

Credits assigned for the courses offered so far

Core for Communication	Core for Multimedia
Core for ICS	Core for Microelectronics

Note : All courses, other than the core course for the specific stream, will be considered as electives

Microelectronics :

- Electives offered to the ICS stream should be fine.
- At most 18 credits from other stream courses can be taken.

EE5003W	Electrical Networks & Systems	10
EE5110W	Probability Foundations for Electrical Engineers	12
EE5111	Estimation Theory	12
EE5112W	Detection Theory	12
EE5120W	Applied Linear Algebra I for EE	12
EE5130W	Digital Signal Processing	12
EE5140W	Digital Modulation & Coding	12
EE5141W	Introduction to Wireless and Cellular Communication	12
EE5150W	Communication Networks	12
EE5175W	Image Processing	12
EE5310W	Analog Electronic Circuits	12
EE5311W	Digital IC Design	12
EE5313W	Semiconductor Device Modelling	12
EE5320W	Analog IC Design	12
EE5325W	Power Management Integrated Circuits	12
EE5505W	Wave Propagation in Communication	9
EE6130W	Advanced Topics in Signal Processing - Radar	9
EE 5180w	Introduction to Machine Learning	12
EE6180w	Adv. Topics in A.I: Deep Learning for Imaging	9
EE6320W	RF Integrated Circuits	9
CS6760	Digital Design Verification	12
CS6230	CAD for VLSI	12
EE6322W	VLSI Broadband Communication Circuits	12
EE5312W	VLSI Technology	12
EE6321W	VLSI Data Conversion Circuits	12
EEXXX	WLANs: Theory and Practice	9
EE6132W	Advanced Topics in Signal Processing(Modern Computer	9
EE6903W	Project (Phase I(55c) & II(30c))	85
EE5142W	Introduction to Information Theory & coding	12

Credit required for Streams

Stream	Core	Elective
<i>Communication</i>	48	57
<i>VLSI</i>	24	81
<i>Multimedia</i>	48	57
<i>Microelectron</i>	48	57