

**BSc Chemistry (With Botany)**  
**Faculty of Science and Agriculture**  
University of Zululand

## BSc Chemistry

**(With Botany)**

(Qualification code **SCDEGC**)

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

Year 1			
<b>SFSK011</b> Life Skills	<b>SSDP012</b> Descriptive Statistics and Probability	<b>SDCA010</b> Introduction to computers and operating systems	<b>SGEA014</b> Introduction to Earth Science
* <b>SCGA011</b> General Chemistry	* <b>SCPTA12</b> Physical Chemistry 1A	* <b>SCITA13</b> Inorganic Chemistry 1A	* <b>SCOTA14</b> Organic Chemistry 1A
* <b>SMGA010</b> General Mathematics	* <b>SMAL012</b> Algebra	* <b>SMCSZ13</b> Calculus I	* <b>SMCSZ14</b> Calculus II
* <b>SPGA011</b> General Physics	* <b>SPHM012</b> Introduction to Classical Mechanics	* <b>SPHW013</b> Introduction to Wave Motion and Heat	* <b>SPHE014</b> Introduction to Electricity and Magnetism
Year 2			
<b>SIBC031</b> Introduction to Water, etc.	<b>SDWP010</b> Wordprocessing	<b>SDSS010</b> Spreadsheets	<b>SDIN010</b> Internet, email and web authoring
<b>SIMF011</b> Classification of Bacteria and Fungi	<b>SBTA012</b> Cytology, Chemistry and Biochemistry of Plant	<b>SBTB013</b> Morphology of Plants	<b>SBTD014</b> Introduction to Plant Physiology and Genetics
* <b>SCATA21</b> Theoretical Analytical Chemistry 2	* <b>SCITB22</b> Theoretical Inorganic Chemistry 2	* <b>SCOTB23</b> Theoretical Organic Chemistry 2	* <b>SCPTB24</b> Theoretical Physical Chemistry 2
* <b>SCAPA21</b> Practical Analytical Chemistry 2	* <b>SCIPA22</b> Practical Inorganic Chemistry 2	* <b>SCOPA23</b> Practical Organic Chemistry 2	* <b>SCPPA24</b> Practical Physical Chemistry 2

Year 3			
<b>SBTEA21</b> Plant anatomy	<b>SBTHA22</b> Plant Growth and Development	<b>SBTJA23</b> Plant Taxonomy and Bio-diversity	<b>SBTKA24</b> Floral Propagation
<b>SBTEB21</b> Techniques in Plant Anatomy	<b>SBTHB22</b> Practical: Plant Growth and Development	<b>SBTJB23</b> Practical: Plant Taxonomy and Bio-diversity	<b>SBTKB24</b> Practical Floral Propagation
<b>*SCPTC31</b> Theoretical Physical Chemistry 3	<b>*SCATB32</b> Theoretical Analytical Chemistry 3	<b>*SCITC33</b> Theoretical Inorganic Chemistry 3	<b>*SCOTC34</b> Theoretical Organic Chemistry 3
<b>*SCPPB31</b> Practical Physical Chemistry 3	<b>*SCAPB32</b> Practical Analytical Chemistry 3	<b>*SCIPB33</b> Practical Inorganic Chemistry 3	<b>*SCOPB34</b> Practical Organic Chemistry 3

**Elective options for BSc Chemistry (With Botany)**

*There are no electives for this qualification*