HOW TO APPLY

ADMISSION REQUIREMENTS
• Recommended 3.0 GPA (out of a 4.0 scale) in the last 60 credit hours of undergraduate coursework
• GRE scores
• Two letters of recommendation
• Academic Records (e.g., transcripts, mark sheets)
• Statement of Purpose
• Résumé/CV
• International applicants: Scores from the TOEFL, IELTS, or PTE Academic exams

DEADLINES
FALL—January 15
SPRING—September 1
SUMMER—March 1 (U.S. citizens only)

APPLY NOW:
http://go.gwu.edu/applytoseas

CAREER RESOURCES

W. SCOTT AMEY CAREER SERVICES CENTER

At SEAS, we want your degree to matter. Our career services team is here to help you find a job or internship by providing the resources to improve your résumé, build skills in networking and interviewing, and sharpen your job search techniques. In addition, we organize workshops, one-on-one coaching sessions, and employer visits to help you find the right career for you, anywhere in the world.

careers.seas.gwu.edu
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CONTACT Information

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Science & Engineering Hall
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Washington, D.C. 20052
engineering@gwu.edu | 202-994-1802
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WHY DATA ANALYTICS?

Big data is increasingly being used to track, analyze, and inform major decisions for policy, business, and other organizational needs. According to a study by the McKinsey Global Institute, the U.S. will soon face a shortage of data scientists, managers, and analysts who can understand and make decisions using big data.

“Big data will become a key basis of competition, underpinning new waves of productivity growth, innovation, and consumer surplus—as long as the right policies and enablers are in place.” —McKinsey Global Institute

As the demand for professionals well-versed in data interpretation grows, the opportunities to start a career in big data can begin with the right education that covers the fundamentals of computer science and data analysis, and enhanced by engineering principles and data management. Data is no longer limited to tech companies and statistical organizations—it can be applied to virtually any sector, making a well-rounded education in data analytics essential to one’s professional success.

M.S. IN DATA ANALYTICS AT GW

Administered jointly through the Department of Computer Science and the Department of Engineering Management and Systems Engineering, the Master of Science in Data Analytics program at GW addresses the growing demand for professionals skilled in big data and data analytics. It provides a comprehensive and rigorous curriculum that covers all aspects of data acquisition and management, allowing for students to apply their skills toward any sector.

GW and its main campus in Washington, DC, is ideally situated for students to take advantage of the endless opportunities to apply data analytics skills in the real world. In addition to serving as a world policymaking center, the DC metro area is home to an increasing number of technology firms and corporations, which actively seek graduates with data skills.

The M.S. in Data Analytics at GW integrates education with cutting edge research supported by top research faculty at the School of Engineering and Applied Science. Students can choose between two tracks to focus their degree on either Computer Science or Engineering Management & Systems Engineering. Students who complete this program will be intellectually prepared for a wide range of data analytics jobs, or to pursue a doctorate degree afterward, if they choose to.

Upon completion of the program, graduates of the M.S. in Data Analytics program can expect to:

* Apply different techniques and types of analytics to solve real-world problems in a variety of technical and business organizations
* Demonstrate the ability to store, clean, and transform large-scale data sets
* Improve decision-making processes in organizations by applying analytics techniques to interpret data

Expected Job titles:
• Data Analyst
• Data Engineer
• Analytics Manager
• Data Security Analyst
• Data Scientist

*Remaining 6 credit hours are elective courses students may select from any department with advisor approval.