

COURSE OVERVIEW

Course Code	DS1100 <i>(Applicable to students admitted from AY2026 onwards only)</i>
Course Title	Transversal Studio: Form and Space
Pre-requisites	NIL
Course Type	Major PE (ADMC); *BDE (NTU) <i>*Please note that a course can be taken as a BDE only when the school offers it as a BDE for that semester. Students are to check eligibility to determine if they can take this course in that semester.</i>
Academic Units	3
Contact hours	39 hours
Mutually exclusive to	Not applicable

Course Aims

In this course, you will develop essential skills in conceptualization and visualization working with 3-dimensional space and form-making. You will learn to visualize ideas through conceptualization, formulation and design development of objects, spaces, and experiences.

This includes building a fundamental understanding of visual elements and principles, and through both structured and experimental assignments to achieve creative outcomes. The assignments span a range of interdisciplinary domains, requiring you to engage in immersive and iterative investigations and problem-solving using both digital and analogue approaches. You will be guided by relevant historical, cultural, and philosophical precedents while adopting appropriate tools, attitudes, and sensitivities to organize differing physical, spatial, and temporal characteristics in your work. By the end of the course, you will gain a strong visual vocabulary, a critical foundation in material and spatial reasoning, and the ability to translate ideas into physical and digital form.

This course is ideal for students curious about the Transversal Design (Object and Interaction) pathway, or if you wish to pursue future work in product design, spatial design, creative technology, or systems-based innovation.