

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 (77 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	SECJ1023	Programming Technique II	3	3	
6	SECV2113	Human Computer Interaction	3	3	
7	SECI2143	Probability & Statistical Data Analysis	3	3	
8	SECR2033	Computer Organization and Architecture	3	3	
9	SECP2523	Database (WBL)	3	3	
10	SECP2613	System Analysis and Design (WBL)	3	3	
11	SECJ2013	Data Structure and Algorithm	3	3	
12	SECR2213	Network Communications	3	3	
13	SECJ2154	Object Oriented Programming	3	3	
14	SECR2043	Operating Systems	3	3	
15	SECD3761	Technopreneurship Seminar	3	3	
16	SECJ3553	Artificial Intelligence	3	3	
17	SECP3204	Software Engineering (WBL)	4	4	
18	SECP4114	Professional Development	4	4	
19	SECP4124	Professional Practice	4	4	
20	SECP4134	Professional Development and Practice Report	4	4	
21	SECP4112	Initial Industry Project Proposal	2	2	
22	SECP4223	Industrial Integrated Project Proposal	3	3	
23	SECP4235	Industrial Integrated Project Development	5	5	
24	SECP4234	Industrial Integrated Project Report	4	4	
ELECTIVES COURSES (31 CREDITS)					
25	SECP2723	System Development Technology (WBL)	3	3	

26	SECP2733	Multimedia Data Modeling (WBL)	3	3	
27	SECP2633	Information Retrieval	3	3	
28	SECP2753	Data Mining	3	3	
29	SECP3133	High Performance Data Processing	3	3	
30	SECP3213	Business Intelligence	3	3	
31	SECP3623	Database Programming	3	3	
32	SECP3713	Database Administration	3	3	
33	SECP3223	Data Analytics Programming	3	3	
34	SECP3744	Enterprise System Design and Modeling (WBL) – Modular	4	4	
35	SECP3843	Special Topic in Data Engineering (WBL)	3	3	
36	SECP3823	Knowledge Management Systems (WBL)	3	3	
37	SECP3106	Application Development (WBL)	6	6	
38	SECP3416	Management Information System (WBL)	6	6	
TOTAL CREDIT OF COMPUTER SCIENCE COURSES (a)			108	108	
UNIVERSITY GENERAL COURSES					
Kluster 1: Penghayatan Falsafah, Nilai & Sejarah (Faculty of Social Sciences and Humanities)					
1	UHMS1182	Penghayatan Etika dan Peradaban	2	2	
2	UHS1022	Falsafah dan Isu Semasa (Local students only)	2	2	
3	UHLM1012	Bahasa Malaysia Komunikasi 2 (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 (Local students only)	2	2	
3	UHMS1022	Malaysia Studies 3 (International students only)	2	2	
Kluster 4: Kurikulum Pembelajaran Servis					
1	UKQXxxx2	Co-curriculum	2	2	
2	UKQT3001	Extracurricular Experiential Learning	1	1	
Kluster 5: Kemahiran Bahasa (Language Skill) (Language Academy, Faculty of Social Sciences and Humanities)					
1	UHLB 1122	English Communication Skills	2	2	
2	UHLB 2122	Advanced Academic English Skills	2	2	
3	ULAB 3162	Academic Communication Skills	2	2	

4	ULAx 1122	Elective Foreign Language	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	131	
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			