

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	Course Code	Course Name	Credit Earned (JKD)	Credit Counted (JKK)	Tick (/) If Passed
Mechanical Engineering Courses					
1	SEMM 1013	Programming for Engineers	3	3	
2	SEMM 1113	Mechanics of Solids I	3	3	
3	SEMM 1203	Statics	3	3	
4	SEMM 1213	Dynamics	3	3	
5	SEMO 1503	Ship Engineering Drawing	3	3	
6	SEMO 1332	Naval Architecture I	2	2	
7	SEMM 1911	Experimental Methods	1	1	
8	SEMO 1922	Introduction to Naval Architecture and Offshore Engineering	2	2	
9	SEMM 2223	Mechanics of Machines & Vibration	3	3	
10	SEMM 2313	Mechanics of Fluids I	3	3	
11	SEMM 2413	Thermodynamics	3	3	
12	SEMM 2613	Materials Science	3	3	
13	SEMM 2921	Laboratory I	1	1	
14	SEMM 3023	Applied Numerical Methods	3	3	
15	SEMO 3033	Computational Methods in Ocean Engineering	3	3	
16	SEMM 3242	Instrumentation	2	2	
17	SEMM 3623	Materials Engineering	3	3	
18	SEMO 3931	Marine Laboratory I	1	1	
19	SEMM 4902	Engineering Professional Practice	2	2	
20	SEMO 2123	Ship & Offshore Structures I	3	3	
21	SEMO 2713	Ship & Offshore Production Technology	3	3	
22	SEMO 2323	Marine Hydrodynamics	3	3	
23	SEMO 3512	Ship & Offshore Design	2	2	
24	SEMO 3333	Naval Architecture II	3	3	
25	SEMO 3353	Ship Resistance & Propulsion	3	3	
26	SEMO 3133	Ship & Offshore Structures II	3	3	
27	SEMO 3523	Integrated Ship & Offshore Design Project I	3	3	
28	SEMO 3813	Marine Transport & Economics	3	3	
29	SEMO 3915	Industrial Training	5	HL	
30	SEMO 4233	Dynamics of Marine Vehicles	3	3	
31	SEMO 4423	Marine & Offshore Engineering System	3	3	
32	SEMO 4533	Integrated Ship & Offshore Design Project II	3	3	
33	SEMO 4823	Marine Management, Safety & Environment	3	3	
34	SEMO 4912	Undergraduate Project I	2	2	
35	SEMO 4924	Undergraduate Project II	4	4	
36	SEMO 4951	Marine Laboratory II	1	1	
37	SEMO 4262	Risers & Mooring Dynamics	2	2	
38	SEMO 4xx2	Marine & Offshore Elective	2	2	
TOTAL CREDIT FOR MECHANICAL ENGINEERING COURSES (A)			101	96	

Electrical Courses (Faculty Of Electrical Engineering)				
1	SEEU 1002	Electrical Technology	2	2
2	SEEU 2012	Electronics	2	2
TOTAL CREDIT FOR ELECTRICAL COURSES (B)			4	4
Mathematics Courses (Faculty Of Science)				
1	SSCE 1693	Engineering Mathematics I	3	3
2	SSCE 1793	Differential Equations	3	3
3	SSCE 1993	Engineering Mathematics II	3	3
4	SSCE 2193	Engineering Statistics	3	3
TOTAL CREDIT FOR MATHEMATICS COURSES (C)			12	12
University General Courses				
University Free Elective				
1	SXXX xxx3	Free Elective	3	3
Malaysia Core Value				
1	ULRS 1022	Philosophy and Current Issues	2	2
2	ULRS 1182	Appreciation of Ethics and Civilizations	2	2
	UHLM 1012	Malay Language for Communication 2 (For International Students Only)		
Value And Identity				
1	ULRS 1032	Integrity and Anti-Corruption	2	2
Global Citizen				
1	ULRF 2XX2	Global Citizen Elective	2	2
Communication Skills				
1	UHLB 2122	Professional Communication Skills 1	2	2
2	UHLB 3132	Professional Communication Skills 2	2	2
3	UHLX 1112	Foreign Language Elective	2	2
Enterprising Skills				
1	ULRS 3032	Entrepreneurship and Innovation	2	2
TOTAL CREDIT FOR UNIVERSITY GENERAL COURSES (D)			19	19
TOTAL CREDIT TO GRADUATE (A + B + C + D)			136	131

Other Compulsory Courses				
OTHER COMPULSORY COURSES – PROFESSIONAL SKILLS CERTIFICATION (PCS)				
<ul style="list-style-type: none"> Students are required to enrol and pass FIVE (5) PCS courses, in order to be eligible to graduate 				
1	GSPX XXXX	Design Thinking for Entrepreneur		
2	GSPX XXXX	Talent and Competency Management		
3	GSPX XXXX	English Communication Skills for Graduating Students (ECS)		
Elective PSC Courses (Choose 2 Only)				
1	GSPX XXXX	Data Analytic for Organization		
2	GSPX XXXX	Quality Management for Built Environment and Engineering Professionals		
3	GSPX XXXX	Construction Measurement (Mechanical & Electrical)		
4	GSPX XXXX	Professional Ethics and Integrity		
5	GSPX XXXX	OSHE for Engineering Industry and Laboratory		
6	GSPX XXXX	OSHE for Construction Industry and Laboratory Works		
7	GSPX XXXX	Safety and Health Officer Introductory Course		