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/

The core curriculum is designed to cover three fundamental areas:

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

Code    Title                                Credit Hours

Foundational and Required Courses
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) 6
LMC 6800 Digital Media Master's Project 6
or LMC 7000 Digital Media Master's Thesis
LMC 8000 Proseminar in Media Theory 3
LMC 8001 Proseminar in Digital Media Studies 3
LMC 9000 Doctoral dissertation in Digital Media 6

Minor Concentration
Minor Concentration 2,3 9

Electives
Select five of the following: 4 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 Media
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

Total Credit Hours 60

1 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.

2 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.

3 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.

4 Elective courses from other academic units may be substituted with approval of the DGS.