

Program Study Plan

Course Code	Course Name	Credit Hours
-------------	-------------	--------------

First Year		Level 1	Credit Hours
711CCE	Advanced Computer Architecture		3
721CCE	Hardware Design Tools		3
722CCE	VLSI Design		3
751CCE	Wireless Communication Technologies		3
			12

Course Code	Course Name	Credit Hours
-------------	-------------	--------------

First Year		Level 2	Credit Hours
791CCE	Research Methodology		2
723CCE	H/W and S/W Co-design		3
741CCE	Advanced Cryptography		3
731CCE	Embedded System Design		3
			11

Second Year		Level 3	Credit Hours
742CCE	Advanced Hardware Security		3
797CCE	Directed Studies		3
7**CCE	Elective		3
			9

Second Year		Level 4	Credit Hours
799CCE	Thesis		6
			6

Total Credits = (12+11)+9+6=38

Electives			
1	761CCE: Design and Analysis of Algorithms	6	745CCE: Security Architecture
2	771CCE: Advanced Intelligent Systems	7	746CCE: Securing Internet of Things
3	772CCE: Computer Vision	8	732CCE: Systems On-Chip
4	743CCE: Hardware Hacking and Control	9	733CCE: Real-time Embedded Systems
5	744CCE: Hardware Testing	10	734CCE: Networked Embedded Systems