

BXA INTERCOLLEGE DEGREE PROGRAMS

The BXA Intercollege Degree Programs provide an educational path for students whose goals are best achieved by integrating creative and academic work. Within Carnegie Mellon University's world-renowned interdisciplinary environment, these students make their mark — their X — that defines an individualized education and career path. Here, academics and arts intersect in innovative opportunities.

— Challenge Definitions with a Multidisciplinary Perspective

In our BXA programs, you'll gain access to multidisciplinary courses that help you to create new ideas and challenge definitions. The X in BXA represents this — the variable that changes depending on the academic unit you choose to integrate with your College of Fine Arts concentration. Here, you'll plot a course to discovery with classes that pique your interest and motivate your mind — arts blended with computer science, humanities, science or engineering. These degrees are uniquely Carnegie Mellon.

You'll also engage in a Capstone Project that's an essential component of your undergraduate experience, showing how success can be measured not just by your final output, but also by the process it takes to get there. You'll work through your BXA Capstone alongside BXA faculty and an expert in your chosen field of interest. Many of these projects are successfully funded by grants.

The BXA programs experience promotes lifelong success, leadership and growth. All of which lead to creative excellence, intellectual excellence, innovation and independence. Graduates 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. Recent BXA graduates have also pursued medical, dental, law, professional, MFA and Ph.D. programs at top-ranking institutions.

INCOMING CLASS

FALL 2021

39

— Did you know?

Since 2008, thirteen BXA students and alumni have been **AWARDED FULBRIGHT FELLOWSHIPS** to research and teach in **Argentina, Finland, India, Indonesia, Malaysia, Mongolia, Netherlands, Serbia, Scotland, Spain, Thailand, Turkey and the United Kingdom.**

91% of the 2021 BXA graduates achieved **UNIVERSITY AND/OR COLLEGE HONORS.**

BCSA seniors who present their Capstone Project at the **MEETING OF THE MINDS UNDERGRADUATE RESEARCH SYMPOSIUM** have the opportunity to win the **Armero Award for Inclusive Creativity** competition prize.

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 the College of Fine Arts and School of Computer Science.

Bachelor of Humanities and Arts (BHA)

This program is tailored to students looking to pursue an interest in the College of Fine Arts while also pursuing an area of study within the Dietrich College of Humanities and Social Sciences. The program provides the flexibility for students to delve into their concentrations or explore other areas in which they may be interested.

Bachelor of Science and Arts (BSA)

This program is for students who wish to combine the rigorous science education of the Mellon College of Science with the artistic and technical resources of the College of Fine Arts. Students fuse their arts passion with a concentration in biological sciences, chemistry, mathematical sciences, neurobiology or physics.

Engineering and Arts (EA) Additional Major

This program includes a full engineering curriculum plus an interdisciplinary program providing a foundation in fine arts. The course of study is structured so it can be completed alongside a primary engineering major and includes concentrations in architecture, art, drama or music. Students may pursue engineering licensure and are prepared to work in creative, collaborative and entrepreneurial environments.

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– Curriculum Overview

You'll begin your education with the BXA first-year interdisciplinary seminar that introduces arts-based research and modes of representation across media through the Cabinet of Wonder/Wunderkammer model. You'll take academic courses and creative studios alongside majors in your disciplines. BXA-specific courses in the third year will provide the guidance, structure, theory and research methods you'll rely upon as you bring together your two chosen concentrations.

In your fourth year, you'll complete a two-semester, research-intensive Capstone Project. Capstones range from papers, performances and games to apps, installations, business plans and beyond. The goal of the Capstone is to show how you've woven together the interdisciplinary elements of your coursework into an integrated project. It provides a concrete representation of your work that you'll present at the annual Meeting of the Minds Undergraduate Research Symposium, held each May.

Along the way, you'll receive advising support from various academic areas. In addition to a primary BXA advisor, you'll stay in contact with a College of Fine Arts advisor and an advisor in your academic concentration. Additional opportunities for growth include research and extracurricular activities within the university and Pittsburgh communities. BXA students are encouraged to study abroad to expand their interdisciplinary experience. On average, over one-third of BXA graduating seniors have studied abroad.

– Student Capstones and Research

Zobits

Sebastian Carpenter (BCSA 2021) and Alyssa Lee (BCSA 2021) developed a generative building toy that translates tangible interactions to virtual outcomes. By mixing and matching organism figurines on a play pad, users can see how their creative choices affect an ecosystem on their mobile device.

Breathing Space

Kaitlyn Fong's (BSA 2021) Breathing Space is a video art piece featuring a garden of four blooming paper cut flowers. The artwork depicts a surreal virtual space and acknowledges the act of living within a COVID context.

Eco Grinds

Sommer Schneller (BHA 2021) repurposed spent coffee grounds to produce novel eco-conscious products including fire starters and body scrubs.

Sending Love through Wearable Technology

Caroline Hermans (EA additional major 2018) 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.

– Alumni Accomplishments

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.

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.

AVG STARTING SALARY

\$85,152

GRADUATE SUCCESS

89% Employed or in grad school within six months of graduation

DATA AS OF JANUARY 2021
72% OF GRADUATES RESPONDING






RECENT EMPLOYERS

Achieva	J.P. Morgan
Adobe	Morningstar
Cartoon Network	National Institutes of Health
Deeplocal	Pixar
Google	

"THE ENERGY AND EXCITEMENT FOR LEARNING IN THE BXA COMMUNITY IS UNIVERSAL."
-GEORGE, BSA, CLASS OF 2024+

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