4.2.2.11 Master of Science in Environmental Management

Programme Objectives

The MSc (Environmental Management) programme is a multi-faculty programme of the University, hosted by the School of Design and Environment. The programme is taught by faculty members from the school, and six other faculties in the University. Faculty members from the following Faculties or schools in the University teach on it:

- School of Design and Environment
- Faculty of Arts and Social Sciences
- NUS Business School
- Faculty of Engineering
- Faculty of Law
- Yong Loo Lin School of Medicine (Dept of Community, Occupational and Family Medicine)
- Faculty of Science

The MEM programme has an MOU with the School of Forestry and Environmental Studies, Yale University, and one faculty member of the School teaches on the programme.

The objectives of the MEM programme are:

- to provide an internationally recognised graduate degree in environmental management for mid- and senior-level managers in the public and private sectors in Singapore and the Asia-Pacific;
- to equip graduates with the necessary knowledge to properly manage the environment and to deal with the challenges of an environmentally conscious society and international market; and
- to enable graduates to assume responsible and influential roles in the public and private sectors and to make sound decisions that support sustainable development.

Entry Requirements

- A good undergraduate degree with honours from a well-recognized university
- Relevant working experience in environmental management, or environment-related fields in either the public or private sectors.
- For applicants from universities whose academic standards are not widely known, additional requirements may be stipulated.
- These may include the Graduate Management Admission Test (GMAT) and/or the Graduate Record Examination (GRE).
- For candidates whose medium of undergraduate instruction is not in English, a good Test of English as a Foreign Language (TOEFL) score is also required.
- Applicants with undergraduate degrees (and graduate degrees, if any) from Myanmar are required to submit documentary evidence of their TOEFL or IELTS scores.

Graduation Requirements

The MSc (Environmental Management) (MEM) Programme can be undertaken either full-time (one academic year) or part-time (two academic years). Candidates would be required to complete a 40 MCs programme, of which the main components are the following seven Core Modules.
To fulfil the requirements of the graduate coursework degrees programmes offered by the School of Design and Environment, a candidate must attain a minimum CAP of 3.00.

The candidature of a student will be terminated if he/she obtains the following:
1. a CAP of less than 2.50 for two consecutive semesters.
2. a CAP of less than 3.00 for three consecutive semesters.

In addition, each candidate must complete either one Elective module and a study report of 10,000 words, or a dissertation of 20,000 words. The candidate may choose the Elective from a wide range of modules related to the environment, offered by any of the faculties in NUS. Candidates are also required to attend a non-examinable seminar module, which covers, from an interdisciplinary perspective, global environmental issues and particular environmental challenges facing the Asian region. Speakers at these seminars are leaders in the specialised fields from the public and private sectors, as well as non-governmental organisations, both local and international.

Period of Candidature

Full-time candidates must complete the requirements of the programme within a maximum candidature period of four semesters (two years), and part-time candidates, a maximum period of six semesters (three years).

Syllabus

<table>
<thead>
<tr>
<th>Essential Modules</th>
<th>Offered in</th>
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<tbody>
<tr>
<td>BX5101 Business and the Environment</td>
<td>Semester 2</td>
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<tr>
<td>BL5102 Environmental Science</td>
<td>Semester 1</td>
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<tr>
<td>LX5103 Environmental Law</td>
<td>Semester 1</td>
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<tr>
<td>ESE5901 Environmental Technology</td>
<td>Semester 2</td>
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<tr>
<td>PP5269 Environmental Economics and Public Policy</td>
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<tr>
<td>DE5106 Environmental Management and Assessment</td>
<td>Semester 1</td>
</tr>
<tr>
<td>DE5107 Environmental Planning</td>
<td>Semester 2</td>
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</tbody>
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Conduct of Classes

Most of the classes are held in the School of Design and Environment. Most classes are held in the evenings, from 6.30 pm to 9.30 pm, with the exception of Elective Modules which may be held in the other Faculties or schools during other periods of the day.
Part-time candidates generally would be expected to attend two three-hour evening classes per week in each semester. Full-time candidates would attend, on average, four three-hour evening classes per week.

The modules are delivered in the form of interactive lectures, seminars, workshops and case studies. Field trips are arranged regularly, usually on Saturdays.

Under the compulsory Seminar Programme, seminars are held at regular intervals, usually on Friday evenings. Some intensive short courses, such as the one on Environmental Ethics, are occasionally held on Saturday mornings.