School of Arts, Technology, and Emerging Communication

Arts, Technology, and Emerging Communication with Design and Production Pathway (BA)

When students first declare a major in Arts, Technology, and Emerging Communication, they begin in the general Design and Production Pathway. This pathway offers students an opportunity to explore the School's foundation courses in which they will develop the experience and materials to apply to a more narrowly focused pathway in Animation, Critical Media Studies, or Games. This general degree plan emphasizes the breadth of the School's interdisciplinary programs, which allows students to explore early courses across the curriculum before applying to specialize in a pathway with greater depth. Unless otherwise noted, courses in Arts, Technology, and Emerging Communication are open to all students in the University. However, students majoring in Arts, Technology, and Emerging Communication may be given preference in certain course enrollments.

Bachelor of Arts in Arts, Technology, and Emerging Communication with Design and Production Pathway

Degree Requirements (120 semester credit hours)¹

Faculty

**Professors:** Anne Balsamo, Christine (xtine) Burrough, Paul Fishwick, Roger Malina, Mihai Nadin, Marilyn Waligore
**Clinical Professors:** Elizabeth (Lisa) Bell, Tim Christopher, Paul Lester
**Associate Professors:** Heidi Cooley, Monica Evans, Eric Farrar, Todd Fechter, Midori Kitagawa, Kim Knight, Maximilian Schich, Andrew Scott, Dean Terry
**Clinical Associate Professors:** Cassini Nazir, Harold (Chip) Wood
**Assistant Professors:** Olivia Banner, Casey Johnson, Angela M. Lee, Juan Llamas Rodriguez, Sean McComber, Josef Nguyen, Wendy Sung, Hong An Wu
**Senior Lecturers:** Elizabeth Boyd, Christopher Camacho, Adam Chandler, Daedra Evans Christopher, Harold Fitzgerald, Sharon Hewitt, Laura Imaoka, Timothy Lewis, David Marks, Peter McCord, Roxanne Minnish, Christina Nielsen, Kara Oropallo, Monika Salter, Christine Veras De Souza

I. Core Curriculum Requirements: 42 semester credit hours²

**Communication: 6 semester credit hours**

COMM 1311 Survey of Oral and Technology-based Communication
RHET 1302 Rhetoric

**Mathematics: 3 semester credit hours**

Choose one course from the following:
MATH 1306 College Algebra for the Non-Scientist
MATH 1314 College Algebra

Or select any 3 semester credit hours from Mathematics core courses

Life and Physical Sciences: 6 semester credit hours

Select any 6 semester credit hours from Life and Physical Sciences core courses

Language, Philosophy and Culture: 3 semester credit hours

Choose one course from the following:

- HUMA 1301 Exploration of the Humanities
- LIT 2331 Introduction to World Literature
- PHIL 1301 Introduction to Philosophy
- PHIL 2316 History of Philosophy I
- PHIL 2317 History of Philosophy II

Or select any 3 semester credit hours from Language, Philosophy and Culture core courses

Creative Arts: 3 semester credit hours

Choose one course from the following:

- ARTS 1301 Exploration of the Arts
- AHST 1303 Survey of Western Art History: Ancient to Medieval
- AHST 1304 Survey of Western Art History: Renaissance to Modern
- AHST 2331 Understanding Art
- DANC 1310 Understanding Dance
- THEA 1310 Understanding Theatre
- FILM 2332 Understanding Film
- MUSI 1306 Understanding Music

American History: 6 semester credit hours

Choose two courses from the following:

- HIST 1301 U.S. History Survey to Civil War
- HIST 1302 U.S. History Survey from Civil War
- HIST 2301 History of Texas
- HIST 2330 Themes and Ideas in American History

Government / Political Science: 6 semester credit hours

- GOVT 2305 American National Government
GOVT 2306 State and Local Government

Social and Behavioral Sciences: 3 semester credit hours
Select any 3 semester credit hours from Social and Behavioral Sciences core courses

Component Area Option: 6 semester credit hours
Choose two courses from the following or other Component Area Option
  ARHM 2340 Creativity
  ARHM 2342 Connections in the Arts and Humanities
  ARHM 2343 Science and the Humanities
  ARHM 2344 World Cultures

II. Major Requirements, Lower-Division: 24 semester credit hours
  ATCM 2300 Introduction to Technoculture
  ATCM 2301 Computer Imaging
  ATCM 2302 Design I
  ATCM 2303 Project Management for Arts, Technology, and Emerging Communication I
  ATCM 2304 Exploration of Arts, Technology, and Emerging Communication
    or ATCM 2305 Computer Animation Processes
    or ATCM 2320 Critical Media Research Foundations
    or ATCM 2345 Principles of Digital Audio
    or ATCM 2355 Survey of Digital Fabrication
    or ATCM 2365 Game Design Fundamentals
    or ATCM 2380 Introduction to Emerging Communication
  ATCM 2322 Media Histories
    or ATCM 2321 Reading Media Critically
  ATCM 2335 Internet Studio I
  CS 1335 Computer Science I for Non-majors

III. Major Requirements, Upper-Division: 24 semester credit hours
  ATCM 3301 Digital Content Design
  ATCM 3336 Design Research Methods
ATCM 3337 Interaction Design I
ATCM 3340 Design II
ATCM 3350 Digital Video Production I
ATCM 3388 Attitudes and Behaviors
  or ATCM 3380 Media Psychology
ATCM 4384 Ethics in New Media, Technology, and Communication
  or ATCM 4320 Political Economy of Digital Media
ATCM 4397 Senior Seminar
  or ATCM 4398 Capstone Project

IV. Elective Requirements: 30 semester credit hours

Prescribed Electives: 15 semester credit hours

Choose any five courses from the following. At least two courses must be at the 4000-level, and the courses must come from at least two of the categories.

Animation
  ATCM 3305 Computer Animation I
  ATCM 3306 Modeling and Texturing I
  ATCM 3307 Lighting and Composition I
  ATCM 3308 Rigging I

Creative Expression
  ATCM 3345 Audio Technologies
  ATCM 3346 Audio Productions Lab I
  ATCM 3355 Computer Modeling for Digital Fabrication
  ATCM 3356 Projection Mapping Lab
  ATCM 3357 Digital Fabrication Lab I
  ATCM 4345 Digital Audio Processing
  ATCM 4346 Audio Productions Lab II
  ATCM 4350 Digital Video Production II
  ATCM 4357 Digital Fabrication Lab II
  ATCM 4364 Topics in Design and Production
  ARTS 3371 Photography: Black/White
  ARTS 3372 Photography: Color Concepts
  ARTS 3377 Photography: Altered Image
ARTS 3379  Photography: New Media

Critical Media Studies
ATCM 3320  Critical Media Theories
ATCM 3321  Networked Identities
ATCM 3325  Global Media Cultures
ATCM 3331  Critical Making
ATCM 3330  Digital Art and Social Practice
ATCM 4325  Race, Technology, and Media
ATCM 4330  Culture Jamming

Design
ATCM 3335  Internet Studio II
ATCM 3338  Motion Graphics I
ATCM 4337  Interaction Design II
ATCM 4338  Motion Graphics II
ATCM 4340  Strategic Design
ATCM 4364  Topics in Design and Production
CS 4352  Human Computer Interactions I
CS 4353  Human Computer Interactions II

Emerging Communication
ATCM 3380  Media Psychology
ATCM 3382  Communicating Research
ATCM 3385  Social Networks
ATCM 3388  Attitudes and Behaviors
ATCM 4380  Communication, Media, and Information Technology
ATCM 4385  Children and Media
ATCM 4386  Journalism in the Networked Age

Games
ATCM 3365  Game Design I
ATCM 3366  Game Studies I
ATCM 3368  Scripting for Games I
ATCM 3369  Games and Narrative I
ATCM 3371  User Experience Design for Games
ATCM 3372  Sound Design for Games
Free Electives: 15 semester credit hours

Both upper- and lower-division courses may be used as electives, but students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

1. Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.

2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.

3. Students who are ATEC/CS double degree or who plan to minor in CS must enroll in CS 1336 Programming Fundamentals and CS 1136 Computer Science Laboratory and/or CS 1337 Computer Science I (if placed out of CS 1336 and CS 1136).