

UHII 2092	Philosophy of Islamic Art	2	
UHII 2102	Islam and Health	2	
UHII 2132	Islamic Entrepreneurship	2	

Elective of Language Skills Courses

Code	Courses	Credit	Pre-req
UHLA 1112	Arabic Language	2	
UHLJ 1112	Japanese Language 1	2	
UHLC 1112	Mandarin Language 1	2	
UHLJ 1112	France Language	2	
UHLN 1112	Persian Language	2	

Total Credits Earned: 138

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 Counted (JKK)	Tick (√) If Passed
Biomedical Engineering Courses					
1	SEBB 1012	Introduction to Biomedical Engineering	2	2	
2	SEBB 1513	Basic Anatomy and Physiology	3	3	
3	SEEU 1023	Circuit Theory	3	3	
4	SSCE 1693	Engineering Mathematics 1	3	3	
5	UHLB1112	English Communication Skills	2	2	

6	UHMS 1172	Malaysian Dynamics (Local)	2	2	
7	UHLM 1012	Malay Language Communication 2 (International)			
8	UHMT 1012	Graduate Success Attributes	2	2	
9	SEBB 1523	Advanced Anatomy and Physiology	3	3	
10	SEBB 1313	Statics and Dynamics	3	3	
11	SEEU 1223	Digital Electronics	3	3	
12	SSCE 1793	Differential Equations	3	3	
13	UHS 1012	Islamic and Asian Civilization (local)	2	2	
14	UHMS 1022	Malaysian Studies (international)			
15	UHL* 1112	English of Language Skills	2	2	
16	SEEU 2073	Signals and Systems	3	3	
17	SEEU 1063	Electronic Devices	3	3	
18	UBSS 1032	Introduction to Entrepreneurship	2	2	
19	SEBB 2712	Laboratory 1	2	2	
20	SSCE 1993	Engineering Mathematics 2	3	3	
21	UHLB 2122	Academic Communication Skills	2	2	
22	SEBB 2033	Computer Programming for Biomedical Engineer	3	3	
23	UKQ* 2**2	Elective of Service Learning Co-Curriculum	2	2	
25	UHI* 2**2	Elective of Knowledge Enhancement	2	2	
27	UHM*2**2	Elective of Generic Skill			
28	UHIT 2302	Science and Technology Thinking	2	2	
29	SEEU 2523	Electromagnetic Field Theory	3	3	
30	SSCE 2193	Engineering Statistics	3	3	
31	SEEU 3133	System Modeling and Analysis	3	3	
32	SEBB 2513	Basic Rehabilitation	3	3	
33	SEEU 3063	Electronic Circuits and Systems	3	3	
34	SEEU 3533	Communication Principles	3	3	
35	SEBB 3712	Laboratory 2	2	2	
36	SEBB 3313	Biomedical Materials	3	3	

37	SSCE 2393	Numerical Methods	3	3	
38	SEBB 3423	Clinical Engineering	3	3	
39	SEBB 3323	Solid Mechanics	3	3	
40	SEBB 3023	Biomedical Imaging	3	3	
41	SEBB 3722	Laboratory 3	2	2	
42	SEBB 3033	Microprocessor Systems	3	3	
43	SEBB 3043	Instrumentation and Measurement in Biomedical	3	3	
44	UHLB 3132	Professional Communication Skills	2	2	
45	SEBB 4915	Industrial Training (HW)	5	HL	
46	SEBB 4313	Biomedical Systems Design	3	3	
47	SEBB 4413	Biochemistry for Biomedical Engineers	3	3	
48	SEBB 4712	Laboratory 4	2	2	
49	SEBB 4812	Project Part 1	2	2	
50	SEBB 4023	Biomedical Signal Processing	3	3	
51	SEBB 4**3	Elective 1	3	3	
52	UKQT 3001	Extracurricular Experiential Learning (ExCEL)	1	1	
53	SEBB 4824	Project Part 2	4	4	
54	SEBB 4**3	Elective 2	3	3	
55	SEBB 4**3	Elective 3	3	3	
56	SHAS 4542	Engineering Management	2	2	
57	SEBB 4032	Professional Biomedical Engineering Practice	2	2	
TOTAL CREDIT TO GRADUATE (a + b + c)			138	133	
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			

Course Synopsis