

# Digital Humanities (DIGHUM)

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## Courses

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### DIGHUM 100 Theory and Method in the Digital Humanities 3 Units

Terms offered: Summer 2024 First 6 Week Session, Summer 2023 First 6 Week Session, Summer 2022 First 6 Week Session

In this course, we will evaluate a variety of digital humanities projects through theoretical scholarship in the field, in order to critically assess the value of the new knowledge that is being generated, and to weigh that knowledge in terms of traditional humanities methods. We will explore the fundamental arguments that are being advanced about these new methods and how they interact with humanities' interpretive underpinnings. This course will prepare students to apply digital methods in ethical, reflective, and responsible ways—understanding the potentials of the digital within the humanities.

Theory and Method in the Digital Humanities: Read More [+]

#### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

Theory and Method in the Digital Humanities: Read Less [-]

### DIGHUM 101 Python Programming for Digital Humanities 3 Units

Terms offered: Summer 2024 First 6 Week Session, Summer 2023 First 6 Week Session, Summer 2022 First 6 Week Session

The digital and data revolution has begun to transform the study of the humanities by introducing new archival data sources, tools and methods, and modes of analysis. In this applied course, students will learn foundational knowledge of Python, the leading programming language in Digital Humanities and data science. By the end of this course, students will be able to program Python in Jupyter Notebooks, exploring and visualizing data for purposes of computational text analysis, social network analysis, and machine learning.

Python Programming for Digital Humanities: Read More [+]

#### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

**Instructor:** Prashant Sharma

Python Programming for Digital Humanities: Read Less [-]

### DIGHUM 125 Digital Humanities and Social Justice 3 Units

Terms offered: Spring 2022

This innovative course will introduce students to a broad range of digital humanities techniques as they are applied to issues of social justice, equality, and activism in various media. Themes or institutional focus may vary with the research background of the instructor (for example, climate change, cultural heritage, hate speech analytics). Students will be introduced to the work of relevant thought leaders and industry experts outside of the academy. A final project will allow students to use one or more of these methods in a case study of their own choosing.

Digital Humanities and Social Justice: Read More [+]

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

#### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

Digital Humanities and Social Justice: Read Less [-]

### DIGHUM 150A Digital Humanities and Archival Design 3 Units

Terms offered: Summer 2024 Second 6 Week Session, Summer 2023 Second 6 Week Session, Summer 2022 Second 6 Week Session

This course concentrates on doing archival research, and then building websites that organize and present the results of that research in interactive digital formats. One of the hallmarks of digital humanities is its capacity to make rare source material accessible to a broad audience in ways that simultaneously offer conceptual structure, critical analysis, and user flexibility. By teaching students how to manage traditional primary sources and transform them into dynamic digital archives, this course will offer a dual training in conducting scholarly research and designing digital projects.

Digital Humanities and Archival Design: Read More [+]

#### Rules & Requirements

**Repeat rules:** Course may be repeated for credit when topic changes.

#### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

#### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

Digital Humanities and Archival Design: Read Less [-]

## DIGHUM 150B Digital Humanities and Visual and Spatial Analysis 3 Units

Terms offered: Summer 2024 Second 6 Week Session

This course will explore how the power of digital tools to create complex and interactive visual representations can help us investigate problems in the humanities. Visual analysis allows for large collections of texts, artifacts and data to appear as form, distilling and presenting information in ways that are computational as well as conceptual. Spatial analysis, especially the geospatial, applies advanced digital cartographic tools to historical maps, geographically based events, demography, migration, textual production, and movement over time. As with all digital humanities, these visual and spatial formats are user-responsive and open to a broad range of use.

Digital Humanities and Visual and Spatial Analysis: [Read More \[+\]](#)

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Digital Humanities and Visual and Spatial Analysis: [Read Less \[-\]](#)

## DIGHUM 150C Digital Humanities and Text and Language Analysis 3 Units

Terms offered: Summer 2024 Second 6 Week Session, Summer 2023 Second 6 Week Session, Summer 2022 Second 6 Week Session

This course will concentrate on one of the first and most developed techniques in the digital humanities – textual analysis – and one of the newest – natural language processing. These two methods are used to study the range of language use, spanning from the literary to the informal. While the computational power of these programs is vast, the codes they use arise from the humanistic inquiries of careful readers, and are used to support critical analysis of texts. In these classes, textual and language analysis moves beyond counting and statistics to teach students to understand linguistics, genre, style, aspect, comparative analyses and literary interpretation in new ways.

Digital Humanities and Text and Language Analysis: [Read More \[+\]](#)

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

Digital Humanities and Text and Language Analysis: [Read Less \[-\]](#)

## DIGHUM 160 Critical Digital Humanities 3 Units

Terms offered: Summer 2024 Second 6 Week Session, Summer 2023 Second 6 Week Session, Summer 2022 Second 6 Week Session

This course will concentrate on training a critical eye on the field, and analyzing what impact the digital has on the study of the humanities and on the culture at large. Even as computational and digital capacities allow us to ask new questions, they also powerfully shape how we organize and receive knowledge. Courses in the Critical Digital Humanities will provide a necessary space to critically evaluate how the modes and content of information-age technologies influence and impact the modes and content of humanistic inquiry.

Critical Digital Humanities: [Read More \[+\]](#)

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

**Summer:** 6 weeks - 7.5 hours of lecture per week

### Additional Details

**Subject/Course Level:** Digital Humanities/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

Critical Digital Humanities: [Read Less \[-\]](#)