

# BSc CHEM/CHEM ENG Curriculum

## 1<sup>st</sup> year (144 credits)

Chemistry I  
(CHEM1012A)

Math I  
Calculus and Algebra  
(MATH1034A and  
MATH1036A)

Physics I (PHYS1000A)

Engineering Analysis and  
Design  
FEBE1002  
FEBE1004

Choose 1  
INTR1010A  
AFRL1005  
AFRL1003  
POLS1007A  
SOCL1013A  
SOCL1014A

## 2<sup>nd</sup> year (144 credits)

Chemistry II  
CHEM2038A  
CHEM2039A

Mathematics II  
(MATH2035A)

Process Engineering  
Fundamentals II  
(CHMT2021A)

Computing for Process  
Engineering (CHMT2011A)

Electrical Engineering  
(ELEN2000A)  
Economics concepts  
(ECON1002A)

## 3<sup>rd</sup> 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**