



In order to check what you need to graduate with Chemistry as a major in your curriculum, have a look at the following guide. **NOTE:** please refer to the College Handbook for all rules pertaining to any modules. Should you have any enquiries about your degree structure please make an appointment at our Central Teaching Office to meet with one of our Directors of Studies.

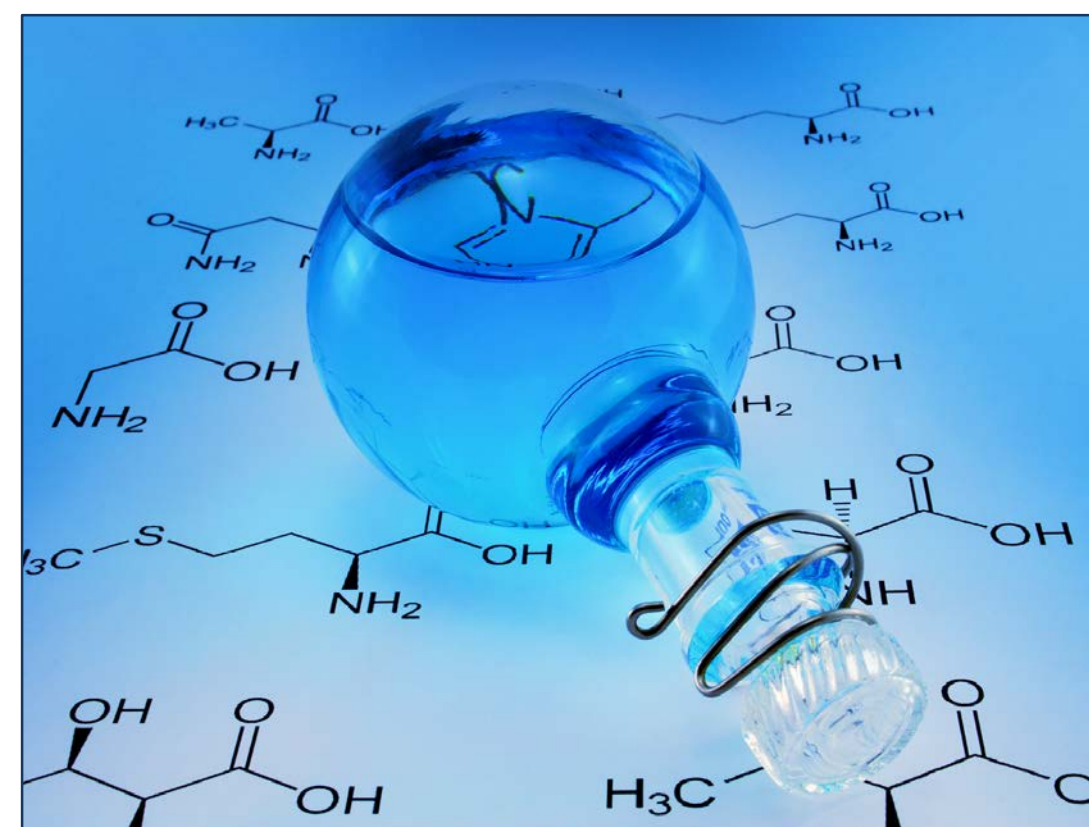
## Chemistry Major

Level 1				
Semester I		Semester II		Substitutes:
Course	Credit	Course	Credit	
CHEM 110	16	CHEM 120	16	<ul style="list-style-type: none"> <li>MATH130 for MATH 150</li> <li>MATH 140 (16C) for MATH 143</li> <li>PHYS 110 for PHYS131</li> <li>PHYS120 for PHYS 133</li> </ul> NOTE: Maximum of 160 L1 credits can be used for degree
MATH 150	16	MATH 143	8	
PHYS 131	16	PHYS 133	8	
Elective	16	Elective	16	
		Elective	16	

Level 1 - Possible electives				
Semester I		Semester II		Substitutes:
Course	Credit	Course	Credit	
BIOL101	16	BIMI120	16	<ul style="list-style-type: none"> <li>BIOL101/BIMI120 - gets you into life sciences major</li> <li>GEOG110/ENVS120 - gets you into environmental sciences major</li> </ul>
STAT130	16	ENVS120	16	
GEOG110	16	COMP106	16	

**NOTE:** The School recommends that those students that need to do an approved isiZulu module (See handbook rule BR9) should consider doing this during their second year of studies.

Level 2				
Semester I		Semester II		
Course	Credit	Course	Credit	
CHEM 210	16	CHEM 230	16	<ul style="list-style-type: none"> <li>CHEM 110 &amp; CHEM 120 (55%) must be passed</li> <li>Minimum of 96C must be obtained at Level 2</li> <li>24C of MATH at level 1 required in order to register for CHEM 230</li> </ul>
CHEM 220	16	Major	16	
Major	16	Major	16	
Elective	16	Elective	16	
		Elective	16	



Level 3				
Semester I		Semester II		
Course	Credit	Course	Credit	
CHEM 330	16	CHEM 310	16	<ul style="list-style-type: none"> <li>CHEM 220, 210 &amp; CHEM 230 must be passed</li> <li>24C in PHYS Level 1 required in order to register for CHEM 330 and CHEM 340</li> <li>Minimum of 128C must be obtained at Level 3</li> </ul>
CHEM 340	16	CHEM 320	16	
Major	16	Major	16	
Major	16	Major	16	
		Major	16	

## Chemistry & Chemical Technology

Level 1				
Semester I		Semester II		Substitutes:
Course	Credit	Course	Credit	
CHEM 110	16	CHEM 120	16	<ul style="list-style-type: none"> <li>MATH130 for MATH 150</li> <li>MATH 140 (16C) for MATH 143</li> <li>PHYS 110 for PHYS131</li> <li>PHYS120 for PHYS 133</li> </ul> NOTE: Maximum of 160 L1 credits can be used for degree
MATH 150	16	MATH 143	8	
PHYS 131	16	PHYS 133	8	
Elective	16	Stats 130	16	
		Elective	16	

Level 2				
Semester I		Semester II		
Course	Credit	Course	Credit	
CHEM 210	16	CHEM 230	16	<ul style="list-style-type: none"> <li>CHEM 110 &amp; CHEM 120 (55%) must be passed</li> <li>Minimum of 96C must be obtained at Level 2</li> <li>24C of MATH at level 1 required in order to register for CHEM 230</li> </ul>
CHEM 220	16	CTEC 233	16	
Elective	16	Elective	16	
Elective	16	Elective	16	
		Elective	16	

Level 3				
Semester I		Semester II		
Course	Credit	Course	Credit	
CHEM 330	16	CHEM 310	16	<ul style="list-style-type: none"> <li>CHEM 220, 210, 230 &amp; CTEC 233 must be passed</li> <li>24C in PHYS Level 1 required in order to register for CHEM 330 and CHEM 340</li> <li>40% in CHEM 330 required for CTEC 343</li> <li>Minimum of 128C must be obtained at Level 3</li> </ul>
CHEM 340	16	CHEM 320	16	
CTEC 340	16	CTEC 313	16	
CTEC 333	16	CTEC 343	16	
		CTEC 343	16	