

DATA VISUALIZATION GRADUATE CERTIFICATE

General Graduate Program Requirements

Graduate School policies and standards can be found on the Graduate School Policies page (<https://catalog.umt.edu/graduate/school-policies/>).

The minimum GPA for any graduate program is 3.0. Individual programs may require more than a 3.0 to remain in good standing.

The minimum grade for a course to be accepted toward any requirement is C. Individual programs may require higher grades for specific courses.

GRADUATE CERTIFICATE - DATA VISUALIZATION

Course Requirements

Code	Title	Hours
Complete all of the following courses:		
ANTY 591	Special Topics (Data Visualization Tools)	3
ARTZ 580	Data Arts	3
MBA 694	Seminar (Foundations of Data Analytics)	2
Complete one of the following courses:		3
ANTY 291	Special Topics	
ANTY 412	Osteology	
ANTY 431	Ethnographic Field Methods	
ANTY 455	Artifact Analysis	
ANTY 515	Theory & Methods in Bioanthropology	
COMX 561	Qualitative Research Methods	
JRNL 575	Story Lab	
M 540	Numerical Methods for Computational & Data Science	
M 561	Advanced Data Science Analytics	
M 562	Advanced Theoretical Big Data Analytics	
PSYX 520	Advanced Psychological Statistics I	
PSYX 521	Advanced Psychological Statistics II	
PSYX 524	Tests & Measurement	
PUAD 506	MPA Applied Research Methods	
PUBH 540	Social & Behavioral Science in Public Health	
PUBH 550	Program Evaluation & Research Methods	
SOCI 562	Quantitative Methods	
SOCI 563	Social Data Analysis	
Total Hours		11