

## COURSE MENU

YEAR 1: SEMESTER 1			
Code	Course	Credit	Pre-requisite
SECI1013	Discrete Structure	3	
SECJ1013	Programming Technique I	3	
SECR1013	Digital Logic	3	
SECP1513	Technology & Information System	3	
UHMT1012	Graduate Success Attributes	2	
Malaysian Students			
UHIT2302	The Thought of Sciences and Technology	2	
UHMS1172	Malaysia Dynamic	2	
International Students			
UHLM1012	Malaysia Language for Communication	2	
UHMS1022	Malaysian Studies 3	2	
	<b>TOTAL CREDIT</b>	<b>18</b>	
	<b>CUMULATIVE CREDITS</b>	<b>18</b>	

YEAR 1: SEMESTER 2			
Code	Course	Credit	Pre-requisite
SECI1113	Computational Mathematics	3	
SECI1143	Probability & Statistical Data Analysis	3	
SECJ1023	Programming Technique II	3	SCSJ1013
SECR1033	Computer Organisation and Architecture	3	SCSR1013
UHLB1122	English Communication Skills	2	
Malaysian Students			
UHS1022	Falsafah dan Isu Semasa	2	
International Students			
UHIT2302	The Thought of Sciences and Technology	2	
UHS1022	Falsafah dan Isu Semasa	2	
UHMS1182	Penghayatan Etika dan Peradaban		
	<b>TOTAL CREDIT</b>	<b>16/18</b>	
	<b>CUMULATIVE CREDITS</b>	<b>34/36</b>	

YEAR 2: SEMESTER 1			
Code	Course	Credit	Pre-requisite
SECD2523	Database	3	
SECD2613	System Analysis and Design	3	
SECJ2013	Data Structure and Algorithm	3	SECJ1013 SECJ1023
SECR2213	Network Communications	3	
SECV2113	Human Computer Interaction	3	
UKQF2xx2	Service Learning Co-curriculum Elective	2	
	<b>TOTAL CREDIT</b>	<b>17</b>	
	<b>CUMULATIVE CREDITS</b>	<b>51</b>	

YEAR 2: SEMESTER 2			
Code	Course	Credit	Pre-requisite
SECJ2203	Software Engineering	3	
SECV2223	Web Programming	3	
SECR2043	Operating Systems	3	SECJ1033
SECJ2154	Object Oriented Programming	4	SECJ1023
UHLB2122	Academic Communication Skills	2	
<i>Elective Courses - Choose 1 (3 Credits)</i>			
SECJ2253	Requirements Engineering & Software Modelling	3	SECJ2203
SECJ2363	Software Project Management	3	
	<b>TOTAL CREDIT</b>	<b>18</b>	
	<b>CUMULATIVE CREDITS</b>	<b>69</b>	

YEAR 3: SEMESTER 1			
Code	Course	Credit	Pre-requisite
UHLB3132	Professional Communication Skills	2	
UHLx 1122	Foreign Language Elective	2	
UKQE 3001	Extracurricular Experiential Learning	1	
<i>Elective Courses - Choose 4 (13 Credits)</i>			
SECJ3104	Applications Development	4	
SECJ3553	Artificial Intelligence	3	SECJ2013
SECJ3303	Internet Programming	3	SECJ2154 SECV2223
SECJ3323	Software Design & Architecture	3	SECJ2203
SECJ3603	Knowledge-Based & Expert Systems	3	SECJ3533
	<b>TOTAL CREDIT</b>	<b>18</b>	
	<b>CUMULATIVE CREDITS</b>	<b>87</b>	

YEAR 3: SEMESTER 2			
Code	Course	Credit	Pre-requisite
SECJ3032	Software Engineering Project I	2	SECJ3104
SECJ3203	Theory of Computer Science	3	SECJ1013 SECJ2013
<i>Elective Courses - Choose 4 (12 Credits)</i>			
SECJ3343	Software Quality Assurance	3	
SECJ3563	Computational Intelligence	3	SECJ3553
SECJ3623	Mobile Application Programming	3	SECJ2154
SECJ3403	Special Topic in Software Engineering	3	
SECJ3483	Web Technology	3	SECJ2154 SECV2223
	<b>TOTAL CREDIT</b>	<b>17</b>	
	<b>CUMULATIVE CREDITS</b>	<b>104</b>	

YEAR 4: SEMESTER 1			
Code	Course	Credit	Pre-requisite
SECJ4118	Industrial Training (HW)	8	92 credits CGPA >= 2.0
SECJ4114	Industrial Training Report	4	
	<b>TOTAL CREDIT</b>	<b>12</b>	
	<b>CUMULATIVE CREDITS</b>	<b>116</b>	

YEAR 4: SEMESTER 2			
Code	Course	Credit	Pre-requisite
SECJ4134	Software Engineering Project II	4	SECJ3032
SECD3761	Technopreneurship Seminar	1	
UBSS1032	Introduction to Entrepreneurship	2	
<i>Elective Courses - Choose 2 (6 Credits)</i>			
SECJ4383	Software Construction	3	SECJ2203
SECJ4423	Real-Time Software Engineering	3	SECJ2203
SECJ4463	Agent-Oriented Software Engineering	3	SECJ2203 SECJ2154
<b>Malaysian Students</b>			
UHMS1182	Penghayatan Etika dan Peradaban	2	
	<b>TOTAL CREDIT</b>	<b>15/13</b>	
	<b>CUMULATIVE CREDITS</b>	<b>131</b>	