**BACHELOR OF CHEMICAL ENGINEERING TECHNOLOGY WITH HONOURS (BTK)**

| **NO** | **COURSE CODE** | **COURSE NAME** | **INSTITUTION & COURSE** |
| --- | --- | --- | --- |
| 1 | BTK1132 | CHEMISTRY LABORATORY | **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DKK1781 BASIC SCIENCE & ENGINEERING LAB **AND**  DKK1771 ANALYTICAL INSTRUMENTAL LAB **OR**  DRK1411 BASIC SCIENCE & ENGINEERING LAB **AND**  DRK2341 ANALYTICAL INSTRUMENTAL LAB  **UNIVERSITI PENDIDIKAN SULTAN IDRIS**  SKL1023 TECHNIQUES IN CHEMISTRY LABORATORY  **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)**  DAK20601 CHEMICAL ENGINEERING LAB I **AND**  DAK22101 CHEMICAL ENGINEERING LAB II  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHM256 BASIC ANALYTICAL CHEMISTRY (3 CRE) **AND**  CHM260 BASIC INSTRUMENTAL ANALYSIS (3 CRE) **AND**  CHM131 GENERAL CHEMISTRY |
| 2 | BTK2232 | ELECTRICAL TECHNOLOGY | **TERENGGANU ADV TECHNICAL INS. (TATI)**  DMT1013 ELECTRICAL TECHNOLOGY  **POLITEKNIK**  DGP10013 ELECTRICAL TECHNOLOGY **OR**  DGP1013 ELECTRICAL TECHNOLOGY  **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DKK1352 ELECTRICAL TECHNOLOGY **OR**  DRK1322 ELECTRICAL TECHNOLOGY  **UNIVERSITI PENDIDIKAN SULTAN IDRIS**  SFE1023 ELECTRICITY AND MAGNETISM  **UNIVERSITI KUALA LUMPUR**  CLD20102 ELECTRICAL TECHNOLOGY  **INSTITUT KEMAHIRAN MARA JB**  DPG30302 ELECTRICAL AND ELECTRONIC FUNDAMENTAL (2) |
| 3 | BTK1243 | FLUID MECHANICS | **TERENGGANU ADV TECHNICAL INS. (TATI)**  DTC1053  FLUIDS MECHANICS  **POLITEKNIK**  DJJ20073 FLUID MECHANICS **OR**  DGP2053 FLUID MECHANICS **OR**  DGP20082 FLUID MECHANICS **AND**  DGP30161 PROCESS ENGINEERING LABORATORY 1  **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DKK2373 FLUID MECHANICS **OR**  DRK1133 FLUID MECHANICS  **UNIVERSITI KUALA LUMPUR**  CLD10603 FLUID MECHANICS  **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)**  DAK 10703 FLUID MECHANICS OR  DAK 22403 MEKANIK BENDALIR/ FLUID MECHANICS OR  DAK12403 FLUID MECHANICS  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHE233 FLUID MECHANICS (3)  **INSTITUT KEMAHIRAN MARA JB**  DPG21263 FLUID MECHANICS (3) |
| 4 | BTK1163 | ORGANIC CHEMISTRY | **TERENGGANU ADV TECHNICAL INS. (TATI)**  DTC1043 PHYSICAL AND ORGANIC CHEMISTRY  **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DUK1123 GENERAL CHEMISTRY II  **UNIVERSITI PENDIDIKAN SULTAN IDRIS**  SKO1013 PENGENALAN KIMIA ORGANIK  **UNIVERSITI KUALA LUMPUR**  CLD 10004 GENERAL CHEMISTRY  **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)**  DAK 11303 KIMIA ORGANIK DAN FIZIKAL **AND** DAK 22101 CHEMICAL ENGINEERING TECHNOLOGY LAB II **OR**  DAS 11403 ORGANIC CHEMISTRY  **POLITEKNIK**  DGP1023 FUNDAMENTALS OF CHEMISTRY **OR**  DGC20023 ORGANIC CHEMISTRY  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHE145 ORGANIC AND ANALYTICALCHEMISTRY (3) |
| 5 | BTK1143 | PHYSICAL CHEMISTRY | **TERENGGANU ADV TECHNICAL INS. (TATI)**  DTC1033 GENERAL CHEMISTRY  **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DUK1113 GENERAL CHEMISTRY I  **UNIVERSITI PENDIDIKAN SULTAN IDRIS**  SKF1013 INTRODUCTION TO PHYSICAL CHEMISTRY  **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)** DAK10303 PHYSICAL CHEMISTRY  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHM271 PRINCIPLES OF PHYSICAL CHEMISTRY (3 CRE) **OR**  CHE142 INORGANIC AND PHYSICAL CHEMISTRY (3) |
| 6 | BTK1253 | THERMODYNAMICS | **TERENGGANU ADV TECHNICAL INS. (TATI)** DTC2073 THERMODYNAMIC  **POLITEKNIK**  DJJ20063 THERMODYNAMICS**OR**  DGP2043 THERMODYNAMICS  **UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)**  DKK2253 THERMODYNAMICS **OR**  DKK2333 THERMODYNAMICS **OR**  DRK1213 THERMODYNAMICS  **UNIVERSITI KUALA LUMPUR MICET**  CLD20302 THERMODYNAMICS **AND**  CPD 30302 PILOT PLANT OPERATION 2  **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)**  DAK 10603 THERMODYNAMICS **OR**  DAK 20603 THERMODYNAMICS **OR**  DAK20703 – THERMODYNAMICS  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHE144 CHEMICAL ENGINEERING THERMODYNAMICS (4)  **INSTITUT KEMAHIRAN MARA JB**  DPG30313 THERMODYNAMICS (3) |
| 7 | BTK1113 | ANALYTICAL CHEMISTRY | **UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)**  DAK 12603 ANALYTICAL CHEMISTRY  **UNIVERSITI KUALA LUMPUR MICET**  CLD10402 ANALYTICAL CHEMISTRY **AND**  CLD10302 ORGANIC CHEMISTRY  **UNIVERSITI TEKNOLOGI MARA (UiTM)**  CHM256 BASIC ANALYTICAL CHEMISTRY  CHM260 BASIC INSTRUMENTAL ANALYSIS |

Pemindahan Kredit Secara Menegak (Vertikal) merujuk kepada pemindahan kredit daripada satu program ke program lain pada tahap yang lebih tinggi, dan tertakluk kepada perubahan silibus kursus di peringkat fakulti.