

**MASTER OF SCIENCE IN SOFTWARE ENGINEERING  
AND DATABASE TECHNOLOGIES**

**DEGREE PROGRAM**

This degree is a specialized collaboration between Regis University in Denver, Colorado and the National University of Ireland, Galway. This program is jointly delivered by both universities through online learning, and draws on the strengths and expertise of both institutions in the areas of software engineering and database administration.

**DEGREE REQUIREMENTS**

Courses are offered online only

**Degree Requirements (18 credit hours)**

- ▶ MCT 609 – Fundamentals of Programming
- ▶ MCT 610 – Software Engineering
- ▶ MCT 611 – Computer Architecture and Operating Systems
- ▶ MCT 613 – Database Architecture
- ▶ MCT 614 – Database Concepts
- ▶ MCT 615 – Oracle® Database Administration

**Database Technologies Electives (6 credit hours)**

Select two electives from the following courses:

- ▶ MCT 616 – Middleware Architectures and Database Applications
- ▶ MCT 627 – Database Technologies and Service Oriented Architecture
- ▶ MCT 629 – Database Backup and Recovery
- ▶ MCT 630 – Database Performance Tuning
- ▶ MCT 631 – PL/SQL Programming

**Software Engineering Electives (6 credit hours)**

Select two electives from the following courses:

- ▶ MCT 618 – Object-Oriented Design
- ▶ MCT 619 – Object-Oriented Programming
- ▶ MCT 620 – Distributed Systems
- ▶ MCT 621 – Artificial Intelligence
- ▶ MCT 622 – Real-Time Systems
- ▶ MCT 623 – Graphics Programming
- ▶ MCT 628 – Software Quality and Test

**Degree Completion Requirements (6 credit hours)**

**Thesis**

- ▶ MCT 624 – Thesis Fundamentals
- ▶ MCT 626 – Thesis

**Or Practicum**

- ▶ MCT 692 – Database Practicum I
- ▶ MCT 696 – Database Practicum II

**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](http://Regis.edu/CCIS).

**ADMISSION REQUIREMENTS**

- ▶ Completed online application with \$50.00 fee
- ▶ Official bachelor's transcript(s)
- ▶ Required essay
- ▶ Current resume
- ▶ 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](http://Regis.edu/CCIS).

**TUITION (2015-16 ACADEMIC YEAR)**

- ▶ 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](http://regis.edu/financialaid).

**START DATES (2015-16 ACADEMIC YEAR)**

Courses are offered in 8-week formats

- |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|
| ▶ Summer 8W2<br>06/29/2015 | ▶ Fall 8W1<br>08/24/2015   | ▶ Fall 8W2<br>10/19/2015   |
| ▶ Spring 8W1<br>01/11/2016 | ▶ Spring 8W2<br>03/07/2016 | ▶ Summer 8W1<br>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](mailto:ruadmissions@regis.edu)  
[regis.edu/CCIS](http://regis.edu/CCIS)