



Digital Studies and Methods Certificate

www.StudioArts.Pitt.edu or www.HAA.Pitt.edu

Revised: 9/30/2026

Overview

The Digital Studies and Methods Certificate is designed to guide students through the process of gaining their own, deeply engaged, understanding of the ways in which digital technologies affect their lives on a daily basis. It also offers an approach to learning how to take these tools up--mindfully and intentionally--into the students' broader academic and career-focused practices. This certificate requires completion of 15 credits.

Gateway courses

Select one course from the following list:

CMPINF 0010 Big Ideas in Computing and Information
CS 0010 Intro to Computing for Engineers
CS 0011 Intro to Computing for Scientists
CS 0012 Introduction to Computing for the Humanities
(Python)
ENGCOMP 0425 Digital Humanity
HAA 0425 Digital Humanity
SA 0170 Computational Art Practices- Drawbot
SA 0171 Computational Art Practices- Arduino
SA 0190 Time-Based Media

Elective courses

Select three courses from the following list. Courses from the Gateway list may also be applied as electives if not used for the Gateway requirement.

**Effective Spring term 2027 ENGLISH courses no longer count towards the certificate except for ENGCOMP 0425 - Digital Humanity.*

ARC 1183 Digital Roman Africa: Visualizing Architecture and Urbanism in Roman North Africa
ARC 1911 Architecture + Digital Media 1
ARC 1912 Architecture + Digital Media 2
CMPINF 0010 Big Ideas in Computing and Information
CMPINF 1205 Comparative Digital Privacies
CMPINF 1207 Writing Machines
CS 0010 Intro to Computing for Engineers
CS 0011 Intro to Computing for Scientists
CS 0012 Introduction to Computing for the Humanities
(Python)
CS 0090 Sustainability and Computing
CS 0134 Web Site Design and Development
CS 0590 Social Implications of Computing Technology
*ENGCOMP 0425 Digital Humanity or
HAA 0425 Digital Humanity
*ENGCOMP 0610 Composing Digital Media
*ENGCOMP 0712 Critical Making or
*ENGFLM 0712 Critical Making
*ENGFLM 0570 Introduction to New Media
*ENGLIT 0512 Narrative and Technology
*ENGLIT 0702 Introduction to Game Studies
*ENGLIT 1002 Game, Story, Play
*ENGLIT 1355 Virtual Reality
*ENGWRT 0710 Introduction to Audio Storytelling
*ENGWRT 1451 Multimedia Essay

GEOL 1445 GIS, GPS, and Computer Methods
GEOL 1460 Introduction to Remote Sensing
HAA 0425 Digital Humanity
HAA 0065 Viral Image
HIST 1906 Digital Atlas Design Internship
INFSCI 0010 Introduction to Information, Systems and Society
INFSCI 0310 Computation in Information Science
INFSCI 0410 Human-Centered Systems
INFSCI 0510 Data Analysis
INFSCI 1420 User Centered Design
INFSCI 1440 Social Computing
INFSCI 1450 Game Design
INFSCI 1500 Database Management Systems
LING 1340 Data Science for Linguists
MUSIC 0125 Creative Musicianship
MUSIC 1441 Electronic and Computer Music 1
MUSIC 1442 Electronic and Computer Music 2
MUSIC 1443 Programming Environments in Music – An Introduction to MAX/MSP
MUSIC 1444 Electronic Beat Making and Songwriting
MUSIC 1445 Creative Multimedia
MUSIC 1450 Music Production and Recording
SA 0170 Computational Art Practices- Drawbot
SA 0171 Computational Art Practices-Arduino
SA 0180 Photo Studio 1
SA 0190 Time-Based Media
SA 1270 Digital Studio: Imaging
SA 1280 Photo Studio 2
SA 1380 Digital Studio: Video
SA 1385 Digital Studio: Animation
STAT 1000 Applied Statistics Methods
STAT 1060 Foundations of Data Science
STAT 1261 Principles of Data Science
STAT 1281 Data Science with Python
THEA 1230 Stage Lighting 1
THEA 1231 Stage Lighting 2
THEA 1233 Sound Design 1
THEA 1391 Special Topics: Theatre Design

Springboard course

Students will complete three credits in an interdisciplinary springboard course.

SA 1387 Digital Studio-Projects

Grade Requirements

A minimum letter grade of C- is required in each course that counts toward the certificate.

Satisfactory/No Credit Option

There is no limit to the number of courses that may be taken on

the S/NC basis for this certificate.