

# PROGRAM STRUCTURE

**Faculty** FK FAKULTI KOMPUTERAN  
**Course** BCS SARJANA MUDA SAINS KOMPUTER (KEJURUTERAAN PERISIAN) DENGAN KEPUJIAN  
**Batch Code** 01/BCS-22 PROGRAM BCS KEMASUKAN 22 - 23241/JA

Year	Category	Course	Credit Hours
<b>University : 25      Faculty : 75      Program Core: 30      Elective : 0      Credit Hour : 130</b>			
1	FACULTY	BCI2023 DATABASE SYSTEMS	3
		BCH143 PROBLEMSOLVING	3
		BCH1023 PROGRAMMING TECHNIQUES	3
		BUM1153 INTERMEDIATE MATHEMATICS	3
		BUM1233 DISCRETE MATHEMATICS AND APPLICATIONS	3
		BCN1053 DATA COMMUNICATION & NETWORKING	3
		BUM1433 DISCRETE STRUCTURE & APPLICATIONS	3
		BCS1133 SYSTEMS ANALYSIS & DESIGN	3
		BCS1033 SOFTWARE ENGINEERING	3
		BCN1043 COMPUTER ARCHITECTURE & ORGANIZATION	3
	UNIVERSITY	UHC1012 FALSAFAH DAN ISU SEMASA	2
		UHL2400 FUNDAMENTALS OF ENGLISH LANGUAGE	0
		UHL2412 ENGLISH FOR ACADEMIC COMMUNICATION	2
		UQA2002 KOKURIKULUM	2
		UHC1032 KURSUS INTEGRITI DAN ANTI-RASUAH (KIAR)	2
			38
2	FACULTY	BCI1093 DATA STRUCTURE & ALGORITHMS	3
		BCS2143 OBJECT ORIENTED PROGRAMMING	3
		BCN2053 OPERATING SYSTEMS	3
		BCS2313 ARTIFICIAL INTELLIGENCE TECHNIQUES	3
	PROGRAM CORE	BCS2173 HUMAN COMPUTER INTERACTION	3
		BCS2343 SOFTWARE DESIGN WORKSHOP	3
		BCS2243 WEB ENGINEERING	3
		BCS2233 SOFTWARE REQUIREMENT WORKSHOP	3
	UNIVERSITY	UHL2422 ENGLISH FOR TECHNICAL COMMUNICATION	2
		BUM2413 APPLIED STATISTICS	3
		UHC2022 PENGHAYATAN ETIKA DAN PERADABAN	2
		UGE2002 TECHNOPRENEURSHIP	2
			33
3	FACULTY	BCN2023 DATA & NETWORK SECURITY	3
		BCS1*13 ELECTIVE BCS 1	3
		BCC3012 UNDERGRADUATE PROJECT I	2
		BCI2313 ALGORITHM & COMPLEXITY	3
		BCS1*23 ELECTIVE BCS 2	3
	PROGRAM CORE	BCS3153 SOFTWARE EVOLUTION & MAINTENANCE	3
		BCS3143 SOFTWARE PROJECT MANAGEMENT	3
		BCS2213 FORMAL METHOD	3

# PROGRAM STRUCTURE

Year	Category	Course	Credit Hours	
3	PROGRAMCORE	BCS3133	SOFTWARE ENGINEERING PRACTICES	3
		BCS3233	SOFTWARE TESTING	3
	UNIVERSITY	UHE3**2	ELECTIVE COURSES PBMSK	2
		UHF1**1	FOREIGN LANGUAGES LEVEL 1	1
		UHL2432	ENGLISH FOR PROFESSIONAL COMMUNICATION	2
			34	
4	FACULTY	BCC4012	INDUSTRIAL TRAINING	12
		BCC3024	UNDERGRADUATE PROJECT II	4
		BCS1*33	ELECTIVE BCS 3	3
	PROGRAMCORE	BCS3263	SOFTWARE QUALITY ASSURANCE	3
	UNIVERSITY	UHE***2	ELECTIVE COURSES	2
		UHF2**1	FOREIGN LANGUAGES LEVEL 2	1
			25	