**BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING**

*(Curriculum applicable to students who entered as freshmen beginning school year 2010-2011)*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 1 | 1 | | CWTS011 | | OVERVIEW OF THE NATIONAL SERVICE TRAINING PROGRAM | | | | 3.0 | | - | | 2.0 | |  | |  | | CSRO | |
| 1 | 1 | | DRAW021W | | ENGINEERING DRAWING 1 (DRAW) | | | | - | | 3.0 | | 1.0 | |  | |  | | CAS | |
| 1 | 1 | | ENG011 | | ENGLISH FOR ACADEMIC STUDIES 1 | | | | 3.0 | | - | | 2.0 | |  | |  | | CAS | |
| 1 | 1 | | HUM014 | | PHILIPPINE LITERATURE IN ENGLISH | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
| 1 | 1 | | IT001L | | COMPUTER FUNDAMENTALS 1 (LAB) | | | | - | | 3.0 | | 1.0 | |  | |  | | CIT | |
| 1 | 1 | | MATH011 | | ALGEBRA | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
| 1 | 1 | | PE021 | | PHYSICAL EDUCATION 1: PHYSICAL FITNESS & GYMNASTICS | | | | - | | 2.5 | | 1.5 | |  | |  | | CAS | |
| 1 | 1 | | SS016 | | PHILIPPINE HISTORY | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
| 1 | 1 | | VE011 | | VALUES EDUCATION 1 | | | | 1.5 | | - | | 1.0 | |  | |  | | CAS | |
|  |  | |  | | **Total** | | | | **21.0** | | **8.5** | | **17.5\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 1 | 2 | | CWTS012 | | CIVIC WELFARE TRAINING COURSE - I | | | | 3.0 | | - | | 2.0 | | CWTS011 | |  | | CSRO | |
| 1 | 2 | | DRAW022W | | ENGINEERING DRAWING 2 (DRAW) | | | | - | | 3.0 | | 1.0 | | DRAW021W | |  | | CAS | |
| 1 | 2 | | ENG012 | | ENGLISH FOR ACADEMIC STUDIES 2 | | | | 3.0 | | - | | 2.0 | | ENG011 | |  | | CAS | |
| 1 | 2 | | HUM011 | | LOGIC REASONING WITH CRITICAL THINKING | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
| 1 | 2 | | IT002L | | COMPUTER FUNDAMENTALS 2 (LAB) | | | | - | | 3.0 | | 1.0 | | IT001L | |  | | CIT | |
| 1 | 2 | | MATH011-2 | | ADVANCED ALGEBRA | | | | 3.0 | | - | | 2.0 | | MATH011 | |  | | CAS | |
| 1 | 2 | | MATH012 | | PLANE AND SPHERICAL TRIGONOMETRY | | | | 4.5 | | - | | 3.0 | | MATH011 | |  | | CAS | |
| 1 | 2 | | PE022 | | PHYSICAL EDUCATION 2: DANCE & MARTIAL ARTS | | | | - | | 2.5 | | 1.5 | |  | |  | | CAS | |
| 1 | 2 | | SS013 | | ECONOMICS, TAXATION AND AGRARIAN REFORM | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
|  |  | |  | | **Total** | | | | **22.5** | | **8.5** | | **18.5\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 1 | 3 | | CWTS013 | | CIVIC WELFARE TRAINING COURSE – II | | | | 3.0 | | - | | 2.0 | | CWTS012 | |  | | CSRO | |
| 1 | 3 | | DRAW023L | | COMPUTER-AIDED DRAFTING AND DESIGN (LAB) | | | | - | | 3.0 | | 1.0 | | DRAW022W | |  | | CAS | |
| 1 | 3 | | ENG013 | | ENGLISH FOR ACADEMIC STUDIES 3 | | | | 3.0 | | - | | 2.0 | | ENG012 | |  | | CAS | |
| 1 | 3 | | MATH013 | | ANALYTIC GEOMETRY | | | | 4.5 | | - | | 3.0 | | MATH012 | |  | | CAS | |
| 1 | 3 | | MATH014 | | SOLID MENSURATION | | | | 3.0 | | - | | 2.0 | | MATH012 | |  | | CAS | |
| 1 | 3 | | MATH021 | | CALCULUS 1 | | | | 4.5 | | - | | 3.0 | | MATH012 | | MATH013 | | CAS | |
| 1 | 3 | | HUM016 | | ADVANCED LOGIC AND REASONING | | | | 4.5 | | - | | 3.0 | | HUM011 | |  | | CAS | |
| 1 | 3 | | PE023 | | PHYSICAL EDUCATION 3: INDIVIDUAL/DUAL SPORTS | | | | - | | 2.5 | | 1.5 | |  | |  | | CAS | |
|  |  | |  | | Total | | | | **22.5** | | **5.5** | | **17.5\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 2 | 1 | | CHM021 | | GENERAL CHEMISTRY 1 | | | | 3.0 | | - | | 2.0 | |  | |  | | CAS | |
| 2 | 1 | | CHM021L | | GENERAL CHEMISTRY 1 LABORATORY | | | | - | | 3.0 | | 1.0 | |  | | CHM021 | | CAS | |
| 2 | 1 | | FIL011 | | FILIPINO 1 | | | | 3.0 | | - | | 2.0 | |  | |  | | CAS | |
| 2 | 1 | | SS015 | | POLITICS, GOVERNANCE AND THE 1987 PHILIPPINE CONSTITUTION | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
| 2 | 1 | | MATH022 | | CALCULUS 2 | | | | 4.5 | | - | | 3.0 | | MATH013, MATH021 | |  | | CAS | |
| 2 | 1 | | PE024 | | PHYSICAL EDUCATION 4: ADVANCED INDIVIDUAL/DUAL SPORTS | | | | - | | 2.5 | | 1.5 | | PE023 | |  | | CAS | |
| 2 | 1 | | PHY021 | | PHYSICS 1 | | | | 4.5 | | - | | 3.0 | | MATH021 | |  | | CAS | |
| 2 | 1 | | PHY021L | | PHYSICS 1 (LAB) | | | | - | | 3.0 | | 1.0 | | MATH021 | | PHY021 | | CAS | |
|  |  | |  | | **Total** | | | | **19.5** | | **8.5** | | **16.5\*** | |  | |  | |  | |
| 0.0 | | | | | | | | | | | | | | | | | | | | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 2 | 2 | | CHM022 | | GENERAL CHEMISTRY 2 | | | | 3.0 | | - | | 2.0 | | CHM021 | |  | | CAS | |
| 2 | 2 | | CHM022L | | GENERAL CHEMISTRY 2 LABORATORY | | | | - | | 3.0 | | 1.0 | | CHM021, CHM021L | | CHM022 | | CAS | |
| 2 | 2 | | FIL012 | | FILIPINO 2 | | | | 3.0 | | - | | 2.0 | | FIL011 | |  | | CAS | |
| 2 | 2 | | MATH023 | | CALCULUS 3 | | | | 4.5 | | - | | 3.0 | | MATH022 | |  | | CAS | |
| 2 | 2 | | PHY022 | | PHYSICS 2 | | | | 4.5 | | - | | 3.0 | | MATH022, PHY021 | |  | | CAS | |
| 2 | 2 | | PHY022L | | PHYSICS 2 (LAB) | | | | - | | 3.0 | | 1.0 | | MATH022, PHY021, PHY021L | | PHY022 | | CAS | |
| 2 | 2 | | PE025 | | PHYSICAL EDUCATION 5: TEAM SPORTS | | | | - | | 2.5 | | 1.5 | |  | |  | | CAS | |
| 2 | 2 | | SS017 | | SOCIETY, CULTURE AND FAMILY LIFE | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
|  |  | |  | | **Total** | | | | **19.5** | | **8.5** | | **16.5\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 2 | 3 | | CHM023 | | GENERAL CHEMISTRY 3 | | | | 3.0 | | - | | 2.0 | | CHM022 | |  | | CAS | |
| 2 | 3 | | CHM023L | | GENERAL CHEMISTRY 3 LABORATORY | | | | - | | 3.0 | | 1.0 | | CHM022, CHM022L | | CHM023 | | CAS | |
| 2 | 3 | | FIL013 | | FILIPINO 3 | | | | 3.0 | | - | | 2.0 | | FIL012 | |  | | CAS | |
| 2 | 3 | | MATH025 | | DIFFERENTIAL EQUATIONS | | | | 4.5 | | - | | 3.0 | | MATH023 | |  | | CAS | |
| 2 | 3 | | MEC101 | | STATICS OF RIGID BODIES | | | | 4.5 | | - | | 3.0 | | MATH022, PHY022, | |  | | CAS | |
| 2 | 3 | | PE026 | | PHYSICAL EDUCATION 6: ADVANCED TEAM SPORTS | | | | - | | 2.5 | | 1.5 | | PE025 | |  | | CAS | |
| 2 | 3 | | PHY023 | | PHYSICS 3 | | | | 4.5 | | - | | 3.0 | | PHY022 | |  | | CAS | |
| 2 | 3 | | PHY023L | | PHYSICS 3 (LAB) | | | | - | | 3.0 | | 1.0 | | PHY022, PHY022L | | PHY023 | | CAS | |
| 2 | 3 | | VE012 | | VALUES EDUCATION 2 | | | | 1.5 | | - | | 1.0 | | VE011 | |  | | CAS | |
|  |  | |  | | **Total** | | | | **21.0** | | **8.5** | | **17.5\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 3 | 1 | | CHM130 | | ANALYTICAL CHEMISTRY | | | | 4.5 | | - | | 3.0 | | CHM023, CHM023L | |  | | CAS | |
| 3 | 1 | | CHM130L | | ANALYTICAL CHEMISTRY LABORATORY | | | | - | | 9.0 | | 2.0 | | CHM023, CHM023L | | CHM130 | | CAS | |
| 3 | 1 | | CHM141 | | ORGANIC CHEMISTRY 1 | | | | 3.0 | | - | | 2.0 | | CHM023, CHM023L | |  | | CAS | |
| 3 | 1 | | CHM141L | | ORGANIC CHEMISTRY 1 LABORATORY | | | | - | | 3.0 | | 1.0 | | CHM023, CHM023L | | CHM141 | | CAS | |
| 3 | 1 | | EENV101 | | ENVIRONMENTAL ENGINEERING | | | | 3.0 | | - | | 2.0 | | CHM023, CHM023L | |  | | MITL | |
| 3 | 1 | | MATH115 | | ADVANCED ENGINEERING MATHEMATICS | | | | 4.5 | | - | | 3.0 | | MATH025 | |  | | MITL | |
|  |  | |  | | **Total** | | | | **15.0** | | **12.0** | | **13.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 3 | 2 | | CHE111P | | CHEMICAL ENGINEERING CALCULATIONS 1 (PAIRED) | | | | 3.0 | | 4.5 | | 3.0 | | CHM130, MATH011-2 | |  | | MITL | |
| 3 | 2 | | CHE121 | | PHYSICAL CHEMISTRY FOR ENGINEERS 1 | | | | 4.5 | | - | | 3.0 | | CHM130, CHM130L, MATH022 | |  | | MITL | |
| 3 | 2 | | CHE121L | | PHYSICAL CHEMISTRY FOR ENGINEERS 1 LABORATORY | | | | - | | 4.5 | | 1.0 | | CHM130, CHM130L, MATH022 | | CHE121 | | MITL | |
| 3 | 2 | | CHM142 | | ORGANIC CHEMISTRY 2 | | | | 3.0 | | - | | 2.0 | | CHM141 | |  | | CAS | |
| 3 | 2 | | CHM142L | | ORGANIC CHEMISTRY 2 LABORATORY | | | | - | | 3.0 | | 1.0 | | CHM141, CHM141L | | CHM142 | | CAS | |
| 3 | 2 | | CHM150 | | INDUSTRIAL CHEMISTRY | | | | 3.0 | | - | | 2.0 | | CHM141 | | CHM142 | | CAS | |
| 3 | 2 | | CHM150L | | INDUSTRIAL CHEMISTRY LABORATORY | | | | - | | 4.5 | | 1.0 | | CHM141, CHM141L | | CHM150 | | CAS | |
| 3 | 2 | | MEC102 | | DYNAMICS OF RIGID BODIES | | | | 3.0 | | - | | 2.0 | | MEC101 | |  | | CAS | |
|  |  | |  | | **Total** | | | | **16.5** | | **16.5** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 3 | 3 | | BEC198 | | BASIC ENGINEERING CORRELATION | | | | - | | 3.0 | | 1.0 | | CHM023, MATH115, PHY023, | |  | | MITL | |
| 3 | 3 | | CHE112P | | CHEMICAL ENGINEERING CALCULATIONS 2 (PAIRED) | | | | 3.0 | | 4.5 | | 3.0 | | CHE111P | |  | | MITL | |
| 3 | 3 | | CHE122 | | PHYSICAL CHEMISTRY FOR ENGINEERS 2 | | | | 4.5 | | - | | 3.0 | | CHE121 | |  | | MITL | |
| 3 | 3 | | CHE122L | | PHYSICAL CHEMISTRY FOR ENGINEERS 2 LABORATORY | | | | - | | 4.5 | | 1.0 | | CHE121, CHE121L | | CHE122 | | MITL | |
| 3 | 3 | | CHE123 | | CHEMICAL ENGINEERING THERMODYNAMICS 1 | | | | 4.5 | | - | | 3.0 | | CHE121 | |  | | MITL | |
| 3 | 3 | | CHE130 | | PRINCIPLES OF TRANSPORT PROCESSES | | | | 4.5 | | - | | 3.0 | | CHE111P, , MATH025 | |  | | MITL | |
| 3 | 3 | | ECE121P | | INTRODUCTION TO MATLAB (LAB) | | | | 1.5 | | 3.0 | | 1.0 | | 3rd Year Standing | |  | | MITL | |
| 3 | 3 | | VE013 | | VALUES EDUCATION 3 | | | | 1.5 | | - | | 1.0 | | VE011 | |  | | CAS | |
|  |  | |  | | **Total** | | | | **19.5** | | **15.0** | | **16.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 3 | 4 | | MATH140 | | DISCRETE MATHEMATICS | | | | 4.5 | | - | | 3.0 | | MATH011 | |  | | MITL | |
| 3 | 4 | | MATH160 | | NUMERICAL METHODS | | | | 4.5 | | - | | 3.0 | | MATH025 | |  | | MITL | |
|  |  | |  | | **Total** | | | | **9.0** | | **0.0** | | **6.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 4 | 1 | | CHE124 | | CHEMICAL ENGINEERING THERMODYNAMICS 2 | | | | 4.5 | | - | | 3.0 | | CHE123 | |  | | MITL | |
| 4 | 1 | | CHE131 | | MOMENTUM TRANSFER | | | | 4.5 | | - | | 3.0 | | CHE130 | |  | | MITL | |
| 4 | 1 | | ENG041L | | ENGLISH FOR THE WORKPLACE 1 | | | | - | | 3.0 | | 1.0 | | ENG013 | |  | | CAS | |
| 4 | 1 | | MATH110 | | PROBABILITY AND STATISTICS | | | | 4.5 | | - | | 3.0 | | MATH011 | |  | | MITL | |
| 4 | 1 | | MEC103 | | MECHANICS OF DEFORMABLE BODIES | | | | 4.5 | | - | | 3.0 | | MEC101 | |  | | CAS | |
| 4 | 1 | | SAF101 | | SAFETY MANAGEMENT | | | | 1.5 | | - | | 1.0 | | 3rd Year Standing | |  | | MITL | |
| 4 | 1 | | VE014 | | VALUES EDUCATION 4 | | | | 1.5 | | - | | 1.0 | | VE013 | |  | | CAS | |
|  |  | |  | | **Total** | | | | **21.0** | | **3.0** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 4 | 2 | | CHE132 | | INTRODUCTION TO PARTICLE TECHNOLOGY | | | | 3.0 | | - | | 2.0 | | CHE131 | |  | | MITL | |
| 4 | 2 | | CHE133 | | HEAT AND MASS TRANSFER | | | | 4.5 | | - | | 3.0 | | CHE131 | |  | | MITL | |
| 4 | 2 | | CHE150 | | CHEMICAL PROCESS INDUSTRIES | | | | 4.5 | | - | | 3.0 | | CHM142 | |  | | MITL | |
| 4 | 2 | | EE105 | | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | | | | 3.0 | | - | | 2.0 | | PHY023, PHY023L | |  | | MITL | |
| 4 | 2 | | EE105L | | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING (LAB) | | | | - | | 4.5 | | 1.0 | | PHY023, PHY023L | | EE105 | | MITL | |
| 4 | 2 | | ENG042L | | ENGLISH FOR THE WORKPLACE 2 | | | | - | | 3.0 | | 1.0 | | ENG041L | |  | | CAS | |
| 4 | 2 | | RES101P | | METHODS OF RESEARCH (PAIRED) | | | | 1.5 | | 3.0 | | 2.0 | | MATH110 | |  | | MITL | |
|  |  | |  | | **Total** | | | | **16.5** | | **10.5** | | **14.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 4 | 3 | | BIO181 | | INTRODUCTION TO BIOTECHNOLOGY | | | | 4.5 | | - | | 3.0 | | CHM142 | |  | | CAS | |
| 4 | 3 | | CHE102 | | SAFETY IN PROCESS INDUSTRIES | | | | 3.0 | | - | | 2.0 | | SAF101 | |  | | MITL | |
| 4 | 3 | | CHE131L | | CHEMICAL ENGINEERING LABORATORY 1 | | | | - | | 4.5 | | 1.0 | | CHE132,  CHE133 | |  | | MITL | |
| 4 | 3 | | CHE134P | | SEPARATION PROCESSES (PAIRED) | | | | 3.0 | | 4.5 | | 3.0 | | CHE124,  CHE133 | |  | | MITL | |
| 4 | 3 | | CHE198 | | ChE CORRELATION 1 | | | | - | | 3.0 | | 1.0 | | CHE112P, CHE122, CHE124, CHM130, CHM142, MATH110 | |  | | MITL | |
| 4 | 3 | | CS101L | | PROGRAMMING FUNDAMENTALS 1 (LAB) | | | | - | | 3.0 | | 1.0 | |  | |  | | CIT | |
| 4 | 3 | | ENG043L | | ENGLISH FOR THE WORKPLACE 3 | | | | - | | 3.0 | | 1.0 | | ENG042L | |  | | CAS | |
| 4 | 3 | | MSE101 | | FUNDAMENTALS OF MATERIAL SCIENCE AND ENGINEERING | | | | 4.5 | | - | | 3.0 | | CHM023, PHY023 | |  | | MITL | |
|  |  | |  | | **Total** | | | | **15.0** | | **18.0** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 4 | 4 | | CHE199R | | ChE INDUSTRY IMMERSION | | | | - | | 40.0 | | 2.0 | | 5th Year Standing | |  | | MITL | |
|  |  | |  | | **Total** | | | | **0.0** | | **40.0** | | **2.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 5 | 1 | | CHE132L | | CHEMICAL ENGINEERING LABORATORY 2 | | | | - | | 4.5 | | 1.0 | | CHE131L | |  | | MITL | |
| 5 | 1 | | CHE141 | | EQUIPMENT DESIGN | | | | 3.0 | | - | | 2.0 | | CHE134P | |  | | MITL | |
| 5 | 1 | | CHE171 | | CHEMICAL REACTION ENGINEERING 1 | | | | 4.5 | | - | | 3.0 | | CHE124, MATH115 | |  | | MITL | |
| 5 | 1 | | CHEELEC01 | | ChE PROFESSIONAL ELECTIVE | | | | 4.5 | | - | | 3.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 1 | | EECO101 | | ENGINEERING ECONOMY | | | | 4.5 | | - | | 3.0 | |  | |  | | MITL | |
| 5 | 1 | | EMGT101 | | ENGINEERING MANAGEMENT | | | | 4.5 | | - | | 3.0 | |  | |  | | MITL | |
|  |  | |  | | **Total** | | | | **21.0** | | **4.5** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 5 | 2 | | CHE142 | | ChE PLANT DESIGN 1 | | | | 3.0 | | - | | 2.0 | | CHE141, EECO101 | |  | | MITL | |
| 5 | 2 | | CHE172 | | CHEMICAL REACTION ENGINEERING 2 | | | | 1.5 | | - | | 1.0 | | CHE171 | |  | | MITL | |
| 5 | 2 | | CHE181 | | ChE LAWS AND ETHICS | | | | 3.0 | | - | | 2.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 2 | | CHE182 | | BIOCHEMICAL ENGINEERING | | | | 4.5 | | - | | 3.0 | | BIO181, , CHE171 | |  | | MITL | |
| 5 | 2 | | CHE184L | | COMPUTER APPLICATIONS IN ChE | | | | - | | 4.5 | | 1.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 2 | | CHEELEC02 | | ChE PROFESSIONAL ELECTIVE | | | | 4.5 | | - | | 3.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 2 | | EMGT102 | | QUANTITATIVE METHODS IN MANAGEMENT | | | | 4.5 | | - | | 3.0 | | EMGT101 | |  | | MITL | |
|  |  | |  | | **Total** | | | | **21.0** | | **4.5** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
| **Year** | **Term** | | **Code** | | **Title** | | | | **Lec Hrs** | | **Lab Hrs** | | **Total Units** | | **Prerequisites** | | **Co-requisites** | | **Servicing College/Dept.** | |
| 5 | 3 | | CHE143 | | ChE PLANT DESIGN 2 | | | | 1.5 | | - | | 1.0 | | CHE142 | |  | | MITL | |
| 5 | 3 | | CHE180 | | PROCESS DYNAMICS AND CONTROL | | | | 4.5 | | - | | 3.0 | | MATH115 | |  | | MITL | |
| 5 | 3 | | CHE183F | | ChE FIELD TRIPS AND SEMINARS | | | | - | | 4.5 | | 1.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 3 | | CHE185 | | INDUSTRIAL WASTE MANAGEMENT AND CONTROL | | | | 4.5 | | - | | 3.0 | | CHE182 | |  | | MITL | |
| 5 | 3 | | CHE198-1 | | ChE CORRELATION 2 | | | | - | | 3.0 | | 1.0 | | CHE132 , CHE134P, CHE150, CHE172, CHE181, CHE182, EECO101, MEC102, MEC103, MSE101 | |  | | MITL | |
| 5 | 3 | | CHEELEC03 | | ChE PROFESSIONAL ELECTIVE 3 | | | | 4.5 | | - | | 3.0 | | 5th Year Standing | |  | | MITL | |
| 5 | 3 | | SS014 | | JOSE RIZAL AND THE DEVELOPMENT OF FILIPINO NATIONALISM | | | | 4.5 | | - | | 3.0 | |  | |  | | CAS | |
|  |  | |  | | **Total** | | | | **19.5** | | **7.5** | | **15.0\*** | |  | |  | |  | |
|  |  | |  | |  | | | |  | |  | |  | |  | |  | |  | |
|  | |  | |  | |  | | *\*PE, NSTP, VE and CORRELATION units are not considered in the computation of TWA and maximum load per term.* | | | | | | | | | | | | |
| **TOTAL NO. OF UNITS: 245** | | | | | | |  | | |  | |  | |  | |  | |  | |  |
| **LESS NON-ACADEMIC UNITS: 223** | | | | | | |  | | |  | |  | |  | |  | |  | |  |