program will prepare you to meet the market's voracious demand for advanced technical knowledge and to thrive throughout a long and rewarding career.

Join a relationship-centered learning community

No one is lost in the crowd at Dominican. Our student-faculty ratio is 11 to 1. Our average class at the graduate level has 14 students. This enables the faculty to engage each student as an individual with particular gifts, experiences and goals. Online students are a growing and highly valued part of our learning community. The Dominican model of community is based on a recognition of the profound value and unique potential of each person. We challenge one another to develop our talents, reach our potential and become our best selves.
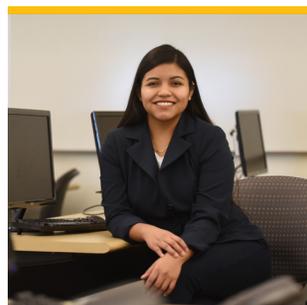
"As a woman in the software development field, it was great to find strong female role models among Dominican's faculty. The faculty as a whole were so supportive. They enabled me to become a confident developer."

Katia Lima-Lopez
Dominican Graduate; Associate Developer, Paylocity