

*STRUKTUR KURIKULUM BARU*  
**DIPLOMA KEJURUTERAAN KIMIA (DRK)**

| YEAR                            | FIRST YEAR                                 |                                                        |                                                   | SECOND YEAR                                          |                                                             | THIRD YEAR                  | <u>LEGEND</u>                 |
|---------------------------------|--------------------------------------------|--------------------------------------------------------|---------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|-----------------------------|-------------------------------|
| SEM                             | 0                                          | 1                                                      | 2                                                 | 1                                                    | 2                                                           | 1                           |                               |
| C<br>O<br>U<br>R<br>S<br>E<br>S | UHC2022<br>Penghayatan Etika dan Peradaban | DRK1113<br>Material & Energy Balances                  | DRK1421<br>Mass And Heat Transfer Lab             | DRK2263<br>Chemical Reaction (Embedded Lab)          | DRK2441<br>Environmental Engineering Lab                    | DRK3610 Industrial Training | Kursus teras program (65)     |
|                                 | ULE1212<br>Essential English               | DRK1311<br>Introduction to Chemical Engineering        | DRK1123<br>Engineering Mechanics                  | DRK2233<br>Environmental Engineering                 | DRK2352<br>Plant Supervision                                |                             | Kursus matapelajaran umum (8) |
|                                 | UHC1032<br>KIAR                            | DRK1322<br>Electrical Technology                       | DRK1213<br>Thermodynamics                         | DRK2362<br>Plant Commissioning, Start-Up & Shut-Down | DRK2393<br>Process Instrumentation & Control (Embedded Lab) |                             | Kursus Wajib Universiti (17)  |
|                                 | DUM1163<br>Elementary Mathematics          | DRK1333<br>Computer Application & Engineering Graphics | DUK1123<br>General Chemistry II                   | DRK2372<br>Plant Safety & Health                     | DRK2254<br>Unit Operations (Embedded Lab)                   |                             |                               |
|                                 |                                            | DRK1223<br>Transport Processes                         | DUM2143<br>Advanced Calculus                      | DRK2382<br>Plant Utility                             | DRK2524<br>Final Year Project                               |                             |                               |
|                                 |                                            | DUK1113<br>General Chemistry I                         | ULE2232<br>English for Professional Communication | DRK2133<br>Fluid Mechanics                           | UQA1002<br>Co-curriculum                                    |                             |                               |
|                                 |                                            | ULE1222<br>English For Academic Communication          | DUF1113<br>Physics                                | DRK2411<br>Basic Science & Engineering Lab           |                                                             |                             |                               |
|                                 |                                            | UHC1012<br>Falsafah dan Isu Semasa                     |                                                   | UGE1002<br>Entrepreneurship                          |                                                             |                             |                               |
| TOTAL CREDITS                   | 9                                          | 19                                                     | 18                                                | 18                                                   | 16                                                          | 10                          | 90                            |