

BSc Chemistry (With Computer Science)

Faculty of Science and Agriculture

University of Zululand

BSc Chemistry

(With Computer Science)

(Qualification code **SCDEGH**)

This is a 3-year qualification consisting of 48 modules.

Year 1			
SFSK011 Life Skills	SSDP012 Descriptive Statistics and Probability	SDCA010 Introduction to computers and operating systems	SGEA014 Introduction to Earth Science
* SCGA011 General Chemistry	* SCPTA12 Physical Chemistry 1A	* SCITA13 Inorganic Chemistry 1A	* SCOTA14 Organic Chemistry 1A
* SMGA010 General Mathematics	* SMAL012 Algebra	* SMCSZ13 Calculus I	* SMCSZ14 Calculus II
* SPGA011 General Physics	* SPHM012 Introduction to Classical Mechanics	* SPHW013 Introduction to Wave Motion and Heat	* SPHE014 Introduction to Electricity and Magnetism

Year 2			
SKNG022 Networking Concepts	SDWP010 Wordprocessing	SDSS010 Spreadsheets	SDIN010 Internet, email and web authoring
AICSA10 Introduction to Computers	SKCA012 Computer Organisation	SKJAA13 Structured Programming	SKJAB14 Programming with Objects
* SCATA21 Theoretical Analytical Chemistry 2	* SCITB22 Theoretical Inorganic Chemistry 2	* SCOTB23 Theoretical Organic Chemistry 2	* SCPTB24 Theoretical Physical Chemistry 2
* SCAPA21 Practical Analytical Chemistry 2	SCIPA22 Practical Inorganic Chemistry 2	* SCOPA23 Practical Organic Chemistry 2	SCPPA24 Practical Physical Chemistry 2

Year 3			
SKDA021 File System Techniques	SKDBA22 Data Management and Database Concept	SKDBB23 Relational Database Design	SKDBC24 Object-Oriented Database
SKSAA21 System Analysis and Design I	SKSAB22 System Analysis and Design II	SKPA021 Programming Languages and their Design	SKPB022 Programming Language Translation
* SCPTC31 Theoretical	* SCATB32 Theoretical Analytical	* SCITC33 Theoretical Inorganic	* SCOTC34 Theoretical Organic

Physical Chemistry 3	Chemistry 3	Chemistry 3	Chemistry 3
*SCPPB31 Practical Physical Chemistry 3	*SCAPB32 Practical Analytical Chemistry 3	*SCIPB33 Practical Inorganic Chemistry 3	*SCOPB34 Practical Organic Chemistry 3

Elective options for BSc Chemistry (With Computer Science)

There are no electives for this qualification.