

# DOCTOR OF PHILOSOPHY WITH A MAJOR IN DIGITAL MEDIA

The Digital Media PhD was inaugurated in fall 2004 and is one of the first of its kind worldwide. The program educates research-oriented theorists/practitioners who bring the traditions of the humanities and arts to the design of digital media. The program provides the theoretical and practical foundations for research and leadership careers in academia and industry, critically engaging with the design, use, and role of digital media in culture.

Graduates of the program are prepared to work in industry, public service, and universities, shaping the emerging digital genres and expanding our understanding and mastery of the representational power of the computer.

The PhD program accepts 3-5 new candidates each year.

For more information visit: <http://dm.lmc.gatech.edu/program/phd-program/>

All PhD programs must incorporate a standard set of Requirements for the Doctoral Degree.

The core curriculum is designed to cover three fundamental areas:

1. critical history, theory, and practice of using of computing technologies for expressive purposes
2. advanced principles of interaction design
3. applied research methods in digital media

Code	Title	Credit Hours
<b>Foundational and Required Courses</b>		
LMC 6310	The Computer as an "Expressive Medium"	3
LMC 6313	Principles of Interaction Design	3
LMC 6316	Historical Approaches to Digital Media	3
LMC 6399	Discovery & Invention	3
LMC 6650	Project Studio (repeat 2 times) <sup>1</sup>	6
LMC 6800	Digital Media Master's Project or LMC 7000 Digital Media Master's Thesis	6
LMC 8000	Proseminar in Media Theory <sup>1</sup>	3
LMC 8001	Proseminar in Digital Media Studies <sup>1</sup>	3
LMC 9000	Doctoral dissertation in Digital Media <sup>1</sup>	6
<b>Minor Concentration</b>		
Minor Concentration <sup>2,3</sup>		9
<b>Electives</b>		
Select five of the following: <sup>4</sup>		15
LMC 6311	Visual Culture and Design	
LMC 6312	Design, Technology & Representation	
LMC 6314	Design of Networked Media	
LMC 6315	Product Production	
LMC 6317	Interactive Narrative/Fiction	
LMC 6318	Experimental Media	
LMC 6319	Intellectual Property Policy and Law	

LMC 6213	Edu Applications New	
LMC 6215	Issues in Media Studies	
LMC 6320	Globalization and New Media	
LMC 6321	Architecture of Responsive Spaces	
LMC 6650	Project Studio	
LMC 7999	PhD Qualifying Prep (variable credit)	
LMC 8803	Special Topics in Digital Media (repeatable)	
LMC 8813	Advanced Issues in Interactive Narrative (repeatable)	
LMC 8823	Special Topics in Game Design and Analysis	
LMC 8903	Special Problems in Human-Computer Interaction	
LMC 8831	Special Topics in Technologies of Representation (repeatable)	
LMC 8999	PhD Doctoral Prep	
<b>Total Credit Hours</b>		<b>60</b>

- <sup>1</sup> These courses are not open to waiver or substitution. Other courses may be substituted with equivalent previous work or alternate courses. Students should consult their advisors and the Director of Graduate Studies to determine the appropriate individual course of study.
- <sup>2</sup> Three related courses outside of the School of Literature, Communication, and Culture. These courses may be in other Schools of the Ivan Allen College, or in colleges or interdisciplinary fields of the Institute. Examples of a minor concentration in Computer Science: CS 6750, CS 6460, CS 6470.
- <sup>3</sup> This requirement must be certified by filing a form signed by the DGS with the Georgia Tech graduate office. The form is available online at <http://www.gradadmiss.gatech.edu/theses-dissertations>.
- <sup>4</sup> Elective courses from other academic units may be substituted with approval of the DGS.