

**COURSE PLANNING FOR BACHELOR OF COMPUTER SCIENCE (COMPUTER SYSTEM AND NETWORK)
ACADEMIC SESSION 2016/2017**

Level	Course Code	Semester 1	Credits	Course Code	Semester 2	Credits
1	GIG1001	The Islamic and Asian Civilization <i>(International students are exempted)</i>	2	GIG1003	Basic Entrepreneurship Culture	2
	GIG1002 / GIG1006	Ethnic Relations / Introduction to Malaysia <i>(For international student)</i>	2	GIG1004	Information Literacy	2
	WIX1001	Computing Mathematics I	3	GIG1005	Social Engagement	2
	WIX1002	Fundamentals of Programming	5	WIA1002	Data Structure (#WIX1002)	5
	WIX1003	Computer Systems and Organization	3	WIA1003	Computer System Architecture (#WIX1003)	3
	WIA1001	Information Systems	3	WIA1004	Fundamentals of Artificial Intelligence	3
				WIA1005	Network Technology Foundation	4
		Total	18		Total	21
Course Code	Semester 1	Credits	Course Code	Semester 2	Credits	
2		Co-Curriculum	2	GLTXXXX	English for Communication (2)	3
	GLTXXXX	English for Communication (1)	3	WIA2004	Operating Systems	4
	WIX2001	Thinking and Communication Skills	3	WIA2005	Algorithm Design and Analysis (#WIA1002)	4
	WIX2002	Project Management	3		Specialization Elective (1)	3
	WIA2001	Database	3		Specialization Elective (2)	3
	WIA2002	Software Modeling	3		Specialization Elective (3)	3
	WIA2003	Probability and Statistics	3			
		Total	20		Total	20
Course Code	Semester 1	Credits	Course Code	Semester 2	Credits	
3	WIA3001	Industrial Training *	12	WIA3002	Academic Project I **	3
					Specialization Elective (4)	3
					Specialization Elective (5)	3
					Specialization Elective (6)	3
					Specialization Elective (7)	3
					Faculty Elective (1)	3
		Total	12		Total	18
Course Code	Semester 1	Credits	Course Code	Credit Distribution	Credits	
4	WIA3003	Academic Project II (#WIA3002)	5		Course Component	
		Specialization Elective (8)	3		University Courses	20
		Specialization Elective (9)	3		Faculty Core Courses	17
		Specialization Elective (10)	3		Faculty Elective Courses	6
		Faculty Elective (2)	3		Programme Core Courses	55
		External Faculty Elective	2		Specialization Elective Courses	30
		Total	19		TOTAL CREDITS FOR GRADUATION	128

Pre-requisite.
 * Taken all Faculty and Programme Core Courses except Academic Project I and Academic Project II.
 ** Pass all Faculty and Programme Core Courses except for Industrial Training and Academic Project II.