

BSc Chemistry (With Biochemistry)

Faculty of Science and Agriculture

University of Zululand

BSc Chemistry (With Biochemistry)

(Qualification code **SCDEGB**)

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 Chemistry1A	* 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			
SIBDA14 Biomolecules	SDWP010 Wordprocessing	SDSS010 Spreadsheets	SDIN010 Internet, email and web authoring
SIBDC21 Biomolecules II	SIBFA21 Metabolism I	SIBFB22 Metabolism II	SIBFC23 Metabolism practicals I
* 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			
SIBKA31 Metabolic Regulation	SIBEA22 Enzymology I	SIBEB23 Enzymology II	SIBEC24 Enzymology Practicals
SIBGA21 Gene Expression and Replication I	SIBGB22 Gene Expression and Replication II	SIBLA23 Biotechnology	SIBLB33 Biotechnology practicals
* SCPTC31 Theoretical Physical Chemistry 3	* SCATB32 Theoretical Analytical Chemistry 3	* SCITC33 Theoretical Inorganic Chemistry 3	* SCOTC34 Theoretical Organic Chemistry 3

*SCPPB31 Practical Physical Chemistry 3	*SCAPB32 Practical Analytical Chemistry 3	*SCIPB33 Practical Inorganic Chemistry 3	*SCOPB34 Practical Organic Chemistry 3
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Elective options for BSc Chemistry (With Biochemistry)

There are no electives for this qualification