NEW - MASTER OF TECHNOLOGY IN IT LEADERSHIP

A professional Master’s degree programme to prepare, develop and nurture the next generation of IT leaders for Asia.

The Master of Technology in IT Leadership degree is jointly offered by the NUS Institute of Systems Science and the NUS School of Computing. The curriculum has been created by the NUS in consultation with foremost IT and business leaders, and will be jointly delivered by NUS and practising Chief Information Officers and IT leaders.

As the role of an IT leader becomes increasingly complex and multi-faceted as the use of technology permeates through the organisation and its eco-system, new demands are mandated on today’s IT leaders to reap the full benefit of digital opportunities, handle the accompanying risks, challenges and uncertainties, and operate stable, mission-critical systems. This programme will equip you with the critical knowledge, hard and soft skills to be a strong IT leader. It will accelerate your career and enhance your ability to take on complex and greater levels of responsibility in IT leadership roles. You will be equipped with the right thinking and capabilities to ride the digital wave and lead technology value realisation in the organisation. It will also help organisations to build the next generation of IT leaders.

Why is this programme different?
• Equips you with a sound foundation of knowledge, hard and soft skills, right mindset and capabilities to succeed
• Delivers an intensive practice-oriented education
• Provides mentorship and interaction with practising CIOs, IT, Business and Thought leaders in collaboration with the IT Management Association of Singapore (ITMA) and the industry
• Fulfills the developmental needs of incumbent and aspiring IT and business leaders
• Enables a rewarding and enriching experience

For more information, visit www.iss.nus.edu.sg/MTech-ITL

NEW - MASTER OF TECHNOLOGY IN IT LEADERSHIP

Software Engineering
Lead in delivering systematically engineered high quality software solutions

Knowledge Engineering
Become a leader and innovator in intelligent systems development

Enterprise Business Analytics
Lead in creating effective growth strategies for enterprises as an innovative data scientist

Learn the know-how and harness a combination of skills, knowledge and technology to advance your career in today’s fast-changing environment

National University of Singapore

The National University of Singapore (NUS), founded in 1905, is the country’s flagship university and largest in terms of courses and student enrolment. Known for its global approach to education and research with a focus on Asian perspectives and expertise, NUS has been ranked amongst the top 30 universities in the world.

With 16 faculties and schools across three campus locations in Singapore, NUS offers transformative education that builds capabilities and nurtures appropriate international perspectives for business and career anywhere in the world.

Institute of Systems Science

With over 30 years of experience in education, consulting and research, Institute of Systems Science (ISS) at the National University of Singapore (NUS) offers a suite of high quality IT graduate education and professional development courses. Its mission is to develop information leaders and drive business and organisation innovation. It delivers four Master of Technology programmes, a Graduate Diploma in Systems Analysis programme and professional development courses conducted by industry professionals with successful track records and an average of more than 20 years of industry experience.

Since 1981, over 109,000 professionals, 6,300 corporate customers and 5,100 graduate alumni members have benefited from NUS-ISS’ suite of services. The alumni community is made up of professionals from the local and MNCs, and in both the public and private sectors.

INSTITUTE OF SYSTEMS SCIENCE
NATIONAL UNIVERSITY OF SINGAPORE
25 Heng Mui Keng Terrace
Singapore 119615

www.iss.nus.edu.sg
+65 6516 2093
isspostgrad@nus.edu.sg

Get a Master’s degree from NUS, the top Asian University
• For the practitioners, by the practitioners
• Industry-relevant curriculum
• Interactive & pragmatic approach to learning
• Team-based projects / internships

www.iss.nus.edu.sg
OVERVIEW

The Institute of Systems Science (ISS) at the National University of Singapore (NUS) has delivered graduate programmes to over 5,000 students since 1981 which focus on the practical aspects of information technology (IT) and data science. The NUS-ISS Master of Technology (MTech) programme offers degrees in Software Engineering (SE), Knowledge Engineering (KE), Enterprise Business Analytics (EBAC) and IT Leadership (ITL). More information on the MTech IT Leadership programme can be found on the back page.

These master’s degrees emphasize state-of-the-practice techniques, tools and technology and internationally recognised methodologies. In addition to full-time study, they provide IT, science and engineering professionals the opportunity to upgrade their skills by studying part-time while pursuing their careers.

The MTech degrees are designed to produce highly employable IT professionals and data scientists who will be comprehensively equipped with the knowledge and skills required by the local and regional industry. Many MTech graduates have built successful careers in roles such as Software Architects/Designers, Software Project Managers, Software Quality Managers/Consultants, Enterprise Architects, IT Consultants, Knowledge Engineers, Data Analysts and Data Scientists in the public sector, multi-national and local enterprises in a wide variety of industries such as systems integration, defence, banking and finance, logistics, electronics, manufacturing and transportation.

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To recognise our students’ achievements, awards and prizes are given to the top student of each programme. Choose from one of the MTech programmes to propel your career forward.

**GLOBAL LEARNING OPPORTUNITIES**

**SOFTWARE ENGINEERING**

MTech SE emphasises the understanding and exploitation of software technologies, methodologies and management techniques. It focuses on the practical and systematic construction of software solutions, using innovation.

Graduates of the programme will be capable of fulfilling the following roles:

- **Technically-oriented software project manager** capable of successfully delivering projects that meet international quality standards and apply major software technologies and methodologies.
- **Management-aware software architect** capable of designing and developing systems that exploit major contemporary software platforms, technologies and methodologies, and leading development work in a managed quality-oriented environment.
- **Top student is awarded the Accenture Medal and Prize**. The programme will equip you with the essential knowledge and practical experience to design, build and manage the delivery of effective computing solutions for your organisation and customers.

**KNOWLEDGE ENGINEERING**

MTech KE emphasises the concepts, techniques and methods of Intelligent Systems, and their application to the development of data analytics applications.

Graduates of the programme will be able to:

- **Apply Intelligent Systems concepts, techniques and methods to solve typical business problems**.
- **Lead the development of Intelligent Systems using existing tools and techniques**, including Prediction, Forecasting, Classification, Clustering and Optimisation.
- **Design and customise algorithms to solve complex business problems**, and creating strategic advantage.
- **Top student is awarded the SPH Medal and Prize**. The programme will equip you with the essential knowledge and practical experience to become a knowledge and data analytics specialist and lead the development of intelligent systems to provide effective and optimal business solutions for your organisation.

**ENTREPRENEUR BUSINESS ANALYTICS**

MTech EBAC prepares students for specialist, expert and leadership roles in enterprise business analytics to create business value through strategic use of data analytics and data science.

Graduates of the programme will be able to:

- **Help enterprises move towards a stronger emphasis on computer tools and statistical techniques to develop high-performance analytics capability**.
- **Translate massive and complex unstructured data into insights**.
- **Produce predictive models to solve a broad range of problems across various business functions and units**.
- **Contribute to the development of more effective business strategies and plans for sustainable growth and competitive advantage**.
- **Top student is awarded the IBM Medal and Prize**. By contributing to more effective data and analytical management, you can help your enterprise to focus on big decisions so that they gain better predictive ability that can translate to higher profits. Helping enterprises to build better and more effective models will lead to improved outcomes such as more attractive pricing, higher levels of customer care, better market segmentation and highly-efficient inventory and supply chain management.

**GRADUATE PROGRAMME FROM AND FOR THE REAL WORLD**

**HANDBS-ON EXPERIENCE**

An additional way for our students to test and apply what they have learnt in class is through hackathons. We work closely with industry players to offer students the opportunity to work with real business data and solve real business challenges for organisations.

Students can also take part in other competitions organised by NUS or external organisations.

**OBTAIN A MASTER’S FROM ASIA’S TOP UNIVERSITY**

Graduates from the MTech programme will be awarded a master’s degree by NUS, ranked top in Asia by 2016/2017 Quacquarelli Symonds (QS) University Rankings and top 25 in the world, by Times Higher Education World Reputation Ranking 2017. Our programmes draw on the rich resources of NUS-ISS, a pioneer educational hub complete with residential spaces, teaching facilities and study clusters.

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# NUS-ISS Master of Technology Roadmap

## Core Courses (4 Mandatory Courses)
- **Software Project Management**
- **Object-Oriented Analysis and Design**
- **Foundations of Business Analytics**
- **Data Analytics**
- **Advanced Analytics**
- **Decision Making and Optimisation**

## Basic Elective Courses
- **Choose any 8 courses**
  - **Software Engineering (SE)**
  - **Knowledge Engineering (KE)**
  - **Enterprise Business Analytics (EBAC)**

## Technology Entrepreneurship & Innovation
- **Independent Work I**
- **Independent Work II**
- **Digital Innovation & Design**

## IT Infrastructure Technology
- **Information System Security**
- **Cloud Computing**
- **Internet of Things Technology**

## Requirements, Design & Construction
- **Software Requirements Engineering**
- **Digital User Experience Design**
- **Object Oriented Design Patterns**
- **Architecting Software Solutions**

## Advanced Elective Courses (Select Any 3 Courses from Those Listed Below)
- **Institute of Systems Science**
  - **Formal Methods**
  - **Software Entrepreneurship**
  - **Enterprise Architecture**
  - **Software Product Line Engineering**
  - **Advanced Topics in Software Process Improvement**

- **NUS School of Computing (For SE & KE students only)**
  - **NUS Department of Electrical & Computer Engineering (For SE & KE students only)**

- **For EBAC only – an extensive selection of modules are offered by the following:**
  - **NUS Division of Engineering & Technology Management**
  - **NUS Department of Industrial & Systems Engineering**

- **Refer to full list here:**

## TEAM-BASED INTERNSHIPS & OFFSITE PROJECTS

As the practical real world application of the knowledge and skills learnt is a key feature of the MTech programme, our students are expected to undertake and pass a team-based project (which can be conducted as an internship), which usually involves system development and/or problem solving for a sponsoring organisation (which, or part-time students, is often the employer of one or more team members).

The project work will also help you gain deeper insights into the subjects you have studied and develop realistic expectations for your future career. It is also a platform to observe and experience future work roles in the industry and enhance your interpersonal and collaborative skills as you transit to new work roles upon graduation. This win-win arrangement also allows sponsoring organisations the opportunity to experience and assess new technologies, techniques and methods.

<table>
<thead>
<tr>
<th>Project Objectives</th>
<th>KNOWLEDGE ENGINEERING (KE)</th>
<th>ENTERPRISE BUSINESS ANALYTICS (EBAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design and develop a practical softw...</td>
<td>Acquire hands-on experience in defining...</td>
<td>Practise new technical skills in a real...</td>
</tr>
</tbody>
</table>

## Learning Outcomes
- **Conduct a project following a formal incremental approach**
- **Apply project and quality management techniques to deliver a solution that meets user requirements**
- **Conduct requirements analysis using a structured approach**
- **Produce high-quality intelligent systems following industry best practices and methodologies**
- **Profit in the use of knowledge and data engineering tools and techniques to deliver optimal business value**
- **Apply business analytics methods and techniques to solve identified business problems**
- **Plan and execute business analytics projects by understanding business problems, identifying appropriate analytics techniques, and then applying data exploration, model building, testing and validating of results**

## Our Past Internship Companies Include the Following:
- AON
- Ascense Solutions
- Autodesk
- Boehringer Ingelheim
- Chloro Code
- Cisco Systems
- Crayon Data
- CrimsonLogic
- DBS Bank
- Daily Motion
- Decision Science Agency
- Deutsche Bank
- Energy Market Authority
- Elysights Pte Ltd
- Hewlett Packard
- IBM
- InterContinental Hotel Group
- Integrated Health Information Systems Institute for Infocomm Research
- Institute of High Performance Computing
- Inland Revenue Authority of Singapore
- Jurong Port
- Kho Teck Puat Hospital
- Land Transport Authority
- Lintgoz Flea
- Mapletree Treasury Management
- Mobitix Innovations
- NIT Singapore
- Panasonic
- PayPal
- Rakuten
- Singapore Airlines
- Singapore General Hospital
- Singapore Press Holdings
- Singapore Technologies Electronics Limited
- SingTel
- The Logistics Institute Asia Pacific

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**During my internship at CrimsonLogic,** I was involved in the design and software development process. It was a challenging, yet wonderful experience as it was an opportunity to put various advanced knowledge engineering concepts like semantic networks, fuzzy string matching, information extraction and text mining into practice. This project resulted in a working prototype and was well-received by the company.
NUS-ISS MASTER OF TECHNOLOGY
LEARNING ROADMAP

SOFTWARE ENGINEERING (SE) KNOWLEDGE ENGINEERING (KE) ENTERPRISE BUSINESS ANALYTICS (EBAC)

Core courses (4 mandatory courses)
- Basic SE Discipline
- Object-Oriented Analysis and Design
- Software Project Management
- Software Quality Management
- Intelligent Systems and Techniques for Business Analytics
- Data Warehousing for Business Analytics
- Data Mining Methodology and Methods
- Developing Intelligent Systems for Performing Business Analytics
- Foundations of Business Analytics
- Data Analytics
- Advanced Analytics
- Decision Making and Optimisation

NUS Department of Electrical & Computer Engineering (For SE & KE students only)

Advanced Topics in Software
Software Product Line Engineering
Enterprise Architecture
Formal Methods

Institute of Systems Science

- Business Transformation Through Technology Innovation
- Big Data Engineering and Analytics
- Scaling Agile
- Applied Research

Software Requirements Engineering
Digital User Experience Design
Software Requirements & Technologies

Inland Revenue Authority of Singapore

- Design and develop a practical software system with relevant documentation
- Demonstrate technical and management skills by managing and contributing to a high quality software development project
- Deliver a system that fulfills the requirements of the sponsoring company
- Design, develop and implement intelligent systems through the effective use knowledge and data engineering tools and techniques

Project Objectives

- Acquire hands-on experience in defining and analysing the knowledge and data requirements of real-world business problems
- Plan and strategise high-value intelligent systems projects to provide identifiable benefits to the internship company
- Apply project and quality management techniques to deliver a solution that meets user requirements
- Acquire business analytics methods and techniques to solve identified business problems
- Plan and execute business analytics projects by understanding business problems, identifying appropriate analytics techniques, and then applying data exploration, model building, testing and validating of results

Learning Outcomes

- Conduct a project following a formal incremental approach
- Engineer solutions using an object-oriented analysis and design method and object-oriented construction technologies
- Apply project and quality management techniques to deliver a solution that meets user requirements
- Conduct requirements analysis using a structured approach
- Produce high-quality intelligent systems following industry best practices and methodologies
- Proficient in the use of knowledge and data engineering tools and techniques to deliver optimal business value

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- Eulights Pte Ltd
- Hewlett Packard
- IBM
- InterContinental Hotel Group
- Integrated Health Information Systems
- Institute for Infocomm Research
- Institute of High Performance Computing
- Jumong Port
- Kho Teck Puat Hospital
- Land Transport Authority
- Litzgo Flea
- Lyons Analytics
- MapleTree Treasury Management
- Mobix Innovations
- NTT Singapore
- Panasonic
- PayPal
- Rakuten
- Singapore Airlines
- Singapore General Hospital
- Singapore Press Holdings
- Singapore Technologies Electronics Limited
- SingTel
- The Logistics Institute Asia Pacific

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http://www.iss.nus.edu.sg/MTech-KE

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NITIN PRADEEP
KUMAR, INDIA
MTech KE, Class of 2014
Cloud Quality Engineer, Apparelgate, a Silicon Valley-based Tech Start-up

"
ADVANCE YOUR CAREER & ENROL NOW!

Our yearly intake is in January.

ADMISSION CRITERIA

Applicants must satisfy the following criteria:

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<th>ENTERPRISE BUSINESS ANALYTICS (EBAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate degree, preferably in Science or Engineering</td>
<td>Proficiency in the English language (spoken and written)</td>
<td></td>
</tr>
</tbody>
</table>

- Preferably 2 years relevant working experience as an IT professional in software development or maintenance (e.g. programmer, designer, software project manager)
- Candidates with highly relevant IT degrees, with consistently good academic records, and good practical software development knowledge may be granted a work experience waiver
- Preferably 2 years relevant working experience as an IT professional (e.g. software developer, business analyst) or as a domain expert working in an area where Knowledge Engineering can be applied
- Candidates with highly relevant IT degrees, with consistently good academic records, and good practical computing knowledge gained either through course work, course projects or professional IT certifications may be granted a work experience waiver
- Preferably 2 years relevant working experience. IT, engineering and scientific professionals would make ideal candidates. However, those with work experience as domain experts, working in an environment where they can apply Business Analytics, would also be acceptable candidates
- Candidates with highly relevant degrees in Mathematics, Statistics, Econometrics, Management Science, Operational Research or similar, with consistently good academic records may be granted a work experience waiver

All applicants are required to take an entrance test (60 min) and attend an interview conducted by ISS.

TOEFL
- Paper-based test (580)
- Computer-based test (237)
- Internet-based test (85)

IELTS
- Result of 6.0

HOW TO APPLY

All applicants are required to apply online via the Graduate Admission System (Coursework)

Come and find out more about the MTech programmes at our preview talks. Visit www.iss.nus.edu.sg/PreviewTalks for more details. We conduct in-country entrance tests and interviews in selected countries.

FEES & LOANS

The Ministry of Education (MOE) in Singapore offers substantial tuition subsidies (known as “Service Obligation Scheme”) for eligible SE and KE international candidates for up to the maximum duration of the course.

Full-time SE and KE candidates may apply for a loan under the Tuition Fee Loan Scheme.

All applicants are required to take an entrance test (60 min) and attend an interview conducted by ISS.

You can find a sample test on the website.

LIVING EXPENSES IN SINGAPORE

ESTIMATED MONTHLY EXPENSES

| Accommodation | $400-800 |
| Food          | $300    |
| Transport     | $150-200 |

GO PLACES WITH OUR ALUMNI

Upon attainment of a transformative education at NUS-ISS, you will be part of an extraordinary alumni community of leaders and innovators. A vibrant and engaged alumni community will further enhance the value of your qualification and enrich your network of internationally-recognised Infocomm practitioners.

MTech alumni and NUS-ISS staff at the inaugural Alumni Reunion.

You can find NUS-ISS MTech alumni in global companies and public sector organisations like:

- Accenture
- Creative Technology
- HSBC
- DBS Bank
- Defence Science & Technology Agency (DSTA)
- Deutsche Bank AG
- Fuji Xerox Asia Pacific
- HP Singapore
- IBM Singapore
- Infocomm Development Authority of Singapore
- Inland Revenue Authority of Singapore
- Jurong Port
- Microsoft
- Murex
- NCS Pte Ltd
- NEC Asia Pacific
- OCBC Bank
- Revolution Analytics
- SingTel
- Standard Chartered Bank
- Starhub
- ST Electronics
- Tata Consultancy Services

You can find NUS-ISS MTech alumni in global companies and public sector organisations like:

- KRISHAN KUMAR CHUGH
  - India, M Tech SE, Class of 2004
  - Vice President, Technology Project Management Office (IT), OCBC Bank, Singapore
  - The Master of Technology in Software Engineering programme has been an excellent learning experience. My project management skills, as well as technical skills such as Software Development Life Cycle were refreshed. I enjoyed most of the lectures and the self-paced e-learning modules were very helpful as well. This is a good investment for two and a half years to develop your potential in the areas of software engineering.

- ALVIN KHODI
  - M Tech KE, Class of 1997
  - Regional IT Director, Royal DSM
  - One of the most useful things we learnt at ISS was to be analytical and to be able to adapt, especially in an industry that is changing so quickly. What ISS gave us was an invaluable reference point.

- ASWIN SREENIVAS
  - India, M Tech EBAC, Class of 2015
  - Finance Strategy Analyst, Accenture
  - The innovative and well-structured M Tech EBAC programme had the right combination and focus on technical and business skills. I gained a good balance of technical skills and domain knowledge from the wide range of modules offered, such as quantitative methodologies, technologically-based tools and techniques, as well as management skills.

- BA THEIN NAING
  - Myanmar, M Tech SE, Class of 2006
  - Vice President (Business Excellence), Starhub
  - ISS taught me how to look at the practical aspect of things and never be confined to the boundaries of what I know or have been taught. It provided me with the confidence and belief that I will be able to find a solution for the issues that I encountered during my work. Nowadays, I always look at challenges as opportunities.

- JINSON XU
  - India, M Tech KE, Class of 2015
  - Data Scientist, Accenture
  - The M Tech KE course helped to broaden and deepen my analytics knowledge especially in the areas of simulation, optimisation, and analytics for logistics, web and in computer vision. Getting my M Tech KE degree from NUS-ISS gave me a foot in the door for many data science related job interviews.

- LIU LU
  - China, M Tech EBAC, Class of 2015
  - Data Analyst, IBM Singapore
  - The M Tech EBAC programme not only allowed me to gain industry exposure through projects, internship and competitions, it also helped improve my soft skills such as negotiation and presentation. I gained invaluable experience during my internship that is relevant to my current role at IBM.
ADVANCE YOUR CAREER & ENROL NOW!

Our yearly intake is in January.

ADMISSION CRITERIA

Applicants must satisfy the following criteria:

SOFTWARE ENGINEERING (SE) KNOWLEDGE ENGINEERING (KE) ENTERPRISE BUSINESS ANALYTICS (EBAC)

Undergraduate degree, preferably in Science or Engineering

Proficiency in the English language (spoken and written)

Grade Point Average (GPA) of at least 8 (3 out of 5)

- Preferably 2 years relevant working experience as an IT professional in software development or maintenance (e.g. programmer, designer, software project manager)
- Candidates with highly relevant IT degrees, with consistently good academic records, and good practical software development knowledge gained either through course work, course projects or professional IT certifications may be granted a work experience waiver
- Preferably 2 years relevant working experience as an IT professional (e.g. software developer, business analyst) or as a domain expert working in an area where Knowledge Engineering can be applied
- Candidates with highly relevant IT degrees, with consistently good academic records, and good practical computing knowledge gained either through course work, course projects or professional IT certifications may be granted a work experience waiver
- Preferably 2 years relevant working experience. IT, engineering and scientific professionals would make ideal candidates. However, those with work experience as domain experts, working in an environment where they can apply Business Analytics, would also be acceptable candidates
- Candidates with highly relevant degrees in Mathematics, Statistics, Econometrics, Management Science, Operational Research or similar, with consistently good academic records may be granted a work experience waiver

All applicants are required to take an entrance test (60 min) and attend an interview conducted by ISS. You can find a sample test on the website.

Applicants whose native tongue and medium of university instruction is not in English should submit your TOEFL or IELTS score as evidence of your proficiency in English.

TOEFL
- Paper-based test (580)
- Computer-based test (237)
- Internet-based test (85)

IELTS
- Result of 6.0

LIVING EXPENSES IN SINGAPORE

ESTIMATED MONTHLY EXPENSES

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodation</td>
<td>$400-800</td>
</tr>
<tr>
<td>Food</td>
<td>$300</td>
</tr>
<tr>
<td>Transport</td>
<td>$150-200</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 MTech programmes at our preview talks. Visit www.iss.nus.edu.sg/PreviewTalks for more details. We conduct in-country entrance tests and interviews in selected countries.

FEES & LOANS

The Ministry of Education (MOE) in Singapore offers substantial tuition subsidies (known as “Service Obligation Scheme”) for eligible SE and KE international candidates for up to the maximum duration of the course.

Full-time SE and KE candidates may apply for a loan under the Tuition Fee Loan Scheme.

Scan this QR code for more details on Living Expenses in Singapore

Scan this QR code for more details on tuition fees and loans

GO PLACES WITH OUR ALUMNI

Upon attainment of a transformative education at NUS-ISS, you will be part of an extraordinary alumni community of leaders and innovators. A vibrant and engaged alumni community will further enhance the value of your qualification and enrich your network of internationally-recognised Infocomm practitioners.

MTech alumni and NUS-ISS staff at the inaugural Alumni Reunion.

You can find NUS-ISS MTech alumni in global companies and public sector organisations like:

Accenture
Creative Technology
HP Singapore
IBM Singapore
InfoComm Development Authority of Singapore
Infocomm Authority of Singapore
Jurong Port

Microsoft
Murex
NCS Pte Ltd
NEC Asia Pacific
OCBC Bank
Revolution Analytics

SingTel
Standard Chartered Bank
Starhub
ST Electronics
Tata Consultancy Services

Krishnan Kumar Chugh
India, MTech SE, Class of 2006
Vice President, Technology Project Management Office (IT), OCBC Bank, Singapore

The Master of Technology in Software Engineering programme has been an excellent learning experience. My project management skills, as well as technical skills such as Software Development Life Cycle were refreshed. I enjoyed most of the lectures and the self-paced e-learning modules were very helpful as well. This is a good investment for two and a half years to develop your potential in the areas of software engineering.

Alvin Khoo
MTech KE, Class of 1997
Regional IT Director, Royal DSM

One of the most useful things we learnt at ISS was to be analytical and to be able to adapt, especially in an industry that is changing so quickly. What ISS gave us was an invaluable reference point.

Aswin Sreenivas
India, MTech EBAC, Class of 2015
Finance Strategy Analyst, Accenture

The innovative and well-structured MTech EBAC programme had the right combination and focus on technical and business skills. I gained a good balance of technical skills and domain knowledge from the wide range of modules offered, such as quantitative methodologies, technologically-based tools and techniques, as well as management skills.

BA Thein Naing
Myanmar, MTech SE, Class of 2006
Vice President (Business Excellence), Starhub

ISS taught me how to look at the practical aspect of things and never be confined to the boundaries of what I know or have been taught. It provided me with the confidence and belief that I will be able to find a solution for the issues that I encounter during my work. Nowadays, I always look at challenges as opportunities.

Jinson Xu
MTech KE, Class of 2015
Data Scientist, Accenture

The MTech KE course helped to broaden and deepen my analytics knowledge especially in the areas of simulation, optimisation, and analytics for logistics, web and in computer vision. Getting my MTech KE degree from NUS-ISS gave me a foot in the door for many data science related job interviews.

Liu Liu
China, MTech EBAC, Class of 2015
Data Analyst, IBM Singapore

The MTech EBAC programme not only allowed me to gain industry exposure through projects, internship and competitions, it also helped improve my soft skills such as negotiation and presentation. I gained invaluable experience during my internship that is relevant to my current role at IBM.

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