

**MASTER OF SCIENCE IN SYSTEMS ENGINEERING
DEGREE PROGRAM**

This program is designed for students pursuing careers as Systems Engineers with an interest in the architecture, design and implementation of enterprise information systems. It provides students with the foundational, managerial and technical knowledge to build, protect and maintain sophisticated information systems. Through administration of servers, storage and networks, Systems Engineers are responsible for protection of the companies' assets, private information and intellectual property.

DEGREE REQUIREMENTS

Courses are offered online and in the classroom

Core Courses (9 credit hours)

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

Degree Requirements (6 credit hours)

- ▶ MSCT 620 – Access Networks
- ▶ MSIA 674 – Planning and Implementing Architecture Security

Systems Engineering Electives (9 credit hours)

Select three from the following courses:

- ▶ MSCT 600 – Network Essentials
- ▶ MSCT 650 – High Availability and Disaster Recovery
- ▶ MSCT 662 – Storage Area Networks
- ▶ MSCT 664 – Routing and Switching
- ▶ MSCT 680 – Enterprise Storage
- ▶ MSCT 692 – Systems Engineering Practicum I

Select One Emphasis Area (9 credit hours)

Take 9 credit hours (3 courses) from a single emphasis area

- ▶ **Agile Technologies** – MSCI 682, MSSE 610, MSSE 640
- ▶ **Cybersecurity** – MSIA 672, MSIA 676, MSIA 680 or MSIA 682
- ▶ **Data Science** – MSDS 600, MSDS 610, MSDS 650
- ▶ **Database Administration** – MSCD 600, MSCD 610, MSCD 640
- ▶ **Database Design** – MSCD 600, MSCD 610, MSCD 650
- ▶ **ERP** – Choose 3 from MSCI 615, MSCI 625, MSCI 640, MSCI 681
- ▶ **Information Assurance Policy Management** – MSIA 672, MSIA 674, MSIA 678 or MSIA 676
- ▶ **Software Engineering** – MSSE 600, MSSE 610, MSSE 640
- ▶ **Systems Engineering** – MSCT 600, MSCT 650, MSCT 680

Degree Completion Requirements (3 credit hours)

Select one from the following courses:

- ▶ MSCC 693 – Graduate Capstone
- ▶ MSCC 698 – Graduate Thesis
- ▶ MSCT 696 – Systems Engineering Practicum II
Note: MSCT 692 is a prerequisite to MSCT 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 Regis.edu/CCIS.

ADMISSION REQUIREMENTS

- ▶ Completed online application with \$50.00 fee
- ▶ Official bachelor's transcript(s)
- ▶ Required essay
- ▶ Two years of work experience (does not have to be computer related)

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

TUITION (2015-16 ACADEMIC YEAR)

- ▶ Classroom tuition: \$710 per credit hour
- ▶ Online tuition: \$710 per credit hour

FINANCIAL AID

In 2013-2014, Regis University provided more than \$142 million in federal, state and institutional financial aid to its eligible students. To learn more about financial aid options, contact the Financial Aid Office at 800.568.8932 or visit regis.edu/financialaid.

START DATES (2015-16 ACADEMIC YEAR)

Courses are offered in 8-week formats

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|----------------------------|----------------------------|----------------------------|
| ▶ Summer 8W2
06/29/2015 | ▶ Fall 8W1
08/24/2015 | ▶ Fall 8W2
10/19/2015 |
| ▶ Spring 8W1
01/11/2016 | ▶ Spring 8W2
03/07/2016 | ▶ Summer 8W1
05/02/2016 |

Applications are due four weeks prior to start date.

GET STARTED TODAY

Working with you one-on-one, your Regis admissions 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.

**800.944.7667 ruadmissions@regis.edu
regis.edu/CCIS**