

MASTER OF SCIENCE IN SOFTWARE ENGINEERING DEGREE PROGRAM

This degree prepares students for software analysis and design, construction, testing, and maintenance tasks. The program instructs students on the process of assessing requirements in analysis, design, construction, operation, configuration, and maintenance of software. The student will be equipped with the knowledge of modern software development technologies and techniques like object-oriented design, the use of middleware, enterprise design patterns, Java™, and C# programming languages.

SAMPLE DEGREE REQUIREMENTS

COURSES ARE OFFERED ONLINE & IN THE CLASSROOM

CORE COURSES (9 CREDIT HOURS)

- MSCC 610 Information Technology Concepts
- MSCC 630 Enterprise Architecture
- MSCC 697 Information Technology Research Methods

DEGREE REQUIREMENTS (3 CREDIT HOURS)

- MSSE 600 Object-Oriented Software Engineering

SOFTWARE ENGINEERING ELECTIVES (12 CREDIT HOURS)

Select four from the following or contact an Enrollment Counselor for a complete list of approved courses:

- MSSE 610 Software Requirements and Processes
- MSSE 620 Software Construction, Tools, Methods
- MSSE 630 Software Design
- MSSE 640 Software Quality and Test
- MSSE 670 Java Software Development
- MSSE 672 Advanced Java Software Development
- MSSE 674 Enterprise Java Software Development
- MSSE 676 Advanced Enterprise Java Software Development
- MSSE 680 C# Software Development
- MSSE 682 Enterprise C# Software Development
- MSSE 692 Software Engineering Practicum I

ELECTIVES (9 CREDIT HOURS)

Select three courses of any School of Computer & Information Sciences 600-level courses.

DEGREE COMPLETION REQUIREMENTS (3 CREDIT HOURS)

Select one from the following courses:

- MSCC 693 Graduate Capstone
- MSCC 698 Graduate Thesis
- MSSE 696 Software Engineering Practicum II

Note: MSSE 692 is a prerequisite to MSSE 696.

TOTAL DEGREE REQUIREMENTS = 36 CREDIT HOURS

ACADEMIC CERTIFICATES

Our graduate-level academic certificates provide you with credentials to help you achieve a promotion, update your skills, or change careers. Certificates can also be applied toward a degree. For a list of available certificates, visit CPS.Regis.edu/certificates-masters.

ADMISSION REQUIREMENTS

- Completed online application with \$75.00
- Official Bachelor's transcript(s)
- Required Essay

To start your application and learn about additional admission requirements, visit Regis.edu/cpsGRapp.

TUITION (2011-2012 ACADEMIC YEAR)

- Classroom Tuition: \$635 per credit hour
- Online Tuition: \$690 per credit hour

FINANCIAL AID

In 2010-2011, Regis University provided approximately \$140 million in federal, state, and institutional financial aid to its eligible students. To learn more about **financial aid options, scholarships, and preferred tuition rates**, contact the Financial Aid Office at 1.800.568.9832 or visit CPS.Regis.edu/financialaid.

START DATES (2011-2012 ACADEMIC YEAR)

COURSES ARE OFFERED IN 8-WEEK FORMATS

- Spring 8W2 Term 03/05/2012
- Summer 8W1 Term 05/07/2012
- Summer 8W2 Term 07/02/2012

Applications are due four weeks prior to start date.

GET STARTED

today.

1.800.944.7667

Info@Regis.edu

CPS.Regis.edu/SCIS

Working with you one-on-one, your Regis Enrollment Counselor can help you decide which program is the best fit for your goals, what options can save you time and money, and assist with the online application process.