

Framework for Broadening The Undergraduate Curriculum

As part of the New Undergraduate Experience, the undergraduate curriculum is to be further broadened to include cross-disciplinary subjects in humanities & social sciences, management and business, life sciences and IT. These subjects provide the required grounding in the broad areas of humanities, business and technological knowledge to better prepare our graduates for the new economy in the 21st century.

In the New Flexible Curriculum to be implemented from Academic Year 2004-2005, a total of 36 AU has been allocated for broadening modules. To achieve sufficient breadth within this broad group of subjects, the following framework will be adopted.

These broadening modules will be referred to as the General Education Requirement (GER). Within the GER, students are required to offer five compulsory core subjects (12 AU) and 15 AU of Prescribed Electives to be selected from three categories namely Humanities & Social Sciences (HSS), Management & Business (MB) and Science, Technology & Society (STS). They will also offer 9 AU of Unrestricted Electives.

The compulsory core subjects comprise Communication Skills modules (*Effective Communication, Technical Communication, Professional Communication*), *Human Resource Management* and *Engineers & Society*. Students will be required to offer 9 AU under the HSS category and 3 AU each under the MB and STS categories. The 9 AU of Unrestricted Electives may be used to offer subjects under the minor programmes that the student is eligible for or any other subjects including technical electives within their major disciplines.

The scheme is summarized below:

General Education Requirement (36 AU)

Core (12 AU)

<i>Effective Communication</i>	(2 AU)
<i>Technical Communication</i>	(2 AU)
<i>Professional Communication</i>	(2 AU)
<i>Human Resource Management</i>	(3 AU)
<i>Engineers & Society</i>	(3 AU)

Prescribed Electives (15 AU)

To be selected from 3 categories of subjects as follows:

- a) Humanities & Social Sciences (9AU)
- b) Management & Business (3AU)
- c) Science, Technology & Society (3AU)

Unrestricted Electives (9 AU)