



## Master of Architecture [M.Arch]

Architecture for a Digital Age

The M.Arch programme includes the following research options:

- Data-driven Urban and Architectural Design
- Urban Automation and Urban Air Mobility
- Architectural Conservation
- Landscape Urbanism
- Digital Fabrication
- Parametric and Generative Design
- Artificial Intelligence for Architecture

### Programme Overview

The Master of Architecture (M.Arch) programme at the Architecture and Sustainable Design (ASD) pillar represents the deep investigation into the technology and research infused design perused by SUTD. This is an accelerated course held over 4 terms, principally comprising practice, studio, and thesis elements. It is designed to orientate and focus students through a longer-term thesis based design methodology and project; and to critically consider and realise new visions of creative and social design futures.

### An Accredited Programme

The M.Arch is a professional degree programme accredited by the Singapore Board of Architects. The intent is to equip graduates with the best foundation for practicing architecture nationally and internationally, providing a high level of technical competency and scientific knowledge while being attuned to the business opportunities and cultural contexts that will make their design projects meaningful and sustainable.

### Unique Features

- Mentorship by world-class faculty with deep design, technical and computational expertise
- Research focus on industry and societal needs and with a global outlook and local impact
- Wide use of state-of-the-art digital tools to augment hands-on & collaborative learning
- Exciting local and overseas internship opportunities

### Admissions Requirements

- At least a bachelor's degree in architecture from an accredited university
- Demonstrated relevant work experience and its duration, to fulfil the Board of Architects' requirements of undertaking an accredited master's course

Applicants should also possess the following:

- English language proficiency (TOEFL or IELTS may be required if English is not your medium of instruction)
- Some experience in programming with modern languages such as: Python, JavaScript, C++, C#
- Some knowledge in Rhino 3D, Grasshopper & Digital fabrication

## Curriculum Overview

The M.Arch programme starts in September and ends in the following December.

### Terms 1-2

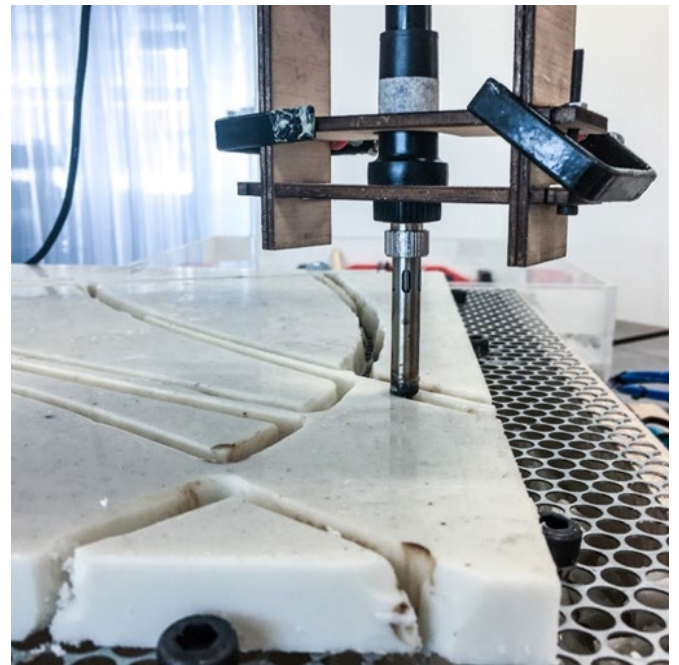
- Structured Internship

### Term 3

- Thesis Preparation
- Sustainable Design Option Studio
- Professional Practice I
- Elective Module

### Term 4

- Thesis
- Professional Practice II



## Featured Elective Modules

- Material Computation: Advanced Topics in Geometry and Matter
- Toward Carbon-Neutral Architecture and Urban Design
- Social Architecture: Theory and Practice
- Advanced Topics in Performative Design: Urban Sustainability

For more details, please visit

<https://asd.sutd.edu.sg/programme/master-of-architecture/>



## Admissions Assessment

- Portfolio evaluation
- Face-to-face or video conference Interview

## Career Opportunities

ASD graduates will be prepared for positions in:

- Architecture
- Urban design
- City planning
- Digital fabrication and design
- Computational architecture and design
- Environmental design
- Architecture research and design
- Future cities research and design
- Post-professional masters
- PhD programmes

## Company Partnerships + Internships

ASD works with more than 100 industry partners, providing diverse career opportunities.

- AGA Architects
- ARUP
- Sembcorp Architects & Engineers
- Soilbuild Construction Group
- Broadway Malyan
- CPG Consultants
- DP Architects
- Freight Architects
- Kajima Overseas Asia
- RSP Architects Planners & Engineers
- WOW Architects
- WY-TO

## Contact Us

For admissions and programme enquiries:

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