

Certificate in Design and Creative Technologies
University of Massachusetts Amherst, Department of Art

Foundation Requirements:

Choose one

- ART 104, 110, 120, 131, 105, or 153 3-4 credits

Core Digital Media Requirements:

- ART 275 Digital Imaging 3 credits
 ART 264 Digital Design 3 credits

Possible Studio Electives:

Choose two. Studio Electives can not count as Design Studio Requirements.

- ART 230 Image Capturing 3 credits
 ART 234 Art & Code 3 credits
 ART 290STA Introduction to Computer Animation 3 credits
 ART 345 Digital Media: Printmaking 3 credits
 ART 347 Digital Media Silkscreen 3 credits
 ART 360 Sculpture 3-Mold Making & Casting 3 credits
 ART 375 Moving Image 3 credits
 ART 390STA Experimental 3D Animation 3 credits
 ART 385 Media & Motion Graphics 4 credits
 ART 364 Design Thinking for Social Innovation 3 credits
 ART 490STA Advanced Animation Seminar 3 credits

Design Studio Requirement:

Choose one after you have taken 12 credits. Courses may not be repeated.

- ART 364 Design Thinking for Social Innovation 3 credits
 ART 464 Design Projects & Production 3 credits

Professional Development Requirement:

Choose one in your final year. ART 389 can only be taken in spring of Junior or Senior year and cannot be taken in first semester of the certificate

- ART 389 - Portfolio Practicum 1 credit
 ART 298 or ART 398 - Practicum (Internship) 1 credit (minimum)

Total Credits: 19 credits (minimum)

Upon completion of the required courses, or before the end of your final semester, submit the following materials to the Art Department Undergraduate Advisor at artadvisor@umass.edu or submit physical copies of these forms to the Art Department office, Studio Arts Building Room 222.

1. DCT Certificate Requirements Checksheet, completed
 2. Declaration of DCT Certificate Form
 3. A copy of your unofficial transcript from SPIRE, with required courses highlighted
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Notes

GPA of 3.0 must be maintained in all certificate requirements. No more than 6 credits may be transferred into the program. Prerequisites moving on to more advanced work. Department Practicum credits (e.g. internships) must be arts-related, sponsored by full-time Department faculty, and approved by the Undergraduate Program Director.

Prerequisites

Students are required to fulfill the requisite courses for any sequential *Studio Electives*. *Design Studio Requirements* must only be taken after 12 credits of *Core Digital Media Requirements* and *Electives* have been taken. The *Professional Development Requirement* must be completed in one of the final two semesters of completing the certificate.

Students must be enrolled in the DCT Certificate and then contact the course instructor. Space permitting, it is the instructor's discretion to allow students into their course.

If an instructor would like to verify that you are an DCT student, please have them contact the program director.

Double Dipping

Courses applied to the certificate may also be counted toward the major or general education requirements. Although these courses may coincide with requirements for your specific field of study, please note:

- No more than two courses used to fulfill the requirements of any one credential may be applied toward the fulfillment of credentials of another program (major, minor, or certificate).
- Per University regulation, a course may only be applied to two credentials (major, minor or certificate).

Course Planning

Students intending to complete the program should note that *Foundation Requirements* (offered each semester) are prerequisites for all other requirements, and should be taken first. *Core Digital Media* and *Design Studio Requirements* are offered each semester. Depending on the course, some *Studio Electives* are only offered once a year, with varied options each semester. Students should contact associated faculty and plan accordingly if they would like to take a certain elective. Ideally, students will be able to complete the entire certificate in two years, but depending on the course availability, it may take up to three years. Students are encouraged to begin the program after the completion of the *Foundations Requirement*, as freshman or sophomores when possible.

If a student wishes to take requirements concurrently, they must contact the program director for permission.