

## GRADUATION CHECKLIST INTAKE 2019/2020

To graduate, students must pass all the stated courses in this checklist with minimum B grade. Students must achieve a total of 46 credit hours with a minimum of cumulative B grade or CGPA of 3.0 and passed master research dissertation project and has submitted the approved dissertation to UTM. 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 |
|---|----------------------------------|--|---------------------|----------------------|--------------------|
| <b>SCHOOL OF CHEMICAL AND ENERGY ENGINEERING</b>          |                                  |  |                     |                      |                    |
| <b>PROGRAMME CORE COURSES (Compulsory)</b>                |                                  |  |                     |                      |                    |
| 1   | MKPM 1113                        | Hydrocarbon Gas Exploration, Production and Processing   | 3                   | 3                    |                    |
| 2   | MKPM 1123                        | Hydrocarbon Gas Transportation and Storage               | 3                   | 3                    |                    |
| 3   | MKPM 1133                        | Natural Gas Supply Engineering and Economic              | 3                   | 3                    |                    |
| 4   | MKPM 1143                        | Hydrocarbon Gas Thermodynamic Properties and Utilization | 3                   | 3                    |                    |
| 5   | MKPM 1213                        | Risk and Safety Management                               | 3                   | 3                    |                    |
| 6   | MKPM 1223                        | Asset Management and Control                             | 3                   | 3                    |                    |
| 7   | MKPM 1233                        | Gas Contract Negotiation and Implementation              | 3                   | 3                    |                    |
| 8   | MKPM1243                         | Gas Project Planning, Development and Financing          | 3                   | 3                    |                    |
| 9   | MKPM 1414                        | Graduate Project 1                                       | 4                   | 4                    |                    |
| 10  | MKPM 1426                        | Graduate Project 2                                       | 6                   | 6                    |                    |
|   | TOTAL CREDIT OF CORE COURSES (α) |  | <b>34</b>           | <b>34</b>            |                    |
| <b>PROGRAMME ELECTIVE COURSES (Choose only 2 Courses)</b> |                                  |  |                     |                      |                    |
| 11  | MKPM 1153                        | LNG Technology   | 6                   | 6                    |                    |
| 12  | MKPM 1323                        | Flow Measurement   |                     |                      |                    |
| 13  | MKPM 1353                        | Fire and Explosion                                       |                     |                      |                    |

|                                  |   |                           |           |           |  |
|----------------------------------|---|---------------------------|-----------|-----------|--|
|                                  | TOTAL CREDIT OF ELECTIVE COURSE (b)           |                           | <b>6</b>  | <b>6</b>  |  |
| <b>UNIVERSITY GENERAL COURSE</b> |   |                           |           |           |  |
| 14                               | U*** **3                                      | University General Course | 3         | 3         |  |
| 15                               | UKKP 0013                                     | Research Methodology      | 3         | 3         |  |
|                                  | TOTAL CREDIT OF UNIVERSITY GENERAL COURSE (c) |                           | <b>6</b>  | <b>6</b>  |  |
| <b>DISSERTATION</b>              |   |                           |           |           |  |
|                                  | <b>TOTAL CREDIT TO GRADUATE (a+b+c)</b>       |                           | <b>46</b> | <b>46</b> |  |