Master of Science Programmes

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Academic Programme Office
School of Electrical & Electronic Engineering

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M.Sc. PROGRAMMES @ EEE

Master of Science in:
• Communications Engineering
• Computer Control & Automation
• Electronics
• Power Engineering
• Signal Processing

Joint NTU-TUM Master of Science in:
• IC Design
• Green Electronics
(Not applicable for NTU-Wuhan collaboration programme)

• Embark on an independent research project. Prepare students for continuation into Ph.D. programme.

• Both full-time and part-time options to suit your work schedule. Complete full-time M.Sc. degree in one year.
M.Sc. (Communications Engineering)

- Designed for practising engineers and information technologists who wish to improve their knowledge and skills in the broad area of communications engineering.

- The courses offered cover various important topics in telecommunications, RF engineering and wireless communications.
M.Sc. (Computer Control and Automation)

• Provide practicing engineers advanced and yet practical tools in the development, integration, and operation of computer-based control and automation systems.

• Specialize in the inter-disciplinary area of computer-based control and automation systems.
M.Sc. (Electronics)

• Designed for engineers in the electronics industry who would like to have graduate training in various topics, amongst others, in integrated circuit design, microelectronics fabrication and manufacture of electronic and photonic products.
M.Sc. (Power Engineering)

• Designed for Electrical Engineering graduates who are practicing engineers, R&D managers, power system designers or industry planners who seek an in-depth understanding of power electronics and drives technology, issues of power quality, power system modeling, planning, operation and control.

• The programme aims to equip students to adapt to the challenging demands of modern power industries.
M.Sc. (Signal Processing)

- This programme is designed for practicing engineers, hardware and software designers, R & D managers, and industry planners who seek an understanding of current approaches and evolving directions for DSP technologies.

- It is also intended for engineers who anticipate future involvement in this area.
Admission Requirements:

- Completion of Bachelor Degree from Wuhan University with satisfactory average score.
- Satisfactory GPA score for Final Year Project (FYP), English Proficiency and Technical Communication courses conducted in NTU.

http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MOE_sub_MSc/Pages/MOEsubsidizedMSc.aspx
M.Sc. PROGRAMMES @ EEE

Candidature:

Offer full-time programmes. The minimum and maximum periods of candidature are as follows:

<table>
<thead>
<tr>
<th>Full-time</th>
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<tbody>
<tr>
<td>Min</td>
<td>Max</td>
<td></td>
</tr>
<tr>
<td>1 year</td>
<td>3 years</td>
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http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MOE_sub_MSc/Pages/MOEsubsidizedMSc.aspx
**Study Option:**

<table>
<thead>
<tr>
<th>Coursework &amp; Dissertation (8 courses + Dissertation project, 30 AUs in total)</th>
<th>Coursework Only (10 courses, 30 AUs in total)</th>
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<tbody>
<tr>
<td>• ≥ 5 Specialized Electives (15 AUs)</td>
<td>• ≥ 5 Specialized Electives (15 AUs)</td>
</tr>
<tr>
<td>• ≥ 1 Prescribed Elective (3 AUs)</td>
<td>• ≥ 2 Prescribed Electives (6 AUs)</td>
</tr>
<tr>
<td>• ≤ 2 General Electives (6 AUs)</td>
<td>• ≤ 3 General Electives (9 AUs)</td>
</tr>
<tr>
<td>• Dissertation Project (6 AUs)</td>
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[http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MOE_sub_MSc/Pages/MOEsubsidizedMSc.aspx](http://www.eee.ntu.edu.sg/Programmes/ProspectiveStudents/Graduate/MOE_sub_MSc/Pages/MOEsubsidizedMSc.aspx)
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Tuition Fee (per academic Year):

Student is required to pay the tuition fee on semester basis.

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Tuition Fee (Before Tuition Grant)</th>
<th>Tuition Fee (After Tuition Grant)</th>
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<tbody>
<tr>
<td>2019-2020</td>
<td>$34,397.00</td>
<td>$25,517.60</td>
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Note:

20% tuition grant will only applicable to each qualified WHU student admitted to any of the M.Sc. programme that offered by EEE. Consistent performance is expected in order to maintain the tuition grant.

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M.Sc. PROGRAMMES @ EEE

Application Procedure:

- Students are required to apply the Master of Science programme via the online application system. The URL of the portal will send to students in March 2019.
- Each student is only allowed to apply for one MSc programme
- The completed application form with supporting documents (such as full-transcript of Bachelor Degree, Degree Certificate) must send to EEE Academic Programme Office (APO) in either hardcopy or softcopy format by the stipulated deadline.
- School will send the offer letter and SOLAR Notice to successful applicants.

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Application Fee:
Applicants are required to pay a non-refundable application fee of S$21.40 (per programme) when submitting the admission application via the online application system.

Compulsory Miscellaneous Fees for AY2018-2019 (per annum):

<table>
<thead>
<tr>
<th>Service Fees</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Student Service Fees (HSF)</td>
<td>S$376.70</td>
</tr>
<tr>
<td>Health Service Fees (SSF)</td>
<td>S$145.80</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>S$522.50</strong></td>
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M.Sc. PROGRAMMES @ EEE

Other Fees:

Insurance (fees listed is subject to revision and inclusive of GST)

- **Insurance Group Hospitalisation & Surgical Insurance (GHSI)**
  Accidental death, and hospitalisation and surgery as a result of illness and accidental bodily injury
  The GHSI scheme is mandatory for all international students and Singapore Permanent Residents to subscribe to the GHSI Scheme. This is to ensure that students are covered in the event of emergency or illness. Singaporean full-time graduate students who wish to opt out of the scheme can do so by emailing to One Stop @ SAC at ossac@ntu.edu.sg before the start of each academic year.

- **Group Personal Accident Insurance (GPAI) Scheme**
  Death, permanent disability ad medical costs arising from an accident
  All full-time graduate students are automatically cover under this scheme unless they opt out.

- **Medical Scheme**
  Subsidised consultation fees at the NTU Medical Centre at $3 per visit (inclusive of GST) up to 10 visits per academic year. The $3 fee is waived from the 11th visit onwards in the same academic year (non-standard drugs and treatments will be charged at cost.
  Compulsory for all full-time graduate students

http://www.ntu.edu.sg/SAO/OneStop/OurServices/Insurance/Pages/home.aspx