Catalog of Postgraduate Programs and Curricula

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

Program Requirements for Master of Science (MSc) Program in IC Design Engineering

Credits

To complete a total of **24 credits**, including:

- 21 credits of EESM courses listed below; and

- 3 credits of MSc Project.

Courses

EESM 5000	*CMOS VLSI Design*
EESM 5020	*Digital VLSI System Design and Design Automation*
EESM 5030	*VLSI Signal Processing Architecture*
EESM 5060	*Embedded Systems*
EESM 5100	*Analog IC Analysis and Design*
EESM 5120	*Advanced Analog IC Analysis and Design*
EESM 5200	*Semiconductor Devices for Integrated Circuit Designs*
EESM 5900*	*Special Topics*
EESM 5920	*Topics in Analog IC Systems and Design*
EESM 6980	*MSc Project*

* Students may take EESM 5900 for a maximum of 6 credits.

Alternatively, subject to prior approval of the Program Director, students may take a maximum of 9 credits from outside this list offered by other programs. These 9 credits may include:

- EESM courses not in the above list, and

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

The availability of courses offered by other programs may be subject to quota limitations imposed by individual programs.

Study Load

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

Credit Transfer

Subject to the approval of the Program Director and regulations of the University, a maximum of 3 credits can be transferred to the program..