

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
SCHOOL OF CHEMICAL AND ENERGY ENGINEERING					
PRE-REQUISITE COURSES (if applicable)					
1	MKKK 0413	Chemical Engineering Thermodynamics	3	HW	
2	MKKK 0423	Chemical Reactions Engineering	3	HW	
3	MKKK 0513	Transport Processes and Unit Operations	3	HW	
4	MKKK 0613	Mass Balance	3	HW	
5	MKKK 0623	Basic Numerical Methods	3	HW	
PROGRAMME CORE COURSES (Compulsory)					
1	MKKK 1413	Advanced Thermodynamic	3	3	
2	MKKK 1423	Advanced Chemical Reaction Engineering	3	3	
3	MKKK 1513	Advanced Transport Phenomena	3	3	
4	MKKK 1643	Numerical Computation in Chemical Engineering	3	3	
	TOTAL CREDIT OF CORE COURSES (a)		12	12	
PROGRAMME ELECTIVE COURSES (Choose only 1 Course)					
5	MKKK 1613	Energy Analysis and Management	3	3	
6	MKKK 1653	Safety and Health in Chemical Industries			
7	MKKK 1683	Process Integration			
	TOTAL CREDIT OF ELECTIVE COURSE (b)		3	3	
UNIVERSITY GENERAL COURSES					
8	U*** **3	University General Course	3	3	
9	UKKP 0013	Research Methodology	3	3	
	TOTAL CREDIT OF UNIVERSITY GENERAL COURSE (c)		6	6	
DISSERTATION					
10	MKKK **80	Dissertation	0	HL	
	TOTAL CREDIT TO GRADUATE (a+b+c)		21	21	