

MASTER OF SCIENCE IN DATA SCIENCE DEGREE PROGRAM

How one communicates, socializes, spends leisure time, and conducts business has moved to the Internet. This has resulted in an explosion of data that is changing the world. How one uses this data is now a societal concern. Emboldened by our Jesuit heritage, Regis University's Master of Science in Data Science degree program empowers students to develop techniques for the discovery of information in data in a socially responsible manner. This program is designed for students who want to pursue a graduate education in the fields of data science, data analytics and data engineering.

DEGREE REQUIREMENTS

Courses are offered online and in the classroom

Core Requirements (18 credit hours)

- MSDS 600 – Introduction to Data Science
- MSDS 610 – Data Engineering
- MSDS 640 – Ethics, Privacy and Social Justice in Data Science
- MSDS 650 – Data Analytics
- MSDS 660 – Statistical Methods and Experimental Design
- MSCC 697 – Information Technology Research Methods

Data Science Electives (12 credit hours)

Select 4 classes from the following:

- MSDS 620 – Data Collection and Preparation
- MSDS 630 – Big Data Design Patterns
- MSDS 662 – Exploratory Data Analysis
- MSDS 664 – Statistical Inference and Predictive Analytics
- MSDS 670 – Visualization
- MSDS 672 – Visualization Using Open Source Tools
- MSDS 680 – Machine Learning
- MSDS 682 – Text Analytics
- MSDS 684 – Optimal Decision Making

Degree Completion Requirements (6 credit hours)

- MSDS 692 – Data Science Practicum I
- MSDS 696 – Data Science 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.

ADMISSION REQUIREMENTS

- Completed online application with \$50.00 fee
- Official bachelor's transcript(s)
- Required essay
- Current resume

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