

MASTER OF ARTS (MA)

IN ARTS AND MACHINE CREATIVITY

Division of Arts and Machine Creativity, HKUST

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PROGRAM OVERVIEW

The Master of Arts (MA) is an interdisciplinary program that provides students with an understanding of the full impact of artistic and machine creativity, as well as the professional skills to develop and implement innovative solutions for current and emerging global challenges.

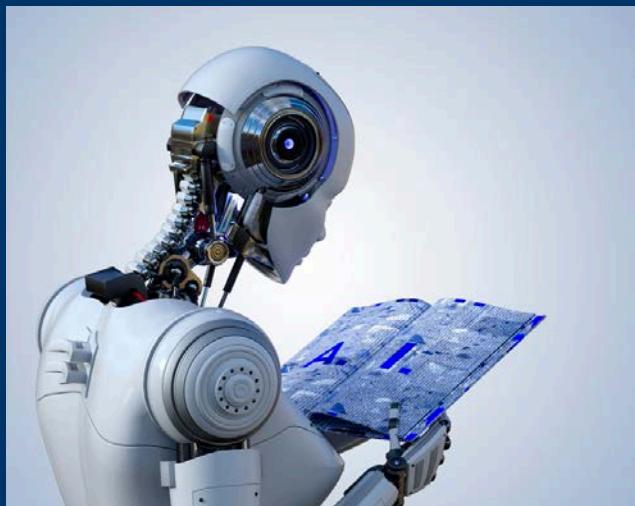
The program emphasizes critical analysis and examines legal and business issues with machine creativity from social, cultural and management perspectives, including Artificial Intelligence (AI) and Non-Fungible Tokens (NFT). Through project-based learning, the program enhances students' professional skills in developing and implementing innovative solutions, enabling them to become effective decision-makers, lead the intersection of art and technology, and promote the future development of the creative industry by combining managerial intelligence and creative thinking.

PROGRAM FEATURES

Intended Learning Outcomes

On successful completion of the program, graduates will be able to:

- Develop a general understanding of knowledge and practical skills in arts and machine creativity, focusing on art management and critical studies aspects.
- Survey economic impacts and explore new business models related to arts and machine creativity.
- Analyze significant philosophical, cultural, and social topics surrounding arts and machine creativity.





- Utilize machine creativity methods to generate creative output for media outlets and other illustrative or promotional purposes.
- Develop leadership and managerial skills for managing machine-assisted art projects, including development, production, marketing, distribution, and exhibitions.
- Understand the legal implications of machine-assisted art creations, including intellectual property rights of AI-generated art, NFT ownership, and trading.



CURRICULUM & PATHWAY

Minimum credit requirement

27 credits

The curriculum consists of Required courses and Elective (Specialization track) courses.

Required courses

9 credits

List of Required Courses

Course Code	Course Title	Credit(s)
AMCC 5000	Creative Convergence: Foundations of Arts and Machine Creativity	3
AMCC 5330	Art Administration and Art Business in the New Era	3
AMCC 5410	Art Theory: Past and Future	3



Elective courses

18 credits

List of Elective Courses

Specialization Track	Course Code	Course Title	Credit(s)
a. Machine Creativity	AMCC 5110	Programming for Art and Creativity	3
a. Machine Creativity	AMCC 5120	Generative Art: Algorithms and Creativity	3
a. Machine Creativity	AMCC 5140	AI for Visual Arts and Creativity	3
a. Machine Creativity	AMCC 5150	Visual Computing for Visual Arts and Creativity	3
a. Machine Creativity	AMCC 5160	AI-Driven Animation and Video Generation	3
a. Machine Creativity	AMCC 5170	Interactive Visual Art with Generative Models	3
b. Machine-Assisted Art Practice	AMCC 5210	Practice and Techniques for Visual Creatives	3
b. Machine-Assisted Art Practice	AMCC 5220	Technology in Music and Sound Art	3

List of Elective Courses (cont'd.)

Specialization Track	Course Code	Course Title	Credit(s)
b. Machine-Assisted Art Practice	AMCC 5250	Filmmaking with AI Innovations	3
b. Machine-Assisted Art Practice	AMCC 5270	Art Education and Technology	3
c. Art Management	AMCC 5310	Art ID, Blockchain and NFTs for Digital Creations	3
c. Art Management	AMCC 5320	Management Strategies for Art and Technology Projects	3
c. Art Management	AMCC 5340	Digital Art Provenance and Informatics	3
c. Art Management	AMCC 5350	Business Development for Art and Technology Projects	3
c. Art Management	AMCC 5360	Legal Issues in Art and Technology	3
c. Art Management	AMCC 5370	Models of New Cultural Space	3
d. Critical Studies	AMCC 5430	History of Motion Picture Science	3

List of Elective Courses (cont'd.)

Specialization Track	Course Code	Course Title	Credit(s)
e. ^{note1}	AMCC 6100	Professional Practice and Research (Projects)	3
e. ^{note1}	AMCC 6110	Professional Practice and Research (Internships)	3
e. ^{note1}	AMCC 6950	Special Projects in Arts and Machine Creativity	1-4
Other ^{note2}	AMCC 6500	Special Topics in Arts and Machine Creativity	1-4

Note 1.

Real-world projects in collaboration with industry partners, art institutions, and tech companies. This is optional for MA students and contingent upon Program Director's approval. The Program Director will also decide the nature of the project, whether it will be an individual or group endeavor.

Note 2.

Students may take AMCC 6500 in the above areas to fulfill the elective requirement.

Subject to the approval of the Program Director, a maximum of two postgraduate courses outside the above lists may be taken as electives to foster interdisciplinary inspiration and collaboration.

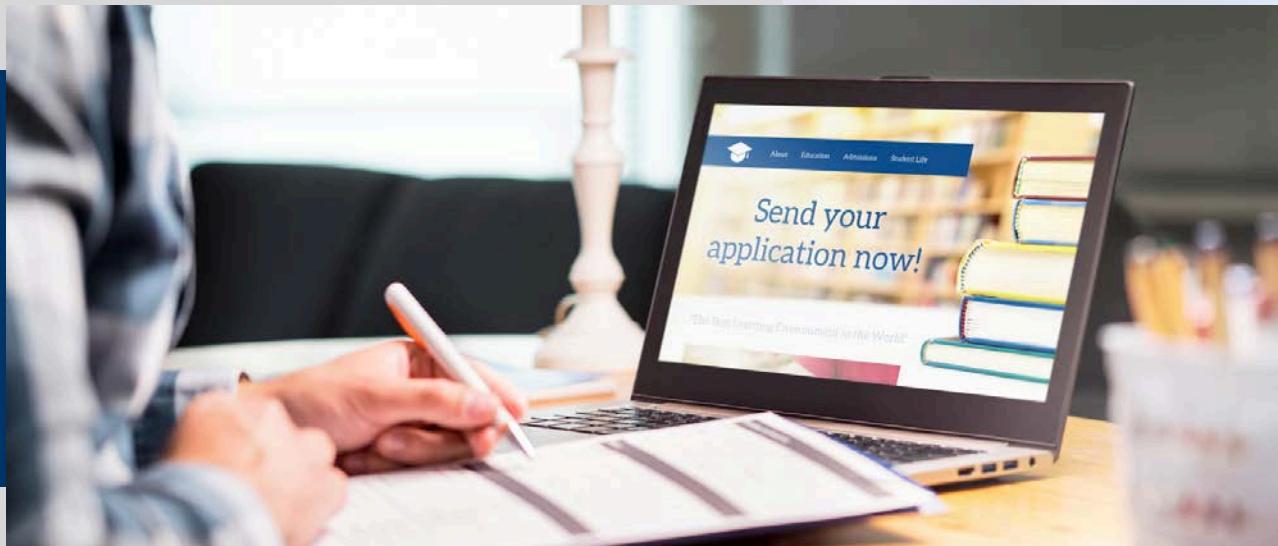
Proposed study pattern

Proposed Curriculum of MA in Arts and Machine Creativity

Term	Course	Category	Credit(s)
1st Term Fall Term	AMCC 5000 Creative Convergence: Foundations of Arts and Machine Creativity	Required	3
	AMCC 5330 Art Administration and Art Business in the New Era	Required	3
	AMCC 5410 Art Theory: Past and Future	Required	3
	Elective 1	Elective	3
	Elective 2	Elective	3
	Elective 3	Elective	3
2nd Term Spring Term	Elective 4	Elective	3
	Elective 5	Elective	3
	Elective 6	Elective	3

APPLICATION & ADMISSION REQUIREMENTS

Application procedures and deadlines



All applicants should submit their application documents through <https://fytgs.hkust.edu.hk/applynow> to Fok Ying Tung Graduate School of HKUST on or before June 1, 2025. Early applications are recommended as admission offers will be made on a rolling basis.

Application deadlines for 2024/25 application

- For applicants from outside Hong Kong: 1 June 2025
- For applicants from Hong Kong: 1 June 2025

Admission requirements

General admission requirements of the University:

- A Bachelor's degree with second class honors or above from a recognized institution, or an approved equivalent qualification
- English Language admission requirements set out by the University

Please refer to the following website for details:

<https://fytgs.hkust.edu.hk/admissions/Admission-to-Hong-Kong-Campus/submitting-an-application/admission-requirements>



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

ACADEMY OF 跨學科學院
INTERDISCIPLINARY
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