

University of Asia Pacific
Department of Computer Science and Engineering
New Curriculumw.e.f. Fall-2016

Trimester I			Trimester II			Trimester III		
Course Code	Course Name	Credit Hour	Course Code	Course Name	Credit Hour	Course Code	Course Name	Credit Hour
HSS 101	English I: Written and Spoken English	3.00	PHY 101	Physics	3.00	MTH 103	Math II: Linear Algebra	3.00
HSS 111(A)	Bangladesh Studies: Society and Culture	2.00	MTH 101	Math I: Basic Calculus, Co-ordinate Geometry	3.00	EEE 121	Electrical & Electronic Engineering I	3.00
						EEE 122	Electrical & Electronic Engineering I Lab	1.50
HSS 111(B)	Bangladesh Studies: Bangladesh History	2.00	CSE 103	Structured Programming	3.00	CHEM 111	Chemistry	3.00
CSE 101	Introduction to Computer Science & Programming Methodology	3.00	CSE 104	Structured Programming Lab	1.50	CSE 105	Discrete Mathematics	3.00
CSE 102	Introduction to Computer Science & Programming Methodology Lab	1.50	PHY 102	Physics Lab	1.50	CHEM 112	Chemistry Lab	1.50
Total: 11.5			Total: 12			Total: 15		

Trimester IV			Trimester V			Trimester VI		
MTH 201	Math III: Multivariable Calculus	3.00	MTH 203	Probability & Statistics	3.00	MTH 205	Math IV: Differential Equations and Fourier and Laplace Transformations.	3.00
EEE 221	Electrical & Electronic Engineering II	4.00	CSE 203	Object Oriented Programming I: Java	3.00	CSE 207	Algorithms	3.00
CSE 205	Data Structures	3.00	CSE 204	Object Oriented Programming I Lab: Java Lab	1.50	CSE 211	Database Systems	3.00
EEE 222	Electrical & Electronic Engineering II Lab	1.50	CSE 209	Digital Logic & System Design	4.00	CSE 212	Database Systems Lab	1.50
CSE 206	Data Structures Lab	1.50	ECN 201	Economics	2.00	CSE 208	Algorithms Lab	1.50
			CSE 210	Digital Logic & System Design Lab	1.50			
Total: 13			Total: 15			Total: 12		

Trimester VII			Trimester VIII			Trimester IX		
CSE 305	System Analysis and Design	3.00	CSE 313	Numerical Methods	3.00			
CSE 311	Microprocessors& Assembly Language	3.00	CSE 317	Computer Architecture	3.00	CSE 315	Peripheral & Interfacing	3.00
CSE 309	Object Oriented Programming II:Visual and Web Programming	3.00	CSE 321	Software Engineering	3.00	CSE 307	Theory of Computation	3.00
HSS301	English II : English for Communications	2.00	CSE 303	Data Communications	3.00	CSE 319	Computer Networks	3.00
CSE 306	System Analysis & Design Lab	0.75	CSE 314	Numerical Methods Lab	0.75	CSE 316	Peripheral & Interfacing Lab	1.50
CSE 310	Object Oriented Programming II Lab:Visual and Web Programming Lab	1.50	CSE 322	Software Engineering Lab	0.75	CSE 320	Computer Networks Lab	1.50
CSE 312	Microprocessors& Assembly Lab	1.50	CSE 304	Data Communications Lab	0.75	CSE 330	Industrial Training	1.50
Total:14.75			Total:14.25			Total:13.50		

Trimester X			Trimester XI			Trimester XII		
CSE 401	Mathematics for Computer Science	3.00	CSE 403	Artificial Intelligence and Expert Systems	3.00	BUS 401	Business and Entrepreneurship	3.00
CSE 407	ICTLaw, Policy and Ethics	2.00	CSE 425	Computer Graphics	3.00	CSE 429	Compiler Design	3.00
CSE 405	Operating Systems	3.00	CSE ...	Option I	3.00	CSE ...	Option II	3.00
CSE 400	Project/ Thesis	2.00	CSE 400	Project/ Thesis	2.00	CSE 400	Project/ Thesis	2.00
CSE 406	Operating Systems Lab	1.50	CSE 404	Artificial Intelligence and Expert Systems Lab	1.50	BUS 402	Business and Entrepreneurship Lab	0.75
CSE 410	Software Development	1.50	CSE 426	Computer Graphics Lab	1.50	CSE ...	Option II Lab	0.75
						CSE 430	Compiler Design Lab	1.50
Total:13			Total:13			Total:14		

Signature of Head of Department