

Master of Computing (General Track)

School of Computing

The universal need for Information Technology (IT) and the crucial role it plays in today's workforce is undisputed. Widespread digitisation has fundamentally changed how businesses function, driving a massive demand for tech talent in all industries.

To evolve with the times and meet the demands of the tech revolution, NUS Computing is offering a new Master of Computing (General Track) programme designed primarily for non-computing graduates who are keen to break into the field of computing.

Take advanced computing courses and embark on experiential and self-directed learning opportunities through an industry-linked capstone project. Taught by faculty members who are internationally recognised researchers, at one of the best computing schools in the world, the Master of Computing (General Track) programme offers a comprehensive and rigorous curriculum that will equip you with strong computing fundamentals and skills in advanced computing technologies.

Admission Requirements

A good honours degree in any discipline, and/or completion of the Graduate Certificate in Computing Foundations with a Grade Point Average (GPA) of 3.0 or above is required for entry into the programme.

Students with IT-related work experience are highly encouraged to join the programme.

Programme Structure

Students are required to pass the programme requirement of 40 Units, together with an additional 12 Units of bridging courses.

| | | |
|----------------------------|----------|-----------------------------|
| 6 Essential Courses | 12 Units | Bridging Courses |
| | 12 Units | MComp Curriculum (40 Units) |
| 4 Elective Courses | 16 Units | |
| Capstone Project | 12 Units | |

The Master of Computing (General Track) is available either as a full or part-time programme, with some classes scheduled on weekday evenings and Saturdays.

Essential Courses

Students will take six essential courses covering software development, computing systems, data structures and algorithms, enterprise systems, fundamentals of artificial intelligence, and data analytics. These courses are aimed at instilling core competencies in computing.

Elective Courses

Students will also choose four elective courses from a range of courses such as computing systems, cybersecurity, data analytics, enterprise IT, financial technology, robotics and software methodology.

Industry-Linked Capstone Project

Students will embark on a two-semester capstone project and pick up practical software engineering and system design skills crucial to roles in the Infocomm sector.

The capstone project also requires students to participate in an internship, giving them the opportunity to gain relevant work experience, enhance their practical skills, and give them greater independence and control over their learning.

Application Information

Apply via the online application system at:

<https://inetapps.nus.edu.sg/GDA2/Home.aspx>

Please include the following documents in your application:

- Online Application Form
- Personal Statement
- A copy of citizenship certificate, identity card, passport, Employment Pass (EP) or documentary proof of permanent residence status
- Certified true copy of degree certificates (with English Translation, if applicable)
- Certified true copy of transcripts - Bachelor's/Master's (with English Translation, if applicable)
- TOEFL, IELTS scores reports, if applicable
- GRE, GMAT, GATE scores reports, if applicable
- Letters of recommendation
- Other supporting documents (e.g., certificates of merit, awards, prizes, etc.)

Application Deadlines

The submission deadlines are as follows:

| Applications | August intake (Semester 1) | January intake (Semester 2) |
|----------------|---------------------------------|-----------------------------|
| Open | 1 December of the previous year | 1 July of the previous year |
| Close | End February | End August |
| Outcome | End May/June | End November |

Contact Us

For more information, please visit our website or email us:



Website: comp.nus.edu.sg/programmes/pg/mcomp-gen/

Email: mcomp-gen@comp.nus.edu.sg