

DATA JOURNALISM GRADUATE CERTIFICATE

Banner Code: SC-CERG-DJNL

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This certificate is designed for students and professionals wishing to advance their knowledge and careers in the emerging field of Data Journalism. Data-driven journalism is about obtaining, reporting on, curating, and publishing (storifying) data in the public interest. Maps and data infographics are some of the best ways to publish data in order to inform the public and raise awareness.

Principles of journalism, methods and tools for information visualization, social media analysis, and scientific data communication topics are visited in this program.

This certificate may be pursued on a part-time and full-time basis.

Admissions & Policies

Admissions

University-wide admissions policies can be found in the Graduate Admissions Policies section of this catalog.

To apply for this program, please complete the George Mason University Admissions Application (<https://www2.gmu.edu/admissions-aid/apply-now>).

Policies

For policies governing all graduate programs, see AP.6 Graduate Policies.

Requirements

Certificate Requirements

Total credits: 15

Students should refer to the Admissions & Policies tab for specific policies related to this program.

Core Courses

GGS 590	Selected Topics in Geography ¹	3
GGS 692	Web-based Geographic Information Systems	3
COMM 642 or COMM 655	Science and the Public Theory and Practice of Digital Communication	3
Total Credits		9

¹ Only when the subject is GeoSocial Analysis.

Electives

Select two courses from the following list or others in consultation with an advisor. 6

CDS 501	Scientific Information and Data Visualization
CSI 672 or STAT 652	Statistical Inference Statistical Inference
COMM 637	Risk Communication
COMM 640	Controversies in Science Communication
COMM 641	Advanced Communication Skills for STEM
COMM 644	Analysis and Criticism of Science Journalism
COMM 660	Climate Change and Sustainability Communication Campaigns
COMM 735	Crisis Communication
STAT 554	Applied Statistics I

Total Credits 6