

# 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

Choose one course from this list:

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

#### DISTRIBUTION

Choose one course from each area (a unique course must be taken to satisfy each area):

##### Digital Practice (P) Courses

Code	Title	Credits
ART 107	Introduction to Digital Forms	3
ART 309	Digital Art and Code	4
ART 409	Digital Fabrication Studio	4
ART 428	Digital Imaging Studio	4
ART 429	3D Digital Studio I	4
ART 528	Digital Interactive Studio	4
COM ARTS 155	Introduction to Digital Media Production	4
COM ARTS 355	Introduction to Media Production	4
COM ARTS 449	Sound Cultures: Podcasting and Music	3
COM ARTS 465	Editing and Post-production for Video and Film	4
COM ARTS 468	Producing for Internet TV and Video	3
COM ARTS/ FOLKLORE 522	Digital Storytelling for Social Media	3
COMP SCI/L I S 102	Introduction to Computing	3
COMP SCI 200	Programming I	3
COMP SCI 220	Data Science Programming I	4
CURRIC 209	Digital Media and Literacy	3
GEOG 370	Introduction to Cartography	4
JOURN 411	Multimedia Design	4
JOURN 417	Magazine Publishing	4
JOURN 425	Video Journalism	4
JOURN 445	Creative Campaign Messages	4
JOURN 449	Account Planning and Strategy	4
JOURN 463	Digital Media Strategies	4

JOURN 464	Public Relations Strategies	4
JOURN 465	Social Media Marketing Communications	4
JOURN 670	Community Service Learning: Technology for Social Change	3
L I S 341	Topics in Information Studies - Technological Aspects	1-3
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
LSC 314	Introduction to Digital Video Production	3
LSC 332	Print and Electronic Media Design	3
LSC 360	Information Radio	3
LSC 432	Social Media for the Life Sciences	3
LSC 450	Documentary Photography for the Sciences	3
LSC 532	Web Design for the Sciences	3
LSC 614	Advanced Video Production	3
THEATRE 213	Digital Design Visualization for Entertainment	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 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 178	Digital Media, Literature, and Culture	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
L I S 340	Topics in Information Studies - Social Aspects	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 Information (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
JOURN/L I S 677	Concepts and Tools for Data Analysis and Visualization	3
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 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 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
COM ARTS 155	Introduction to Digital Media Production	4
COM ARTS 355	Introduction to Media Production	4
COM ARTS 465	Editing and Post-production for Video and Film	4
COM ARTS 468	Producing for Internet TV and Video	3

COM ARTS/ FOLKLORE 522	Digital Storytelling for Social Media	3
GEOG 370	Introduction to Cartography	4
GEOG 572	Graphic Design in Cartography	3-4
JOURN 411	Multimedia Design	4
JOURN 417	Magazine Publishing	4
JOURN/L I S 677	Concepts and Tools for Data Analysis and Visualization	3
LSC 332	Print and Electronic Media Design	3
LSC 350	Visualizing Science and Technology	3
LSC 450	Documentary Photography for the Sciences	3
LSC 532	Web Design for the Sciences	3

### CAPSTONE

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

<sup>1</sup>

The Capstone cannot be completed until students are in their senior year and 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.