UNIVERSITY OF SCIENCE
FACULTY OF INFORMATION TECHNOLOGY

LIST OF COURSES OF APCS, ACADEMIC YEAR: 2016-2017

13CTT	14CTT	15CTT	16CTT
Term 1 10-OCT (12 weeks)			
CS487 S/E Capstone I	CS300 - Software Engineering	CS202 - Programming Systems	CS161 - Intro CS 1
CS412 - Computer Vision	CS311 - Comp Structures	CS250 - Discrete Structure	MTH251 - Calculus 1
CS494 - Internetworking Protocols	CS321 - Language Compiler 1	SC203 - Scientific Methods	CM101 - Com Management
	MTH346 - Number Theory	PH212 - Gen Physics 2	PH211 - Gen Physics 1
	STAT452		
Term 2 9-JAN (15 weeks)			
CS488 S/E Capstone 2	CS322 - Language Compiler 2	WR227 - Tech Writing	CS162 - Intro CS 2
CS407 - Techno Inno & Leadership	CS333 - Intro OS	STAT451 - Stat 1	MTH252 - Calculus 2
CS409 - IT Entrepreneurship	CS350 - Algo & Complexity	CS251 - Logical Structures	CTH001 - Marxism
CS408 - Comp Finance	CS418 - Introduction to NLP	CTH003 - Ho Chi Minh's Ideology	PH212 - Gen Physics 2
CS431 - Wireless Network	CS411 - Computer Graphics	PH212 - Gen Physics 2	TC001 - Education Physic
CS423 - Software Testing	CS419 - Information Retrieval		
MTH344 - Group Theory	CS420 - Artificial Intelligence		
	CS422 - Software Analysis and Design		
	CS428 - E-commerce		
Term 3 8-MAY (14 weeks)			
GRADUATION THESIS	INTERNSHIP	CS305 - Ethics & Society	CS163 - Data Structures
	CS414 - Machine Learning	CS386 - Intro DBMS	MTH253 - Calculus 3
	CS415 - Optimization Methods	CS426 - Mobile Device App Dev	CTH001 - Marxism
	CS416 - Data Modelling	MTH261 - Linear Algebra	PH213 Gen Physics 3
	CS417 - Game Theory	CTH002 - Communism	TC002 - Education Physic
	CS405 - Open Enterpreneurship		
	CS427 - Game Dev & 3D Visualization		
	CS429 - Introduction to Big Data Analytics		
	CS430 - Human Computer Interaction		
COLOR CODE			
Compusory - Computer Science	Compusory - Non Computer Science	Compusory - Math	Compusory - Physics
Elective - Computer Science	Elective - Non Computer Science	Elective - Math	Elective - Others