DIGITAL HUMANITIES - GRADUATE CERTIFICATE

The digital humanities graduate certificate welcomes students from all disciplines, including the humanities and arts, social sciences, natural sciences, computational and mathematical sciences, engineering, and communication, media and information science. The certificate prepares students to:

- create, utilize and evaluate digital methods and tools for research;
- integrate methods and tools into their teaching;
- assess the diverse impacts of technologies on people and society; and
- leverage digital technologies for public outreach and engagement.

Through an interdisciplinary curriculum, the certificate provides graduate students from across campus the opportunity to explore the evolution and variety of digital humanities theories and practices and to study approaches in the field in-depth. Moreover, the certificate is intended to stimulate collaborations among graduate students in a range of fields, thus preparing them for work in a team-based environment.

For additional details, including the procedures to declare and complete the certificate, visit the Digital Humanities Graduate Certificate (https://www.colorado.edu/crdds/dhgc/) webpage.

Requirements
Required Course and Credits

The certificate consists of course requirements only, at least 9 credit hours at the graduate level with an average GPA of 3.0 (B) or better.

In addition to the core course, students must choose two elective courses to complete the certificate. Certain special topics courses also count as electives. For a full list, please visit the certificate website's Elective Courses (https://www.colorado.edu/crdds/what-we-do/digital-scholarship/digital-humanities-graduate-certificate/elective-courses/) webpage.

Code	Title	Credit Hours
Core Course		**3**
DHUM 5000	Introduction to Digital Humanities: Movements, Methods, and Tools	
Electives		**6**
ATLS 5040	Game Design	
ATLS 5120	Mobile Application Development	
ATLS 5214	Big Data Architecture	
ATLS 5244	Empathy and Technology	
ATLS 5410	Creative Technologies	
ATLS 5440	Design Studio	
ATLS 5630	Web Front-End Development	
ATLS 5650	Introduction to Programming	
CMDP 7100	Historical Overview of Media Arts and Technology	
CMDP 7200	Research and Methodologies I	
CMDP 7500	Production Methods I	
CSCI 5352	Network Analysis and Modeling	
CSCI 5502	Data Mining (Same as CSCI 4502)	
CSCI/LING 5832	Natural Language Processing	
GEOG 5043	Advanced Geovisualization and Web Mapping	
GEOG 5103	Geographic Information Science: Spatial Analytics	
GEOG 5203	Geographic Information Science: Spatial Modeling	
GEOG 5403	Geographic Information Science: Space Time Analytics	
GEOG 5603	GIS in the Social and Natural Sciences	
HIST 6790	Readings in Digital History	
INFO 5502	Online Communities	
INFO 5504	Digital Identity	
INFO 5507	Data and the Humanities	
INFO 5601	Information Ethics and Policy	
INFO 5602	Information Visualization	
INFO 5604	Applied Machine Learning	
INFO 5613	Network Science	
INFO 6301	Computation for Research in Information Science	
JRNL 5001	Media Technology Boot Camp	
JRNL 5344	Video Documentary Production	
JRNL 5521	Data Journalism	
JRNL 5562	Digital Journalism	
LING 5200	Introduction to Computational Corpus Linguistics	
MDST 5001	Connected Media Practices	
PSCI 7185	Political Network Analysis	
STAT 5680	Statistical Collaboration	
STAT 5700	Philosophical and Ethical Issues in Statistics	
Total Credit Hours		**9**