Graduate Certificate: Cultural Analytics

LEW KLEIN COLLEGE OF MEDIA AND COMMUNICATION

Learn more about the graduate certificate in Cultural Analytics.

About the Certificate

The graduate certificate in Cultural Analytics at Temple University is an interdisciplinary effort by faculty members in the Tyler School of Art and Architecture, College of Education and Human Development, College of Liberal Arts, Lew Klein College of Media and Communication, Center for the Performing and Cinematic Arts, and College of Science and Technology, as well as librarians in Temple University Libraries and its Loretta C. Duckworth Scholars Studio. This certificate program trains students in humanistic and non-scientific fields in the use of computational methods to analyze cultural objects.

"Cultural Analytics" refers to the analysis of cultural objects assisted by computer technology and quantitative methods. Sometimes called "digital humanities," the field developed in response to the digitization of archival materials, books, museum objects and paintings, making it possible to analyze cultural objects using methods more familiar to computer scientists and statisticians than to humanists or qualitative social scientists.

Much of modern culture originates in digital form. Digital versions of traditional humanistic materials — artifacts, books, films, paintings and sculptures — are readily available for study. Graduate students who work with digital materials benefit from specialized training in managing and manipulating their materials so that they can take full advantage of the digital format. Students are prepared for advanced research in their discipline by allowing them to specialize in the specific skills that are most relevant to their research. Participants are encouraged to work within one of the following focal areas:

- Basic programming
- Data visualization
- Mapping and geographic information systems
- Research design and analysis
- Social media research
- Statistics
- Text encoding and analysis
- Virtual environments

The certificate program in Cultural Analytics facilitates work on a dissertation, thesis or culminating event by offering training in these technical skills along with the conceptual background needed to understand the opportunities and obstacles each method brings with it.

Time Limit for Certificate Completion: 3 years

Campus Location: Main

Full-Time/Part-Time Status: The graduate certificate can be completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact a Klein College admissions advisor for more information.

Non-Matriculated Student Policy: Non-matriculated students may take up to 9 credits of coursework before applying to the graduate certificate program. When they complete 9 credits, they must declare their intention to complete the graduate certificate in Cultural Analytics by completing and submitting the "Non-Degree Seeking Student Request to Exceed 9 Credits of Graduate Coursework for Certificate Program," found in TUportal under the Tools tab within "University Forms."

Admission Requirements and Deadlines

Fall and *Spring* admissions are on a rolling basis.

Current Temple graduate students must apply no later than the add/drop deadline to enroll within a given academic term. Applicants not currently enrolled at Temple are welcome, and those applications are due August 1 for enrollment in the Fall term along with their transcripts. Please complete this Application Form.

Bachelor's Degree in Discipline/Related Discipline: Applicants already admitted to a graduate degree program at Temple University have demonstrated that they possess the required bachelor's degree. Applicants not currently enrolled in a Temple University graduate degree program and applicants enrolled in a graduate degree program at another university must submit official transcripts for all coursework taken since high school, whether or not a degree was earned from the institution(s). Evidence of the award of a baccalaureate degree from an accredited university with an undergraduate GPA of at least 3.0 on a 4.0 scale must be shown.

Certificate Requirements

Number of Credits Required to Complete the Certificate: 9 for matriculated students; 10 for non-matriculated students

Required Courses:

Code	Title	Credit Hours
Core Courses		
CLA 5019	Introduction to Cultural Analytics [1]	3
MMC 9087	Cultural Analytics Practicum [2]	0-1
Electives		**6**
Select two from the following:		
Data Visualization		
GAD 5078	The Art of Infographics	
GUS 5073	Geovisualization [3]	
Mapping		
GUS 5062	Fundamentals of Geographical Information Systems	
GUS 8065	Cartographic Design	
Programming		
CIS 5015	Scripting for Sciences and Business	
CIS 5016	Data Structures and Objects	
Research Design		
ARCH 9580	Special Topics in Site and Context [4]	
MMC 9206	Digital Qualitative Research Methods	
SOC 9211	Graduate Data Analysis [3]	
Social Media		
MMC 9700	Advanced Topic/MMC I [4]	
MMC 9735	Emerging Media and Communication	
MMC 9749	Social Media Analytics	
Statistics		
EDUC 5325	Introduction to Statistics and Research	
SOC 8211	Inferential and Multivariate Statistics [5]	
Textual Data		
ENG 5401	Introduction to Digital Text Methods	
REL 5801	Foundations in Digital Humanities for the Study of Religion	
Virtual Environments		
ARCH 5011	Graduate Representation Intensive 1	
ARCH 5012	Graduate Representation Intensive 2	
ARCH 8133	Arch Research Seminar 3 [4]	
Total Credit Hours		**9-10**

[1] HIST 5152 Digital History may be substituted for CLA 5019 with the approval of the Certificate Program Director.
[2] Students enrolled in a degree program register for the non-credit practicum through the certificate program's administrator. Non-matriculated students must find a faculty sponsor for their project and enroll in 1 credit of practicum.
[3] This course has prerequisites.
[4] This course requires approval of the Certificate Program Director as content for this course varies.
[5] This is a 4-credit course.

GPA Required to be Awarded the Certificate: 3.0 minimum

Contacts

Certificate Program Web Address:

https://www.temple.edu/academics/degree-programs/cultural-analytics-certificate-graduate-co-cuan-grad

Administering Unit:

Loretta C. Duckworth Scholars Studio
Charles Library, 3rd Floor
1900 N. 13th Street
Philadelphia, PA 19122
digitalscholarship@temple.edu

Lead Academic Unit:

Lew Klein College of Media and Communication
Office of Research and Graduate Studies
2020 N. 13th Street, 344 Annenberg Hall
Philadelphia, PA 19122-6015
215-204-1497
Fax: 215-204-0310

Submission Address for Official Electronic Transcripts:

Marianne Moll
Program Administrator
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Department Contacts:

Certificate Program Information:
Dr. Ryan Omizo
Program Director
ryan.omizo@temple.edu