

COURSE	TITLE	LT	LB	CR	COURSE	TITLE	LT	LB	CR		
First Year (Preparatory)											
ENGL	001	Preparatory English I	15	5	8	ENGL	002	Preparatory English II	15	5	8
MATH	001	Preparatory Math I	3	2	4	MATH	002	Preparatory Math II	3	2	4
PREP	001	University Study Skills	2	0	2	PREP	004	Introd. to Engineering	0	2	1
PREP	002	Prep. Natural Sciences	0	2	1	PREP	003	Introd. to PC App.	0	2	1
PE	001	Prep Physical Educ I	0	2	1	PE	002	Prep Physical Educ II	0	2	1
			20	11	16				18	13	17
Total credit required in preparatory program: 31											
Second Year (Freshman)											
CHEM	101	General Chemistry I	3	4	4	ICS	102	Intro. To Computing	2	3	3
ENGL	101	English Composition I	3	0	3	ENGL	102	English Composition II	3	0	3
IAS	101	Practical Writing	2	0	2	IAS	111	Belief & its Conseq.	2	0	2
MATH	101	Calculus I	3	1	4	MATH	102	Calculus II	3	1	4
PE	101	Physical Education I	0	2	1	PE	102	Physical Education II	0	2	1
PHYS	101	General Physics	3	3	4	PHYS	102	General Physics II	3	3	4
			14	10	18				13	9	17
Third Year (Sophomore)											
ICS	201	Intro. To Comp. Science	3	3	4	ICS	202	Data Structure	3	3	4
ICS	251	Found of Comp Science	3	0	3	ICS	252	Discrete Structures	3	0	3
COE	200	Fund. Of Comp. Eng.	3	3	4	ICS	232	Comp. Org. & Assem.	3	3	4
ENGL	214	Technical Rep. Writing	3	0	3	MATH	260	Lin. Alg. & Diff. Equat	3	1	4
MATH	201	Calculus III	3	1	4	XE	xxx	(Free Elective I)	3	0	3
			16	6	18				15	7	18
Fourth Year (Junior)											
IAS	211	Ethics in Islam	2	0	2	IAS	201	Objective Writing	2	0	2
ICS	313	Programming. Lang.	3	0	3	IAS	311	Islamic Shareah	2	0	2
ICS	353	Design & Anal. of Algor.	3	0	3	ICS	413	Software Eng.	3	3	4
COE	308	Computer Arch.	3	0	3	ICS	432	Computer Network Sys.	3	3	4
ICS	334	Database Systems	3	3	4	ICS	4xx	(ICS Elective I)	3	0	3
STAT	319	Prob.& Statistics for Engrs	2	3	3	XE	xxx	(Free Elective II)	3	0	3
			16	6	18				16	6	18
Summer Session						ICS	350	Cooperative work	0	0	0
Fifth Year (Senior)											
ICS	351	Cooperative work (Cont.)	0	0	6	IAS	301	Style of Literature	2	0	2
						ICS	431	Operating Systems	3	3	4
						ICS	4xx	(ICS Elective II)	3	0	3
						ICS	4xx	(ICS Elective III)	3	0	3
						ICS	411	Senior Project	3	0	3
						XE	xxx	(Free Elective III)	3	0	3
			0	0	6				17	3	18
Total credits required in Degree Program: 131											