

BXA INTERCOLLEGE DEGREE PROGRAMS (BXA)

The BXA programs combine coursework in both creative and academic disciplines.

Students who have goals that can only be achieved by integrating creative and academic work are ideally suited to the BXA programs, which promote innovative approaches to interdisciplinary topics. BXA students create new knowledge and challenge definitions. BXA students are independent, motivated and well-rounded scholars and artists.

PROGRAMS

Bachelor of Computer Science and Arts (BCSA)

This program provides an ideal technical, critical and conceptual foundation for students pursuing fields that comprehensively meld technology and the arts, such as game design, computer animation, computer music, interactive stagecraft, robotic art and other emerging media. It integrates interests in CFA and SCS.

Bachelor of Humanities and Arts (BHA)

This intercollege degree is jointly offered by CFA and DC. The program provides depth in one of the fine arts disciplines in combination with a concentration in one of the subject areas offered by DC, including Psychology, Creative Writing, Decision Science and many more.

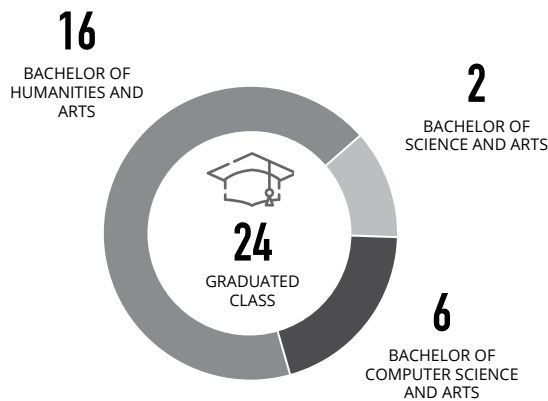
Bachelor of Science and Arts (BSA)

This program is for students who wish to explore dual interests in CFA and MCS. The goal of this degree program is to allow uniquely qualified students the opportunity to fuse their chosen areas of study in the fine arts and the sciences.

Engineering and Arts (EA) Additional Major

This program allows Engineering majors the ability to incorporate a CFA concentration and interdisciplinary courses to expand their field of study. Students graduate with engineering licensure and are prepared to work in creative, collaborative and entrepreneurial environments.

GRADUATED CLASS – SPRING 2020



BXA Admitted Student Averages

SAT-ERW	SAT-M	ACTE	ACTM	ACTC
750-770	780-800	35-36	34-35	35

Middle 50% ranges

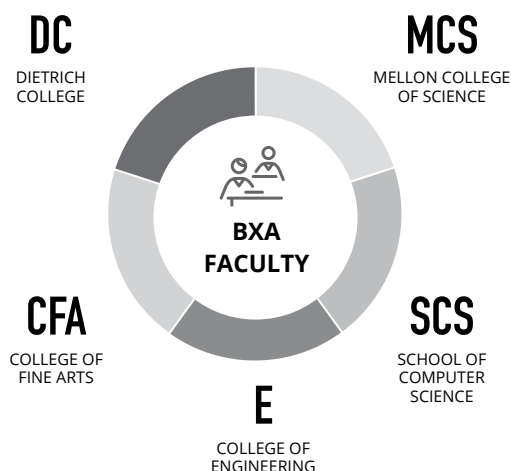
Over half of BXA students enter the program as internal transfer students. Internal transfer and additional major applications are considered every semester.

Popular First-Year Courses

The BXA Freshman Interdisciplinary Seminar introduces freshman students to arts-based research through the model of the Cabinet of Wonder/ Wunderkammer. Students study modes of representation across media before creating a final project to be presented in an exhibition at the end of the semester. Recent projects have adapted and remixed course texts into new genres and media, including short films, animations, video games and 2D and 3D art objects.

BXA students take academic courses and creative studios alongside majors in those disciplines. A BXA student's freshman schedule will reflect the student's specific concentrations, and may include Concept Studio (Art), Instrumental Ensemble (Music), Architectural Drawing (Architecture) or Fundamentals of Drama (Drama), as well as academic courses in DC, E, MCS or SCS.

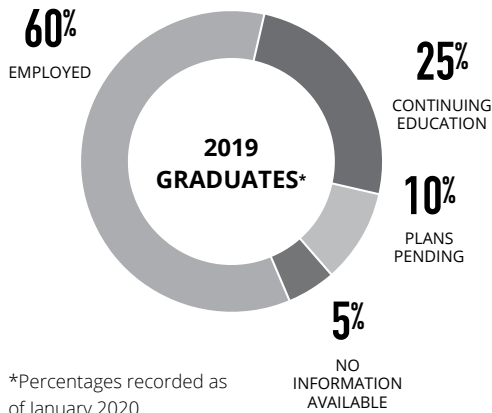
FACULTY



Notable Faculty

BXA provides access to five strong colleges that offer specialized training with expert faculty and researchers.

GRADUATE SUCCESS



Alumni Accomplishments

Kathy “Yaeji” Lee (BHA 2015) is a rising singer, DJ and producer known for her unique style of mixing American and Korean lyrics. She’s played Coachella and Lollapalooza, was highlighted as Billboard Dance’s “Ones to Watch” and Forbes’ “30 Under 30,” and covered Fader magazine.

Kaytie Nielsen (BHA 2016) built on her successes in filmmaking and social justice advocacy as a Marshall Scholar, studying screenwriting in the United Kingdom. She previously won a nationally competitive fellowship from the Henry Luce Foundation providing stipends, language training and individualized professional placement in Asia. She also received a Fulbright Award as a first-year creative writing and directing student.

Employment

A BXA intercollege degree prepares students for graduate study or additional training in the arts and other academic areas. Recent graduates have pursued medical, dental, law, professional, MFA and Ph.D. programs at top ranking institutions such as Columbia, Harvard, MIT and Penn.

In addition, students are prepared for careers in a variety of fields, including positions with arts and education nonprofits like museums and foundations, as well as technical positions with media and technology companies.

Student Awards

Christine Phang (BHA 2019), a children’s book author and illustrator, was selected by the Dietrich College of Humanities and Social Sciences as a co-winner of the Gretchen Goldsmith Lankford Award. The award recognizes a rising educator who plans to attend graduate school and enter into a career in teaching.

Daniel See (BHA 2019) was one of the Alumni Association’s student engagement award winners recognized for his significant contributions to the quality of life at the university. He also worked with a group of men at a local shelter to advocate and raise funds by creating a series of cups molded with the handprints of individuals experiencing homelessness.

RESEARCH

Infectious Overlay

Léann Bahi (BCSA 2019) created an augmented reality installation in which virtual wraiths infest the viewer’s immediate surroundings to explore the encroachment of physical space.

Dedications I-V

Chloé Desaulles (BHA 2019) made a short volumetric film composed of individual tales on memory as told by people with progressive memory loss. It was inspired by neuroscientific research on degenerative disorders and active recall.

Sonifying Mice

Mauricio Gil-Silva (BSA 2019) constructed a model for converting data from mice walking on a treadmill to elements of sound, providing scientists with an auditory display that can help them engage data in a novel way.

Sending Love through Wearable Technology

Caroline Hermans (E 2018; EA additional major) explored romantic wearable technology in the form of a pair of scarves that facilitate the wordless exchange of warmth, love and attention. Partners communicate by touching a capacitive sensor embedded in their scarf, which signals the other person’s scarf to warm up using a heating pad.

DID YOU KNOW?

1. The 2020 graduating senior class completed BXA Capstone Projects including:

- > an exploration of collaborative music listening and sharing on digital platforms
- > a visualization of the dreamlike environments in fairy tales and exploration of their commercial appeal via wearable art
- > series of paintings and digital artwork investigates what artificial intelligence can show about the nature of human consciousness, especially memory and loss
- > a sustainable pet apparel startup that disrupts the waste cycle by taking unwanted textiles and upcycling them into unique and innovative dog products
- > a multichannel video installation and collage where the artist aims to visually redefine and restructure traditional notions of domesticity

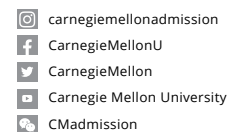
BXA students find their Capstone Projects to be an essential component of their undergraduate story, showing how success can be measured not just by their final output, but also by the process that got them to that point. The BXA Capstone sequence covers both semesters of a student’s senior year in consultation with the BXA director and an expert in a chosen field of interest. These projects are often successfully funded by grant opportunities.

2. BXA students are **encouraged to study abroad** to broaden their interdisciplinary experience. In the last five years, over one-third of BXA graduating seniors have studied abroad.

3. BXA students receive **advising support from various academic areas** — in addition to a primary BXA advisor, students are also required to stay in contact with a CFA advisor and an advisor in their academic concentration.

Carnegie Mellon University

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