
ARTH 101 Introduction to the History of Art Part II: Renaissance to the Present

ARTS 105 Drawing I

ARTS 108/CAMS 108 Photography I

ARTS 109/CAMS 109 Basic Two-Dimensional Design

ARTS 165/CAMS 135 Introduction to Video Production

CAMS 108/ARTS 108 Photography I

CAMS 109/ARTS 109 Basic Two-Dimensional Design

CAMS 135/ARTS 165 Introduction to Video Production

CS 110 Computer Science and the Internet

Core Courses Required for the Major

Students majoring in MAS are required to take at least three art/music core courses and at least three computer science core courses from the following core courses. There is flexibility for a student to declare concentration in "Media Arts," by adding two more art/music core courses, or in "Media Sciences," by adding two more computer science core courses. The approved core courses are listed below.

ARTS 221/CAMS 239 Digital Imaging

ARTS 255 Dynamic Interface Design

ARTS 260/CAMS 230 Moving Image Studio

ARTS 208/CAMS 238 Photography II

ARTS 265/CAMS 235 Intermediate Video Production

ARTS 219 or **ARTS 220** Printmaking (with permission of the program directors)

MUS 275 Computer Music: Synthesis Techniques and Compositional Practice

ARTS 308/CAMS 338 Photography III

ARTS 313 Virtual Form

ARTS 317 Seminar. Topics in the Visual Arts (with permission of the program directors)

ARTS 322 Advanced Print Concepts (with permission of the program directors)

ARTS 365/CAMS 335 Advanced Video Production

CAMS 230/ARTS 260 Moving Image Studio

CAMS 235/ARTS 265 Intermediate Video Production

CAMS 238/ARTS 208 Photography II

CAMS 239/ARTS 221 Digital Imaging

CAMS 335/ARTS 365 Advanced Video Production

CAMS 338/ARTS 308 Photography III

CS 111 Computer Programming and Problem Solving

CS 215 Multimedia Design and Programming

CS 220 Human-Computer Interaction

CS 230 Data Structures

CS 231 Fundamental Algorithms

CS 242 Computer Networks

CS 304 Databases with Web Interfaces

CS 307 Computer Graphics

CS 315 Web Search and Mining

CS 349 Tangible User Interfaces

Media Culture Courses recommended for the Major

It is recommended that students majoring in MAS take least one media culture course from the ones listed below.

ARTH 225 Modern Art Since 1945
ARTH 226/CAMS 207 History of Photography: From Invention to Media Age
ARTH 364/CAMS 328 Women Filmmakers: History and Theory of Subversion
ARTH 391/CAMS 341 Persuasive Images
CAMS 175 Introduction to Cinema and Media Studies
CAMS 207/ARTH 226 History of Photography: From Invention to Media Age
CAMS 328/ARTH 364 Women Filmmakers: History and Theory of Subversion
CAMS 341/ARTH 391 Persuasive Images

For Credit Toward the Major

The courses listed below are representative of other Wellesley and MIT courses that emphasize topics related to the MAS major. Students may include courses not listed below in their major with permission of the program directors.

ANTH 232 Anthropology of the Media
CAMS 231 Film as Art
CAMS 234/ENG 204 The Art of Screenwriting
CS 115/PHYS 115 Robotic Design Studio
CS 342 Computer Security
ENG 204/CAMS 234 The Art of Screenwriting
PHIL 203 Philosophy of Art
PHYS 115/CS 115 Robotic Design Studio
NEUR 320 Vision and Art: Physics, Physiology, Perception, and Practice with Laboratory
SOC 231 The Sociology of Art, Media, and Culture—Comparative Perspectives
POL1 316 Mass Media in American Democracy

MIT Courses

The MIT Media Lab and the MIT Comparative Media Studies Program offer a large variety of courses that may be appropriate for a media arts and sciences major. These offerings vary per semester; please consult the MIT catalog at student.mit.edu/catalog/mMASa.html and student.mit.edu/catalog/mCMSa.html.

Olin Courses

The Olin College of Engineering offers the following courses that may be appropriate for a media arts and sciences major.

ENGR 2250 User Oriented Collaborative Design
ENGR 3220 Human Factors and Interaction Design

Requirements for the Major

A major in MAS requires twelve units of course work, at least eight of which must be above the 100-level and at least two of which must be at the 300-level. No more than one can be 350 or 360. In particular, to major in MAS a student must take three required *introductory* courses, one each from studio art, art history and computer science and at least three required *art/music core* courses and at least three required *computer science core* courses. The approved courses are listed in the labeled sections above.

Flexibility has been built into the major to allow students to adapt their course of study to their interests, choosing an optional concentration either in “Media Arts,” by adding two more art/music core courses, or in “Media Sciences,” by adding two more computer science core courses.

Majors are also encouraged to take at least one approved *media culture* course and an advanced media production course (e.g. an MAS individual study). In addition to other courses at Wellesley, students can take approved courses at MIT’s Media Lab and Comparative Media Studies program or at Olin College of Engineering. A Frequently Asked Questions (FAQ) section can be found at the program’s Web site: www.wellesley.edu/MAS/ along with a spreadsheet to help students plan their major. For more information students should contact the

program directors.

Honors

The MAS thesis offers a year-long opportunity to develop independent research and production with honors. Students interested in proposing a thesis must have a minimum 3.5 GPA in the major, and the support of a faculty advisor in the Art or CS departments. Normally, the honors process needs to obey the guidelines of the corresponding department (Art or CS). An interdepartmental review will occur at the end of the fall semester, to determine whether the student should continue her project as a 370 in the spring and convey its decision to the student by December 20th. In a case where it is recommended that the Senior Thesis not be continued into the second semester, a student would receive credit for 360 work on the completion of a schedule of work previously agreed to between the thesis advisor and the student.

The thesis proposal should be discussed with the primary faculty advisor during the spring prior to senior year. Proposals for thesis projects must be submitted in writing, detailing the scope for the project, research methodology, project timeline, and must be accompanied by an electronic portfolio of at least 4 MAS/Studio Art projects. Proposals are due on August 25 before the beginning of the student's senior year. (For students wanting to graduate in the Fall, contact the program directors for adjusted dates.)

Advanced Placement Policy

Students may receive a maximum of one unit of college credit for a score of 5 on the Computer Science A or AB Advanced Placement Exam. This unit can count towards the media arts and sciences major.