SUTD GRADUATE PROGRAMMES

Master of Science in Urban Science, Policy and Planning (USPP)

Programme Overview

The Master of Science in Urban Science, Policy and Planning (USPP) is a 12-month, full-time programme aimed at training the next generation of urban researchers, analysts and practitioners to be well-grounded in theory, skilled in data and analytics and adept at policy and planning.

Complex Urban Challenges

The USPP programme responds to a new paradigm of rapidly expanding, globally connected cities and enables students to develop novel solutions to urban challenges such as sustainable mobility, inclusive urban growth and new modes of governance for the 21st century.

Students combine advanced social and data science research methods and computational techniques with urban theory, planning and practice to explore current and emerging topics and shape the cities of the future.

Integrative Approach

Courses are taught by SUTD’s multi-disciplinary and international faculty alongside practitioners and policymakers in Singapore who are uniquely positioned to provide insights into the country’s technological and engineering expertise and experience in urban planning and development.

The programme integrates coursework with hands-on experience and independent research, and builds upon SUTD’s research and industry partnerships with government agencies and private firms.

Core Focus Areas

Urban Theory

Students are provided with a theoretical foundation that incorporates centuries of critical thinking about cities, social theory and historical and emerging urban planning paradigms.

Urban Data and Methods

Students are trained in social science research methods, Geographic Information Science (GIS) and relevant data science techniques such as machine learning, network analysis and interactive data visualisation.

Urban Practice and Policy

Students are prepared to critically assess, understand and craft evidence-based policies and programmes positioned within the institutional context of urban economics, politics and governance.
**Curriculum Overview**

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<tr>
<td>Term 2 (Jan to Apr)</td>
<td>Urban Data &amp; Methods II</td>
<td>Computational Urban Analysis</td>
<td>Research Studio</td>
<td>Applied Research and Field Work</td>
<td>Electives I &amp; II</td>
<td>Students will choose two electives from the Programme's Core Areas:</td>
<td>• Urban Theory</td>
<td>• Urban Data and Methods</td>
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<td>Term 3 (May to Aug)</td>
<td>Urban Symposium</td>
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<td>Visit the website at: <a href="http://urbanscience.sutd.edu.sg">http://urbanscience.sutd.edu.sg</a> for more details</td>
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**Admission Schedule / Deadlines**
The 12-month, full-time programme runs from **September to August**.

For an up-to-date admissions schedule, please refer to the website: [http://urbanscience.sutd.edu.sg](http://urbanscience.sutd.edu.sg)

**Contact Us**
Email: MUSPP@sutd.edu.sg

Attractive **scholarship funding** is available for both Singaporean and international students.

**Career Opportunities**
Graduates of the Urban Science, Policy and Planning programme are well-positioned for careers in the following sectors:

- Government Ministries, Statutory Boards and other government-affiliated agencies
- Private-sector organisations and international consultancies specialising in urban development and management consulting
- Professional bodies/trade associations
- Non-governmental organisations, institutes of higher learning and research institutes focusing on urban, social, community, policy, economic and environmental issues

**Singapore University of Technology and Design**
The Singapore University of Technology and Design (SUTD) is Singapore's fourth autonomous university and one of the first universities in the world to incorporate the art and science of design and technology into a multi-disciplinary curriculum.

SUTD was established to advance knowledge and nurture technically-grounded leaders and innovators to serve societal needs and create a better world by design.

The USPP Programme is jointly organised by the **Humanities, Arts and Social Sciences** (HASS) cluster and the **Lee Kuan Yew Centre for Innovative Cities** (LKYCIC) research institute.