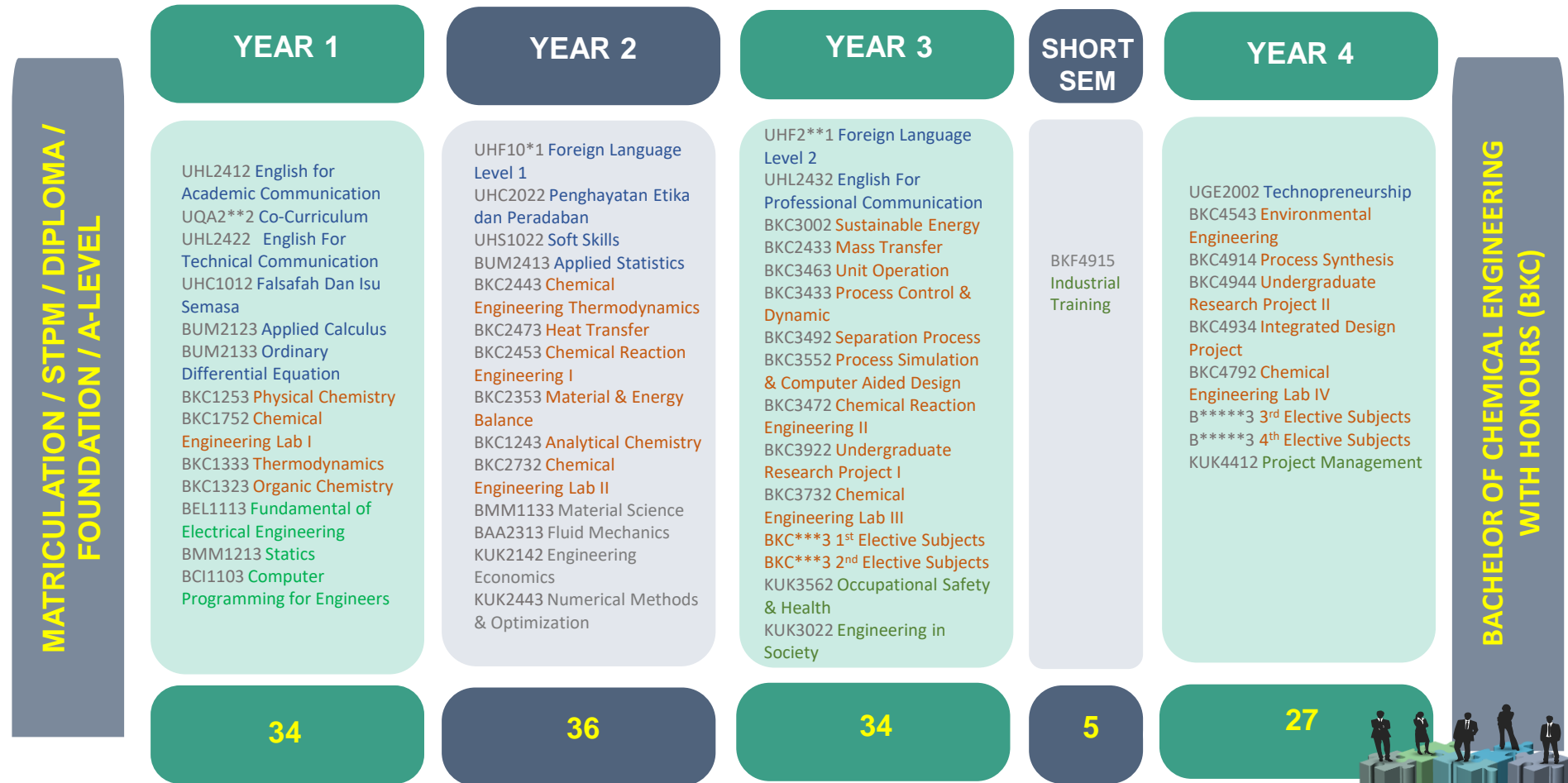


BACHELOR OF CHEMICAL ENGINEERING WITH HONOURS (BKC)-136 CREDITS



MATRICULATION / STPM / DIPLOMA / FOUNDATION / A-LEVEL

YEAR 1

UHL2412 English for Academic Communication
 UQA2**2 Co-Curriculum
 UHL2422 English For Technical Communication
 UHC1012 Falsafah Dan Isu Semasa
 BUM2123 Applied Calculus
 BUM2133 Ordinary Differential Equation
 BKC1253 Physical Chemistry
 BKC1752 Chemical Engineering Lab I
 BKC1333 Thermodynamics
 BKC1323 Organic Chemistry
 BEL1113 Fundamental of Electrical Engineering
 BMM1213 Statics
 BCI1103 Computer Programming for Engineers

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YEAR 2

UHF10*1 Foreign Language Level 1
 UHC2022 Penghayatan Etika dan Peradaban
 UHS1022 Soft Skills
 BUM2413 Applied Statistics
 BKC2443 Chemical Engineering Thermodynamics
 BKC2473 Heat Transfer
 BKC2453 Chemical Reaction Engineering I
 BKC2353 Material & Energy Balance
 BKC1243 Analytical Chemistry
 BKC2732 Chemical Engineering Lab II
 BMM1133 Material Science
 BAA2313 Fluid Mechanics
 KUK2142 Engineering Economics
 KUK2443 Numerical Methods & Optimization

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YEAR 3

UHF2**1 Foreign Language Level 2
 UHL2432 English For Professional Communication
 BKC3002 Sustainable Energy
 BKC2433 Mass Transfer
 BKC3463 Unit Operation
 BKC3433 Process Control & Dynamic
 BKC3492 Separation Process
 BKC3552 Process Simulation & Computer Aided Design
 BKC3472 Chemical Reaction Engineering II
 BKC3922 Undergraduate Research Project I
 BKC3732 Chemical Engineering Lab III
 BKC***3 1st Elective Subjects
 BKC***3 2nd Elective Subjects
 KUK3562 Occupational Safety & Health
 KUK3022 Engineering in Society

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SHORT SEM

BKF4915 Industrial Training

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YEAR 4

UGE2002 Technopreneurship
 BKC4543 Environmental Engineering
 BKC4914 Process Synthesis
 BKC4944 Undergraduate Research Project II
 BKC4934 Integrated Design Project
 BKC4792 Chemical Engineering Lab IV
 B*****3 3rd Elective Subjects
 B*****3 4th Elective Subjects
 KUK4412 Project Management

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