

MSc in Industry 4.0

The NUS Master of Science in Industry 4.0 is an interdisciplinary graduate degree programme specially developed to support Singapore's Smart Nation drive.

The programme prepares you to harness the synergistic benefits of technologies that are disrupting industries today. The knowledge and skills acquired equip you to keep pace with the changing nature of industry, and lead transformation to enhance productivity in the workplace.

INFORMATION SESSION

4 April 2019 (Thu) • 7-9pm

NUS University Town
Education Resource Centre (Level 2)
Ngee Ann Kongsi Auditorium
8 College Ave West, Singapore 138608

REGISTER HERE!

First Intake: August 2019

For more information please contact us at scale.execed@nus.edu.sg

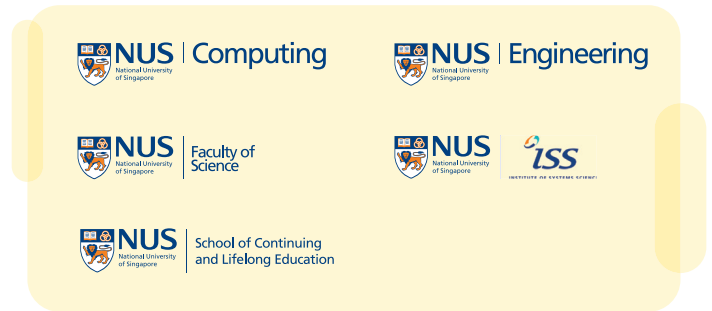


Current and relevant curriculum

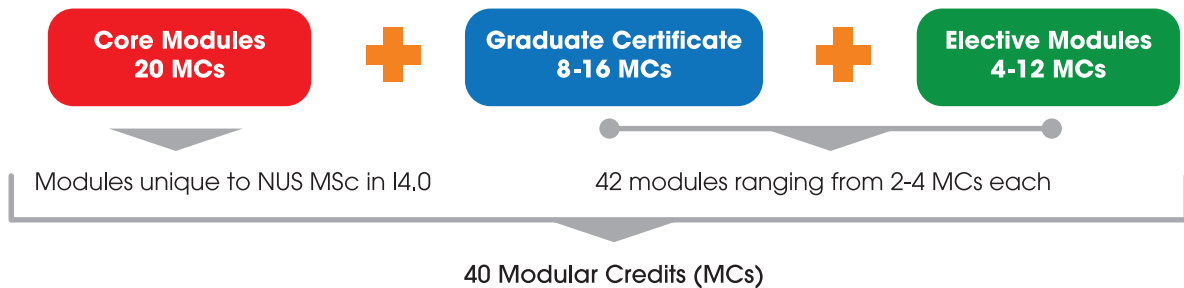
The programme is aligned to the Smart Industry Readiness Index by the Singapore Economic Development Board (EDB).

An interdisciplinary graduate programme that offers cutting-edge content

Offered by five NUS academic units with advanced expertise in the respective areas of Industry 4.0.



Flexible programme structure



4 Core Modules (16 MCs)

1. Introduction to Industry 4.0 and Applications
2. Data Analytics for Sense-making
3. Digital Physical Integration in Industry 4.0
4. Digital Infrastructure and Transformation Systems

11 Graduate Certificate Courses

(Select one GC + a few other elective modules to make up 20 MCs)

1. Additive Manufacturing
2. Data Mining and Interpretation
3. Deep Learning for Industry
4. Digital Business
5. Digital Supply Chain
6. Intelligent Sensing Systems
7. Internet of Things
8. Pattern Recognition Systems
9. Principles and Practice of Secure Systems
10. Quality Assurance and Yield Optimization
11. Robotics and Automation

Final Core Module (4 MCs)

Industry Consulting and Application Project



Opportunity to apply what you learn

The programme culminates in an industry application project supervised by the relevant NUS academic unit.

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