

# CORE COURSES SYLLABUS/CURRICULUM FOR SUTD ARCHITECTURAL PROGRAM

History, Theory and Culture

Introduction to Design Computation Architectural Science & Technology

Architecture Core Studio Design

Digital Design and Fabrication

Architectural Structure & Enclosure Design

History, Theory and Culture: Contemporary Architecture between Technology,  
Science and Culture

Building Information Modeling

Architectural Energy Systems

Paradigms of Adaptation

Advanced Topics in Performative Design: Urban Sustainability

Advanced Topics in Digital Design & Fabrication

Urban Housing Typologies

Sustainable Design Option Studio

Capstone 1

Social Architecture: Theory and practice Toward Carbon-neutral Architecture and  
Urban Design

Conservation Theories and approaches of Built Heritage

Material Computation: Advanced Topics in Geometry and Matter

Capstone 2