What is Computing and the Arts?

An interdepartmental major designed for students interested in integrating work in computing and one of the arts disciplines. Computing and the Arts provides students with core computer science skills that allow them to explore interesting and substantive problems in Architecture, Art, Art History, Music, and Theater and Performance Studies.
Computer Science Core Studies

6 courses, including CPSC 201, 202, and 223

Architecture
6 courses from ARCH

Art
6 courses from ART

Art History
6 courses, 5 from HSAR and one studio art course

Music
6 courses from MUSI

Theater Studies
6 courses, 3 from THST and 3 courses in dramatic literature or theater history
Summary of Major Requirements

Prerequisite Courses
- All tracks: CPSC 100 or CPSC 112
- Art: ART 111, 114, and sophomore review;
- Architecture: ARCH 150, 200
- Art: ART 395
- Hist of Art: HSAR 401
- Music: CPSC 431, 432
- Theater: THST 110, 111

Specific courses required
- All tracks: CPSC 201, 202, 223
- Architecture: ARCH 150, 200
- Art: ART 395
- Hist of Art: HSAR 401
- Music: CPSC 431, 432
- Theater: CPSC 431 or 432; CPSC 478, 479, or 484

Distribution of courses
- All tracks: 3 addtl courses in Comp Sci as specified for each track, to incl 1 intermediate or advanced course (excluding CPSC 490);
- Architecture: 2 courses from the concentrations, as specified; 2 courses from ARCH 260, 312, 360, 362
- Art: 2 courses in Art at 100 level (excluding prereqs), 2 courses at 200 or 300 level, and 1 at 400 level as specified;
- Hist of Art: 1 intro, 100-level course; 2 courses in different areas of History of Art at 200, 300, or 400 level; 1 sem at 400-level in History of Art; 1 studio art course;
- Music: 2 courses from Group I (Music Theory); 3 courses from Group I or Group II (Creative Practices); (3) one course from Group III (Western Art Music) or Group IV (World and Popular Music);
- Theater: 2 courses in each of three domains as specified

Senior requirement
- All tracks: Two-term senior project including CPSC 490, approved by DUS, and
- Architecture: ARCH 491;
- Art: ART 496;
- Hist of Art: HSAR 499;
- Music: one from MUSI 496–499;
- Theater: THST 471 or 491

Substitution permitted MATH 244 for CPSC 202
Senior Project: One project, 2 courses

Demonstrate expertise

Synthesize and realize