The NUS Master of Technology in Software Engineering programme has been more than fulfilling. The curriculum is up-to-date and it provided me with many opportunities to enhance my knowledge and experience in software engineering. As I attended the part-time programme, most of my course mates were also working professionals and interacting with them greatly expanded my perspective of the industry and opened my eyes to the technologies that other companies are using.

Andrew Chong, Singapore
Senior Software Engineer, DSO National Laboratories
Master of Technology in Software Engineering (MTech SE), Class of 2017

Other Graduate Programmes by NUS-ISS

Master of Technology in Enterprise Business Analytics
Available as Stackable Graduate Certificate Programme in Data Science

Master of Technology in Intelligent Systems
Available as Stackable Graduate Certificate Programme in Artificial Intelligence

Graduate Diploma in Systems Analysis
Available as Stackable Graduate Certificate Programme in Digital Solutions Development

About the Institute of Systems Science (NUS-ISS)
Established in 1981, the Institute of Systems Science at the National University of Singapore (NUS-ISS) develops digital talent for the industry through graduate education, professional development programmes, consultancy, applied research and career services. NUS-ISS is widely recognised as a champion of the national SkillsFuture movement, enabling a digital economy that is always learning and always leading.

NUS-ISS has implemented a unique portfolio of multiple learning pathways, with a wide spectrum of programmes in critical industry disciplines such as software systems, data science, artificial intelligence, cybersecurity, smart health, digital government, digital innovation & design, digital strategy & leadership and digital products & platforms.

To date, over 130,000 infocomm & business professionals, 7,100 corporate customers and 5,900 post-graduate alumni members have benefitted from NUS-ISS’s suite of services. Its programmes are delivered by ISS staff with an average of more than 20 years of industry experience.
The NUS Master of Technology in Software Engineering programme emphasises the skills required for architecting scalable, secure and smart systems and platforms. The focus will also be exploitation of software technologies, methodologies and management techniques. It focuses on the practical and systematic construction of software systems, using innovative and state-of-the-art techniques.

The programme will equip you with the essential knowledge and practical experience to architect, design, build and manage the delivery of robust software systems for your organisation and customers.

**Programme Delivery**

M Tech SE candidates must successfully complete 1 mandatory graduate certificate from the fundamental area, 2 of 4 graduate certificates from the specialist areas as well as complete a capstone project. Students are evaluated through a combination of course work, project work and examinations.

**Who Should Apply**

- Individuals who have a few years of experience in software engineering roles and are looking to further enhance their knowledge and skills in architecting scalable, secure and smart systems and platforms.
- Professionals who are currently in or are looking to enter the careers in the following areas:
  - Software Architecture (general, smart systems, data)
  - Data Architecture
  - Software Engineering
  - Product Management

**Admission Criteria**

- Bachelor's degree preferably in Science or Engineering and a grade point average of at least B
- Proficiency in the English Language (written and spoken)
- Have passed an entrance test
- Has received a favourable assessment at admissions interview conducted by NUS-ISS
- Preferably 3-4 years relevant working experience
- Candidates who have less than four years relevant experience with good practical software engineering knowledge, gained either through course work, course projects or work experience, may be considered equivalent knowledge and skills imparted in the NCF-NUS-ISIS Certificate in Software Architecture - Foundations

*Applicants whose native tongue and medium of university instruction is not in English should submit their TOEFL or IELTS test scores as evidence of the proficiency in English.*

<table>
<thead>
<tr>
<th>TOEFL</th>
<th>IELTS</th>
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<tbody>
<tr>
<td>Paper-based test (580)</td>
<td>Result of 6.0</td>
</tr>
<tr>
<td>Computer-based test (237)</td>
<td>Internet-based test (85)</td>
</tr>
</tbody>
</table>

**How To Apply**

All applicants are required to apply online via the Graduate Admission System (Coursework). Come and find out more about the M Tech programmes at our info sessions.

Visit [www.is.s.nus.edu.sg/graduate-programmes](http://www.is.s.nus.edu.sg/graduate-programmes) for more details. We conduct in-country entrance tests and interviews in selected countries.

**Capstone Project (Full-time) 3 Months**

**Capstone Project (Part-time, 6-12 months)**

**Stackable Graduate Certificate Programme in Smart Systems & Platforms**

The Master of Technology in Software Engineering is also available as Stackable Graduate Certificate Programme in Smart Systems & Platforms. With this programme, Professional, Managers and Executives (PMEs) can attain a series of 6 NUS graduate courses over a period of five years without disrupting your career. You have the flexibility of studying at your own pace by taking the required modular courses that make up the graduate certificates to meet your needs. PMEs who do not wish to attain a graduate certificate, graduate diploma or degree can continue to attend individual modular courses thus allowing you to gain the skills to meet your career needs.

Visit [www.is.s.nus.edu.sg/stackable-programmes](http://www.is.s.nus.edu.sg/stackable-programmes) to find out more.