

BSc CHEM/CHEM ENG Curriculum

1st year (144 credits)

Chemistry I
(CHEM1012A)

Math I
Calculus and Algebra
(MATH1034A and
MATH1036A)

Physics I (PHYS1000A)

Engineering Analysis and Design
FEBE1002
FEBE1004

The International Relations of SA
and Africa (INTR1010A)

2nd year (144 credits)

Chemistry II
CHEM2001A
CHEM2002A

Mathematics II
(MATH2011A)

Process Engineering
Fundamentals II
(CHMT2021A)

Computing for Process
Engineering
(CHMT2011A)

Electrical Engineering
Economics concepts
(ELEN2000A)
(ECON1002A)

3rd year (144 credits)

Chemistry III
CHEM3002A
CHEM3002A

Applied Chemistry III
CHEM3033A
CHEM3034A

Process Engineering
Fundamentals
(CHMT2023A)

4th and 5th Year

Two years of Chemical
Engineering

BSc (Science) Degree 1

BSc (Engineering) Degree 2