Catalog of Postgraduate Programs and Curricula

Curriculum for MSc(ELEG)
(For students admitted in 2010-11)

Program Requirements for Master of Science (MSc) Program in Electronic Engineering

Credits

To complete **a minimum of 24 credits** of coursework, including:

- 15 credits of EESM courses listed below; and

- 9 credits of elective courses.

Courses

EESM 5000	*CMOS VLSI Design*
EESM 5060	*Embedded Systems*
EESM 5600	*Photonics Technology and Applications*
EESM 5620	*Flat Panel Displays*
EESM 5650	*Digital Communication Networks and Systems*
EESM 5670	*Advanced Computer and Networking Architectures*
EESM 5700	*Image and Video Signal Processing*
EESM 5720	*Signal Analysis and Pattern Recognition*
EESM 5750	*Feedback Control*
EESM 5900*	*Special Topics*
EESM 6900	*Independent Study*

* Students may take EESM 5900 for a maximum of 3 credits.

Students may take the remaining 9 credits of coursework from the above course list. Alternatively, subject to the prior approval of the Program Director, students may take a maximum of 9 credits of coursework offered by other self-financing MSc programs, including:

- A maximum of 9 credits of EESM courses offered by the MSc program in IC Design Engineering, and the MSc program in Telecommunications, or

- A maximum of 3 credits of non-EESM courses.

Study Load

Part-time students may take a maximum of 9 credits in each semester.

Credit Transfer

A maximum of 3 credits of UG courses at 300-level or above which had not been used to earn another academic qualification can be transferred to the program. All credit transfer must be approved by the Program Director and is subject to University regulations governing credit transfer.