

DIGITAL HUMANITIES CERTIFICATE

If the humanities can be defined as preserving, reconstructing, transmitting, and interpreting the human record with the goal of producing a better understanding of ourselves and our place in the world, digital humanities is concerned with leveraging revolutionary technological change in the advancement of these practices. Digital humanities is not merely the use of computers and other new technologies as tools by humanists, but rather a continuous and reflexive engagement with emerging digital technologies and approaches to open up new fields of knowledge and map new intersections among humanities disciplines and between the humanities and other intellectual domains: the sciences, social science, and the arts. The development of digital humanities as a significant area of academic practice over the past decade has been marked by the establishment of the Office of Digital Humanities in the National Endowment for the Humanities, earmarking of fellowship opportunities by the American Council of Learned Societies, formation of professional organizations, launch of academic journals, and national and international scholarly conferences.

Course Requirements

Code	Title	Hours
Core Courses		









AMST 795	Digital Humanities Field Experience	1
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Electives


9 credit hours from any of the elective course options below. These lists are not exclusive. With advisor or director approval, additional courses may fulfill these requirements.	9
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Minimum Hours	10
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Code	Title	Hours
UNC - Chapel Hill Electives		

AMST 498	Advanced Seminar in American Studies	3
AMST/HIST 671	Introduction to Public History	3
AMST 840	Digital Humanities/Digital American Studies	3
AMST 850	Digital Humanities Practicum	3
ANTH 419	 Anthropological Application of GIS ¹	3
ANTH 454	The Archaeology of African Diasporas ²	3
ARTH 851	alt-Methods: Digital Art History	3
BMME 775	Image Processing and Analysis ³	3
COMM 431	 Advanced Audio Production	3
COMM 453	 The History of New Media Technology in Everyday Life	3
COMM 635	 Documentary Production	3
COMM 638	 Game Design ⁴	3
COMM 644	 Documentary Production: First Person Filmmaking	3
COMM 650	Cultural Politics of Global Media Economies ⁵	3
COMM 654	 Motion Graphics, Special Effects, and Compositing ⁶	3
COMM 666	 Media in Performance	3

COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 856	Seminar in Communication Technology	3
COMP 410	Data Structures	3
COMP 411	Computer Organization	4
COMP 426	Modern Web Programming	3
COMP 590	Topics in Computer Science ^H	3
EDUC 790	Special Topics in Education - Graduate	3
ENGL 674	Digital Literature	3
ENGL 676	 Digital Editing and Curation	3
ENGL 709	Technologies of Literary Production	3
ENGL 801	Research Methods in Composition and Rhetoric	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 491	Principles of Geographic Information Systems	3
GEOG 541	GIS in Public Health	3
GEOG 577	 Advanced Remote Sensing	3
GEOG 591	 Applied Issues in Geographic Information Systems	3
GEOG 592	 Geographic Information Science Programming ⁷	3
GEOG 594	Global Positioning Systems and Applications ⁸	3
GEOG 650	 Technology and Democracy Research	3
HIST 490	Special Topics in History ^H	3
HIST 890	Topics in History for Graduates ⁹	3
INLS 465	Understanding Information Technology for Managing Digital Collections	3
INLS 509	Information Retrieval	3
INLS 512	Applications of Natural Language Processing	3
INLS 520	Organization of Information	3
INLS 523	Introduction to Database Concepts and Applications	3
INLS 525	Electronic Records Management	3
INLS 541	Information Visualization	3
INLS 550	History of the Book and Other Information Formats	3
INLS 560	Introduction to Programming	3
INLS 561	Digital Forensics for Curation of Digital Collections ¹⁰	3
INLS 572	Web Development	3
INLS 582	Systems Analysis	3
INLS 613	Text Mining	3
INLS 620	Distributed Knowledge Graphs I: Core Concepts and Standards	3
INLS 623	Database Systems II: Intermediate Databases	3
INLS 690	Intermediate Selected Topics ¹¹	3
INLS 700	Scholarly Communication	3
INLS 718	User Interface Design	3
INLS 720	Data Practices and Standards ¹²	3
INLS 752	Digital Preservation and Access	3
INLS 760	Web Databases	3
INLS 890	Advanced Special Topics ¹³	3
MUSC 676	Digital Media and Live Performance	3
MEJO 440	Digital Media Law and Society	3

MEJO 449	Blogging, Smart Mobs, and We the Media	3
MEJO 561	Environmental and Science Video Storytelling	3
MEJO 581	User Experience Design and Usability	3
MEJO 582	Advanced Documentary Video Storytelling	3
MEJO 583	Advanced Interactive Media	3
MEJO 585	3D Design Studio	3
MEJO 671	 Social Marketing Campaigns ^H	3
MEJO 782	Digital Content Creation ¹⁴	3

^H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Code	Title	Hours
Duke Electives		
AMES 535 / ISIS 535		
ARTHIST 190S ¹⁵		
ARTHIST 551LS ¹⁶		
CLST 724S		
DOCST 365S / VMS 365S / AMI 365S		
DOCST 765S		
HCVIS 580S		
ISIS 380S		
ISIS 510S / VMS 566S ¹⁷		
ISIS 580S		
ISIS 590S ¹⁸		
ISS 581S		
ISIS 650S		
ISIS 670		
LIT 615S / ICS 615S		
VMS 550S		
VMS 551SL		
VMS 565S		
VMS 575S / ISIS 575S / MUSIC 575S / AMI 575S		
VMS 580S		
VMS 590S / ECE 590		
VMS 713		

Code	Title	Hours
NC State Electives		
ADN 419		
ADN 423		
ADN 502		
ADN 503 ¹⁹		
ADN 561		
COM 537		
COM 547		
COM 581 / 798		
COM 598		
CSC 582		
CRD 702		
ECI 511		
ECI 512		

ECI 513
ECI 514
ECI 515
ECI 546
ENG 506
ENG 519
ENG 582
ENG 583
ENG 584
ENG 585 / CDR 791
ENG 587
GIS 410 / 510
HI 534
HI 595
HI 599

Code	Title	Hours
NC Central Electives		
LSIS 5420		
LSIS 5425		
LSIS 5440		
LSIS 5451		
LSIS 5452		
LSIS 5460		
LSIS 5614		
LSIS 5820		
LSIS 5830		
LSIS 5835		
LSIS 5883		

- ¹ Approved Sections: 001
- ² Approved Sections: 079
- ³ Approved Sections: 001
- ⁴ Approved Sections: 001
- ⁵ Approved Sections: 001
- ⁶ Approved Sections: 001
- ⁷ Approved Sections: 001
- ⁸ Approved Sections: 001
- ⁹ Approved Sections: 02 (Introduction to Digital Humanities) and 05 (Digital History: Trends, Challenges and the Future of the Historical Method)
- ¹⁰ Approved Sections: 001
- ¹¹ Approved Sections: 01W (Fundamentals of Programming Applications for Applied Data Science), 02W (Data Ethics for Applied Data Science), 163W (Information Analytics/Intro to Big Data and NoSQL), 165 (Web Development), 172 (Usability Testing and Evaluation), 187 (Issues in Cloud Computing), 189 (Social Media and Society), 270 (Community Archiving), 224 (Visual Analytics), 226 (Digital Humanities), 227 (Mobile Web Development), 230 (Community Data Lab), 242 (Data Sharing Among Scientists), 246 (Digital Textual Scholarship: An Introduction to Text Encoding, Text Editing, and Distant Reading), 249 (Copyright and Intellectual Property Issues in Archives), 270 (Data Mining: Methods & Applications), and 189 (Big Data, Algorithms, and Society)
- ¹² Approved Sections: 01W (Metadata)
- ¹³ Approved Sections: 186 (Making the Humanities Digital)
- ¹⁴ Approved Sections: 001 (multimedia Storytelling)

- 15 Approved Sections: 01 (The Medieval Castle in Britain)
- 16 Approved Sections: 01 (Wired! New Representational Technologies: Chateaux of the Loire Valley: Architecture, Court Life, and Warfare in Renaissance France)
- 17 Approved Sections: 01 (How They Got Game)
- 18 Approved Sections: Media: Data and Experience; Post-Cinema; and Computational Cinematography.
- 19 Approved Sections: 001 (Storytelling Through Films)

Non-Course Certificate Requirements