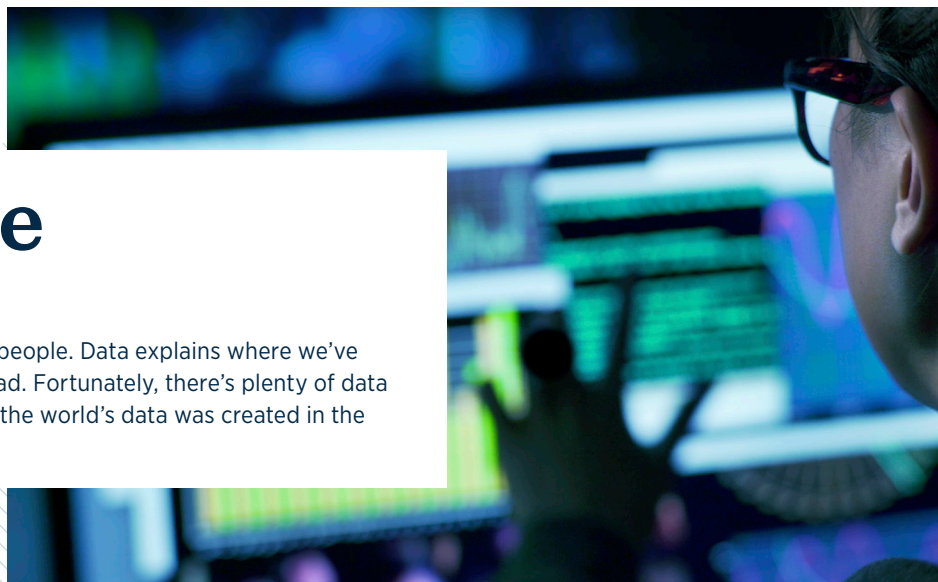


Data Science

Simply put, you see data differently than other people. Data explains where we've been, but you think it also tells us what lies ahead. Fortunately, there's plenty of data for you to work with. According to IBM, 90% of the world's data was created in the last two years.



Putting data to work.

From insurance, to banking, to health care, nearly every industry has recognized the value of data and the people who can analyze and interpret it. A master's degree in data science will prepare you for in-demand career opportunities in fields like predictive analytics, statistics, data visualization and data engineering.

\$131,490

MEDIAN PAY FOR COMPUTER AND RESEARCH SCIENTISTS IN 2022

Source: Bureau of Labor Statistics, Computer and Information Research Scientists, 2022

22%

PROJECTED GROWTH OF ROLES FOR SKILLED COMPUTER AND INFORMATION RESEARCH SCIENTISTS BY 2029

Source: Bureau of Labor Statistics, Computer and Information Research Scientists, 2022

What you'll need:

TO APPLY:

- | Completed online application
- | Official degree-bearing transcript
- | Resume
- | Essay
- | Relevant work experience or bachelor's degree

PREREQUISITES:

- | MSC 575 – Statistical Computing

The prerequisite course can be waived with proof of experience in Python programming (work or education). Students also have the option to test-out of the prerequisite.

TUITION AND FEES

Tuition for the 2022-2023 academic year:
| \$948 per credit hour

For information on program specific fees visit regis.edu/cost. Tuition and fees are subject to change.

To learn about financial aid options available, contact the financial aid office at 800.568.8932 or visit regis.edu/financialaid. If you are an active duty military member or veteran, visit regis.edu/preferred-military to learn more.

You might be wondering:

IN WHAT FORMAT ARE CLASSES HELD?

Classes are taught in 8-week terms, either online or on campus during the evenings.

HOW LONG DOES THE PROGRAM TAKE TO COMPLETE?

This program can be completed in as little as 1-2 years.

WHEN CAN I START?

Program starts are offered in January, March, May, July, August and October.

Degree Plan

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:
MSDE 620 Data Collection and Preparation
MSDS 655 Business Intelligence
MSDS 662 Exploratory Data Analysis
MSDS 664 Statistical Inference and Predictive Analytics
MSDS 670 Data Visualization
MSDS 674 Geographic Information Systems
MSDS 680 Machine Learning
MSDS 682 Text Analytics
MSDS 684 Reinforcement Learning
MSDS 686 Deep Learning
MSDS 688 Artificial Intelligence

DEGREE COMPLETION REQUIREMENTS

6 credit hours

MSDS 692 Data Science Practicum I*
MSDS 696 Data Science Practicum II

OPTIONAL DATA ENGINEERING SPECIALIZATION

18 credit hours

Specialization will fulfill elective and degree completion credits
The courses listed below can also be completed as Data Science Electives.
MSDE 620 Data Collection and Preparation
MSDE 621 Data Wrangling
MSDE 630 Big Data Architecture
MSDE 631 SQL and NoSQL
MSDE 692 Data Engineering Practicum I
MSDE 6936 Data Engineering Practicum II

TOTAL: 36 CREDIT HOURS

This program is eligible for our FastForward dual degree. To learn more visit regis.edu/fastforward.

Ready to get started?

Your Regis admissions counselor will work with you one-on-one. We'll help you choose the program that fits your goals, find options that save time and money, and help you through your online application.

Contact

ruadmissions@regis.edu
800.944.7667

Ready to apply?

regis.edu/apply

Not quite ready for the full degree?

Start with a certificate in Data Science and see what you think.

All classes taken as part of the Graduate Certificate in Data Science can be applied toward the M.S. in Data Science, so you can decide to keep going without skipping a beat.

*Indicates classes that can be taken for certificate completion. Admissions requirements for certificate programs may vary. Consult the academic catalog for a complete list of program and application requirements.

Applying Is Easier Than You Think

- I No application fee
- I No letters of recommendation
- I No college standardized assessment test
- I Admission decision usually within 3 business days

Go to regis.edu/apply or contact an admissions counselor to help get you started.

The Flexibility You Need

Our program formats are designed to be flexible and convenient, so you can fit your education into your own schedule. On-campus courses are offered in the evenings to fit around your busy work schedule, and online courses are taught asynchronously, so you can log on whenever works for you.