

COURSE DETAIL

GENERATIVE ART

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Art Studio

UCEAP Course Number

112

UCEAP Course Suffix**UCEAP Official Title**

GENERATIVE ART

UCEAP Transcript Title

GENERATIVE ART

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This third-year course introduces generative art, emphasizing the interplay between predefined systems and the unpredictable nature of procedural algorithms. Students learn about artistic concepts, techniques, and tools that can be applied to creating both digital and analog generative artworks. Students explore generativity as a crucial creative framework for contemporary media by examining generative artwork across various disciplines. The course covers key strategies and techniques, offering hands-on experience with software and hardware tools for generative experimentation. Additionally, students gain insight into the processes and project development involved in creating generative art.

Language(s) of Instruction

English

Host Institution Course Number

DM3008

Host Institution Course Title

GENERATIVE ART

Host Institution Course Details

<https://www.ntu.edu.sg/adm/programmes/undergraduate-programmes/bachelor-of-fine...>

Host Institution Campus

Host Institution Faculty

School of Art, Design, and Media

Host Institution Degree

Host Institution Department

Interaction Design

Course Last Reviewed

2025-2026

[Print](#)