

BACHELOR OF SCIENCE IN APPLIED GEOLOGY (3214)

B.1 ADMISSION

Unless Senate decides otherwise, a student shall be required to meet the following criteria to be enrolled for the **Bachelor of Science in Applied Geology Degree – BSc (Applied Geology)**:

B.1.1 Minimum admission requirements for applicants who matriculated from 2008

- (a) The National Senior Certificate for Bachelor's Degree study with a score of no fewer than 33 points calculated according to the University's approved points system, as well as the following specific subject requirements:
- Level 4 (50-59%) in English (Home or First Additional Language), and
 - Level 3 (40-49%) in another Language (Home or First Additional Language), and
 - Level 4 (50-59%) in Mathematics, and
 - Level 4 (50-59%) in Physical Sciences

B.1.2 Minimum admission requirements for applicants who matriculated before 2008

- (a) Unless Senate decides otherwise, an applicant shall not be admitted to any of the Bachelor of Science programmes without having obtained a full matriculation or age exemption. Furthermore, an applicant shall not be admitted to any of the Bachelor of Science programmes if s/he has not obtained a pass in Mathematics and either Physical Science or Biology at Higher grade with at least a D symbol or at Standard grade with at least a C symbol.

OR

- (b) A qualification or level of competence that the Senate of the University has deemed to be equivalent to the requirements stipulated in (a) above.

B.1.3 Alternative admission

Alternative admission does not apply to this programme.

B.2 SELECTION

Final selection shall be based on an applicant meeting the criteria as determined by the Faculty.

B.3 DURATION

Unless Senate decides otherwise, the duration of the degree is three years.

B.4 CURRICULUM

B.4.1 Level 1

Module Name	Module Code	Credits
Compulsory (select all groups)		
Group 1 (select all modules)		
Earth Science 111	ESC111	15
Earth Science 121	ESC121	15
Group 2 (select one module)		
Computing Fundamentals 114	COS114	15
Computing Fundamentals 124	COS124	15
Group 3 (select one module)		
English for Educational Development 117	EED117	15
English for Educational Development 127	EED127	15
Group 4 (select all modules)		
Chemistry 114 (N)	CHE114	15
Chemistry 124 (N)	CHE124	15
Group 5 (select all modules)		
Physics 116	PHY116	15
Physics 126	PHY126	15
Group 6		
Mathematics 115 (N)	MAM115	15
	Total	135

B.4.2 Level 2

Module Name	Module Code	Credits
Compulsory (select all modules)		
Geology 232	APG232	20
Geology 234	APG234	20
Geology 235	APG235	20
Chemistry 211	CHM211	20
Chemistry 212	CHM212	20
	Sub-total	100
Electives (select one module)		
Environmental and Water Science 211	EWP211	20
Environmental and Water Science 221	EWP221	20
	Sub-total	20
	Total	120

B.4.3 Level 3

Module Name	Module Code	Credits
Compulsory (select all modules)		
Geology 311	APG311	30
Geology 312	APG312	30
Geology 321	APG321	30
Geology 322	APG322	30
	Total	120
	FINAL TOTAL	375

B.5 ASSESSMENT

B.5.1 Assessment is governed by Rule A.5 as stipulated in the General Calendar: General Information Part 1 in addition to the following:

B.5.2 Sub–minimum requirement

A sub-minimum of 40% is required in the practical part for modules which include a practical component.

B.5.3 Weighting of practical component

B.5.3.1 The percentage of the total marks allocated to the practical examination where it forms part of the theory evaluation shall not exceed 50%.

B.5.3.2 For the purpose of promotion, the practical component shall not be credited independently of the theory component of a particular module.

B.5.4 Final mark

Except where otherwise indicated, the final mark shall be obtained by means of a system of continuous evaluation, which will differ from module to module, combined with examinations, as indicated in the University's Assessment Policy.

B.5.5 Re-evaluation of practical components

No re-evaluation will be allowed for practical components that are evaluated on a continuous basis.

B.5.6 Attendance of practicals

In the programme Medical Biosciences and Biotechnology, a minimum attendance of 80% of the practicals is required to gain access to the examination, in addition to the 40% sub-minimum requirement needed for the coursework mark.

B.6 PROMOTION RULES

Unless Senate decides otherwise and subject to Rule A.3.2.3 or as provided for in the Faculty rules:

B.6.1 Level 1

A student shall promote to Level 2 of study when 105 credits have been obtained of the 135 credits required in Level 1 of study, and when all pre-requisites for admission to Level 2 modules have been met.

B.6.2 Level 2

A student shall promote to Level 3 of study when at least a total of 215 credits have been obtained and when all 135 credits of Level 1 of study have been obtained.

B.7 ADVANCE REGISTRATION

B.7.1 Notwithstanding the above, in consultation with the faculty a student who has not obtained sufficient credits to promote may register for modules at the next level, provided all pre-requisites for the next level module have been met and no timetable clashes occur as a result of this registration.

B.7.2 Level 1

A student who has obtained at least 75 credits at Level 1 of study may be allowed to register for a maximum of 40 credits at Level 2.

B.7.3 Level 2

B.7.3.1 A student who has obtained at least 80 credits at Level 2 of study may be allowed to register for a maximum of 60 credits at Level 3.

Please Note:

A student must complete all Level 1 modules before registering for Level 3 modules.

B.8 RENEWAL OF REGISTRATION

B.8.1 Renewal of registration shall be governed by Rule A.3.2.3, as stipulated in the University Calendar: General Information Part 1 or as provided for in the faculty rules as contained in this Calendar.

B.8.2 Unless Senate decides otherwise, a student who is academically refused in terms of Rule A.3.2.3 may apply in writing to the Dean for renewal of registration if s/he can provide evidence of extenuating circumstances which impacted on his/her academic performance, and can show that these circumstances have changed to the extent that success upon re-registration can reasonably be expected.

Please Note: This rule may only be invoked once in the entire duration of the degree programme.

B.9 SPECIAL REQUIREMENTS FOR THE PROGRAMME

B.9.1 Modules from other faculties

B.9.1.1 A maximum of 30 credits in modules from other faculties shall be permitted, except for Computer Science students who shall be allowed to take Information Systems as a module in his/her programme.

B.9.1.2 At least 100 of the total number of credits obtained at Levels 2 and 3 of study shall be from the same programme.

B.9.1.3 Computing Fundamentals (COS114 **or** COS124) and English for Educational Development (EED117 **or** EED127): These are compulsory, credit-bearing modules, comprising one semester module for COS and one semester module for EED.

B.9.2 Exemption from COS and/or EED

A student, who has developed these skills, may apply to the faculty for exemption from this requirement, subject to the general rules of the University. The process to determine his/her level of competency in these modules may involve one or more assessments.

When exempted, such a student must replace these modules with other modules of his/her choice to the same credit value.

B.9.3 Restriction on choice of modules

The following limitations apply to modules that can be credited towards obtaining a degree or certificate. Credit shall not be granted for:

B.9.3.1 Chemistry: (CHE114 and CHE124) **or** (CHE116 and CHM126).

B.9.3.2 Physics: PHY111 and PHY121) **or** (PHY116 and PHY126) **or** (PHY112 and PHY113 and PHY116) **or** (PHY151 and PHY152).

B.9.3.3 Mathematics: MAT105 **or** MAM115 **or** (MAT103 and MAT104) **or** (MAM151 and MAM152).

B.9.3.4 Statistics: STA111 **or** STA125 **or** STA151 **or** BUS131 **or** BUS132 **or** STA141 **or** STA142.

B.9.3.5 A student may not claim credits for modules passed prior to 1999.

B.9.4 Endorsed Degree

B.9.4.1 In order to obtain an “endorsed degree” a student must obtain at least 240 credits in the compulsory modules of the degree.

B.9.4.2 A student who does not fulfil this criterion may be awarded a BSc degree (not endorsed) provided s/he has completed 130 credits in a major module (i.e. at Levels 1, 2 and 3 of study) and has accumulated a total of 360 credits, with at least 120 credits at each year level.