

# DIGITAL STUDIES, CERTIFICATE

## REQUIREMENTS

### REQUIREMENTS FOR THE CERTIFICATE

The certificate requires a minimum of six courses and 16 credits. The courses must be distributed as follows:

#### CORE COURSES

One course from:

Code	Title	Credits
COM ARTS 200	Introduction to Digital Communication	3
ENGL 178	Digital Media, Literature, and Culture	3
JOURN 175	Media Fluency for the Digital Age	3
L I S 201	The Information Society	4

#### DISTRIBUTION

One course from each of these areas:

##### Digital Information Structures (I) Courses

Code	Title	Credits
COM ARTS 345	Online Communication and Personal Relationships	3
COM ARTS 377	Topics in Digital Studies (Communication Science & Rhetoric)	3
COM ARTS 472	Rhetoric and Technology	3
COM ARTS 478	Rhetoric and Power on the Internet	3
COM ARTS/JOURN/ LSC 617	Health Communication in the Information Age	3
CURRIC 209	Digital Media and Literacy	3
GEOG 572	Graphic Design in Cartography	3-4
L I S 202	Informational Divides and Differences in a Multicultural Society	3
L I S 301	Information Literacies in Online Spaces	3
L I S 340	Topics in Information Studies - Social Aspects	3
L I S 341	Topics in Information Studies - Technological Aspects	1-3
L I S 350	History and Future of Books	3
L I S 351	Introduction to Digital Information	3
L I S 440	Navigating the Data Revolution: Concepts of Data & Information Science	3
L I S 500	Code and Power	3
L I S 510	Human Factors in Information Security	3

L I S/NURSING/ OCC THER 517	Digital Health: Information and Technologies Supporting Consumers and Patients	3
L I S 661	Information Ethics and Policy	3
L I S/LEGAL ST 663	Introduction to Cyberlaw	3
LSC 460	Social Media Analytics	3

##### Digital Media (M) Courses

Code	Title	Credits
COM ARTS 345	Online Communication and Personal Relationships	3
COM ARTS 346	Critical Internet Studies	3
COM ARTS 377	Topics in Digital Studies (Communication Science & Rhetoric)	3
COM ARTS 449	Sound Cultures: Podcasting and Music	3
COM ARTS 459	New Media and Society	3
COM ARTS 472	Rhetoric and Technology	3
COM ARTS 478	Rhetoric and Power on the Internet	3
COM ARTS 509	Digital Media and Political Communication	3
COM ARTS 547	Digital Game Cultures	3
COM ARTS 577	Dynamics of Online Relationships	3
ENGL 271	Writing with New Media	3
ENGL 571	Remix, Mashup, and Digital Design	3
JOURN 463	Digital Media Strategies	4
JOURN 464	Public Relations Strategies	4
JOURN 465	Social Media Marketing Communications	4
JOURN 622	The Impact of Emerging Media	3
JOURN/L I S 677	Concepts and Tools for Data Analysis and Visualization	3
L I S 340	Topics in Information Studies - Social Aspects	3
L I S 350	History and Future of Books	3
L I S 510	Human Factors in Information Security	3
L I S/NURSING/ OCC THER 517	Digital Health: Information and Technologies Supporting Consumers and Patients	3
L I S 661	Information Ethics and Policy	3
L I S/LEGAL ST 663	Introduction to Cyberlaw	3
LSC 350	Visualizing Science and Technology	3
LSC 432	Social Media for the Life Sciences	3
LSC 440	Digital Media and Science Communication	3
LSC 460	Social Media Analytics	3
MARKETNG 355	Marketing in a Digital Age	3

##### Digital Forms (F) Courses

Code	Title	Credits
ART 107	Introduction to Digital Forms	3
ART 428	Digital Imaging Studio	4
ART 429	3D Digital Studio I	4

ART 529	3D Digital Studio II	4	COMP SCI 202	Introduction to Computation	3
ART 660	Art and Technology	4	COMP SCI 220	Data Science Programming I	4
COM ARTS 155	Introduction to Digital Media Production	4	CURRIC 209	Digital Media and Literacy	3
COM ARTS 355	Introduction to Media Production	4	ENGL 271	Writing with New Media	3
COM ARTS 465	Editing and Post-production for Video and Film	4	ENGL 571	Remix, Mashup, and Digital Design	3
COM ARTS 467	Cinematography and Sound Recording	4	GEOG 370	Introduction to Cartography	4
COM ARTS 468	Producing for Internet TV and Video	3	JOURN 411	Multimedia Design	4
COM ARTS/ FOLKLORE 522	Digitally Documenting Everyday Communication	3	JOURN 417	Magazine Publishing	4
COM ARTS 651	Advanced Video Production and Direction	3	JOURN 425	Video Journalism	4
COM ARTS 659	Advanced Motion Picture Production Workshop	4	JOURN 445	Creative Campaign Messages	4
GEOG 370	Introduction to Cartography	4	JOURN 449	Account Planning and Strategy	4
GEOG 572	Graphic Design in Cartography	3-4	JOURN 463	Digital Media Strategies	4
JOURN 411	Multimedia Design	4	JOURN 464	Public Relations Strategies	4
JOURN 417	Magazine Publishing	4	JOURN 465	Social Media Marketing Communications	4
JOURN/L I S 677	Concepts and Tools for Data Analysis and Visualization	3	JOURN 670	Community Service Learning: Technology for Social Change	3
LSC 332	Print and Electronic Media Design	3	L I S 301	Information Literacies in Online Spaces	3
LSC 350	Visualizing Science and Technology	3	L I S 341	Topics in Information Studies - Technological Aspects	1-3
LSC 450	Documentary Photography for the Sciences	3	L I S 351	Introduction to Digital Information	3
LSC 532	Web Design for the Sciences	3	L I S 440	Navigating the Data Revolution: Concepts of Data & Information Science	3

### Digital Practices (P) Courses

Code	Title	Credits	Code	Title	Credits
ART 107	Introduction to Digital Forms	3	L I S 500	Code and Power	3
ART 309	Digital Art and Code	4	LSC 314	Introduction to Digital Video Production	3
ART 409	Digital Fabrication Studio	4	LSC 332	Print and Electronic Media Design	3
ART 428	Digital Imaging Studio	4	LSC 360	Information Radio	3
ART 429	3D Digital Studio I	4	LSC 432	Social Media for the Life Sciences	3
ART 528	Digital Interactive Studio	4	LSC 450	Documentary Photography for the Sciences	3
ART 529	3D Digital Studio II	4	LSC 532	Web Design for the Sciences	3
ART 660	Art and Technology	4	LSC 614	Advanced Video Production	3
COM ARTS 155	Introduction to Digital Media Production	4	THEATRE 213	Digital Design Visualization for Entertainment	3
COM ARTS 355	Introduction to Media Production	4			
COM ARTS 449	Sound Cultures: Podcasting and Music	3			
COM ARTS 651	Advanced Video Production and Direction	3			
COM ARTS 465	Editing and Post-production for Video and Film	4			
COM ARTS 467	Cinematography and Sound Recording	4			
COM ARTS 468	Producing for Internet TV and Video	3			
COM ARTS/ FOLKLORE 522	Digitally Documenting Everyday Communication	3			
COM ARTS 659	Advanced Motion Picture Production Workshop	4			
COMP SCI 200	Programming I	3			

### CAPSTONE

Code	Title	Credits
COM ARTS 605	Digital Studies Capstone <sup>1</sup>	1

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The Capstone cannot be completed until students have completed or are enrolled in their final course of the certificate.

### RESIDENCE AND QUALITY OF WORK

- At least 9 Certificate credits in Residence
- Minimum 2.000 GPA in all Certificate courses

## **CERTIFICATE COMPLETION REQUIREMENT**

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.