

GRADUATION CHECKLIST

To graduate, students must pass all the stated courses in this checklist. It is the responsibility of the students to ensure that all courses are taken and passed. Students who do not complete any of the course are not allowed to graduate.

NO	CODE	COURSE	CREDIT EARNED (JKD)	CREDIT COUNT-ED (JKK)	TICK (✓) IF PASSED
COMPUTER SCIENCE COURSES					
CORE COURSES (74 CREDITS)					
1	SECI1013	Discrete Structure	3	3	
2	SECJ1013	Programming Technique I	3	3	
3	SECR1013	Digital Logic	3	3	
4	SECP1513	Technology & Information System	3	3	
5	SECI1113	Computational Mathematics	3	3	
6	SECI1143	Probability & Statistical Data Analysis	3	3	
7	SECJ1023	Programming Technique II	3	3	
8	SECR1033	Computer Organisation and Architecture	3	3	
9	SECD2523	Database	3	3	
10	SECD2613	System Analysis and Design	3	3	
11	SECJ2013	Data Structure and Algorithm	3	3	
12	SECR2213	Network Communications	3	3	
13	SECV2113	Human Computer Interaction	3	3	
14	SECJ2203	Software Engineering	3	3	
15	SECV2223	Web Programming	3	3	
16	SECR2043	Operating Systems	3	3	
17	SECJ2154	Object Oriented Programming	4	4	
18	SECJ3032	Software Engineering Project I	2	2	
19	SECJ3203	Theory of Computer Science	3	3	
20	SECJ4118	Industrial Training	8	HL	
21	SECJ4114	Industrial Training Report	4	4	
22	SECJ4134	Software Engineering Project II	4	4	
23	SECD3761	Technopreneurship Seminar	1	1	
ELECTIVES COURSES (34 CREDITS)					
24	SECJ2253	Requirements Engineering & Software Modelling	3	3	
25	SECJ2363	Software Project Management	3	3	
26	SECJ3104	Applications Development	4	4	
27	SECJ3553	Artificial Intelligence	3	3	
28	SECJ3303	Internet Programming	3	3	

29	SECJ3323	Software Design & Architecture	3	3	
30	SECJ3603	Knowledge-Based & Expert Systems	3	3	
31	SECJ3343	Software Quality Assurance	3	3	
32	SECJ3563	Computational Intelligence	3	3	
33	SECJ 3623	Mobile Application Programming	3	3	
34	SECJ3403	Special Topic in Software Engineering	3	3	
35	SECJ3483	Web Technology	3	3	
36	SECJ4383	Software Construction	3	3	
37	SECJ4423	Real-Time Software Engineering	3	3	
38	SECJ4463	Agent-Oriented Software Engineering	3	3	
TOTAL CREDIT OF COMPUTER SCIENCE COURSES (a)			108	100	
UNIVERSITY GENERAL COURSES					
Kluster 1: Penghayatan Falsafah, Nilai & Sejarah (Faculty of Social Sciences and Humanities)					
1	UHS1022	Falsafah dan Isu Semasa	2	2	
2	UHMS1182	Penghayatan Etika dan Peradaban	2	2	
3	UHLM1012	Malaysia Language for Communication (for International Students only)	2	2	
Kluster 2: Kemahiran Insaniah (Soft Skills)					
1	UHMT1012	Graduate Success Attributes	2	2	
Kluster 3: Perluasan Ilmu					
1	UHIT2302	The Thought of Science and Technology	2	2	
2	UHMS1172	Malaysia Dynamic (for Malaysian Students only)	2	2	
	UHMS1022	Malaysian Studies 3	2	2	
Kluster 4: Kokurikulum Pembelajaran Servis					
1	UKQF2xx2	Service Learning Co-curriculum Elective	2	2	
2	UKQT3001	Extracurricular Experiential Learning	1	1	
Kluster 5: Kemahiran Bahasa (Language Skill) (Language Academy, Faculty of Social Sciences and Humanities)					
1	UHLB1122	English Communication Skills	2	2	
2	UHLB2122	Academic Communication Skills	2	2	
3	UHLB3132	Professional Communication Skills	2	2	
4	UHL*1112	Foreign Language Elective	2	2	
Kluster 6: Keusahawanan					

1	UBSS1032	Introduction to Entrepreneurship	2	2	
TOTAL CREDIT of UNIVERSITY GENERAL COURSES (c)			23	23	
TOTAL CREDIT TO GRADUATE (a + b + c)			131	123	
OTHER COMPULSORY COURSES					
Professional Skills Certificate (PSC) (UTMSPACE/ School)					
1	GLL 1001	How to Get Your Self Employed			
2	GLL 1029	ISO 9001:2008 Quality Management System Requirement			
3	GLL 1040	Occupational Safety, Health and Environment			
4	GLL 1041	How to Manage Your Personal Finance			
Test of English Communication Skill (TECS) (Language Academy, Faculty of Social Sciences and Humanities)					
1	TECS 1001	Oral Interaction			
2	TECS 1002	Writing			