Academics

CS Study Plan

YEAR 1

SEMESTER 1

COURSE #	TITLE	CRS
CS 101	COMPUTER PROGRAMMING I	4
SCI 101	INTRO TO PHYSICAL SCIENCES	3
MATH 111	CALCULUS I	3
ENG 101	INTENSIVE ENGLISH WRITING	3
ISC 101	ISLAMIC ETHICS	2
ARAB 101	ARABIC WRITING I	2
PE XXX	PHYSICAL EDUCATION	1
TOTAL		**18**

SEMESTER 2

COURSE #	TITLE	CRS
CS 102	COMPUTER PROGRAMMING II	3
CS 175	COMPUTER ORG & DIGITAL LOGIC	3
MATH 113	CALCULUS II	3
STAT 101	INTRO TO STAT & PROBABILITY	3
ENG 103	RESEARCH WRITING TECHNIQUES	3
ISC 103	ISLAMIC ECONOMIC SYSTEM	2
TOTAL		**17**

YEAR 2

SEMESTER 1

COURSE #	TITLE	CRS
CS 210	DATA STRUCT AND ALGORITHMS	3
CS 285	DISCRETE MATH FOR COMPUTING	3
CS 223 / MATH 221	COMP. LINEAR ALGEBRA OR NUMER. ANALYSIS	3
PHY 105	PHYSICS I	4
COM 201	COMMUNICATIONS SKILLS	3
ISC 105	HOLY QURAN SCIENCES	2
	TOTAL	**18**

SEMESTER 2

COURSE #	TITLE	CRS
SE 201	INTRO TO SOFTWARE ENGG	3
CS 320	PROGRAMMING LANGUAGES	3
CS 330	INTRO. TO OPERATING SYSTEMS	3
PHY 205	PHYSICS II	4
PSY 101	INTRODUCTION TO PSYCHOLOGY	3
ARAB 103	ARABIC WRITING II	2
	TOTAL	**18**

YEAR 3

SEMESTER 1

COURSE #	TITLE	CRS
CS 311	DESIGN & ANALYSIS OF ALGORITHMS	3
CS 331	DATA COMM & COMP NETWORKS	3
CS 340	INTRO TO DATABASE SYSTEMS	3
CYS 401	FUNDAMENTALS OF CYBERSECURITY	3
ETHC 303	ETHICAL AND SOCIAL ASPECTS OF COMPUTING	3
FREE XX1	FREE ELECTIVE I	3
	TOTAL	**18**

SEMESTER 2

COURSE #	TITLE	CRS
CS 435	DISTRIBUTED SYSTEMS	3
CS XX1	CS ELECTIVE I	3
CS XX2	CS ELECTIVE II	3
CS 498	SENIOR PROJECT I	1
SE 371	WEB ENGINEERING	3
ISC 203	NEW FINANCIAL TRANSACTIONS	2
BUS XX1	BUSINESS ELECTIVE I	3
TOTAL		**18**

YEAR 4

SEMESTER 1

COURSE #	TITLE	CRS
CS XX3	CS ELECTIVE III	3
CS XX4	CS ELECTIVE IV	3
CS XX5	CS ELECTIVE V	3
CS 499	SENIOR PROJECT II	3
XXX XXX	FREE ELECTIVE II	3
ARAB 203	ARABIC WRITING III	2
TOTAL		**17**

SEMESTER 2

COURSE #	TITLE	CRS
CS 492	CO-OP IN COMPUTER SCIENCE (CONTINUATION FOR NEXT SUMMER)	10
TOTAL		**10**