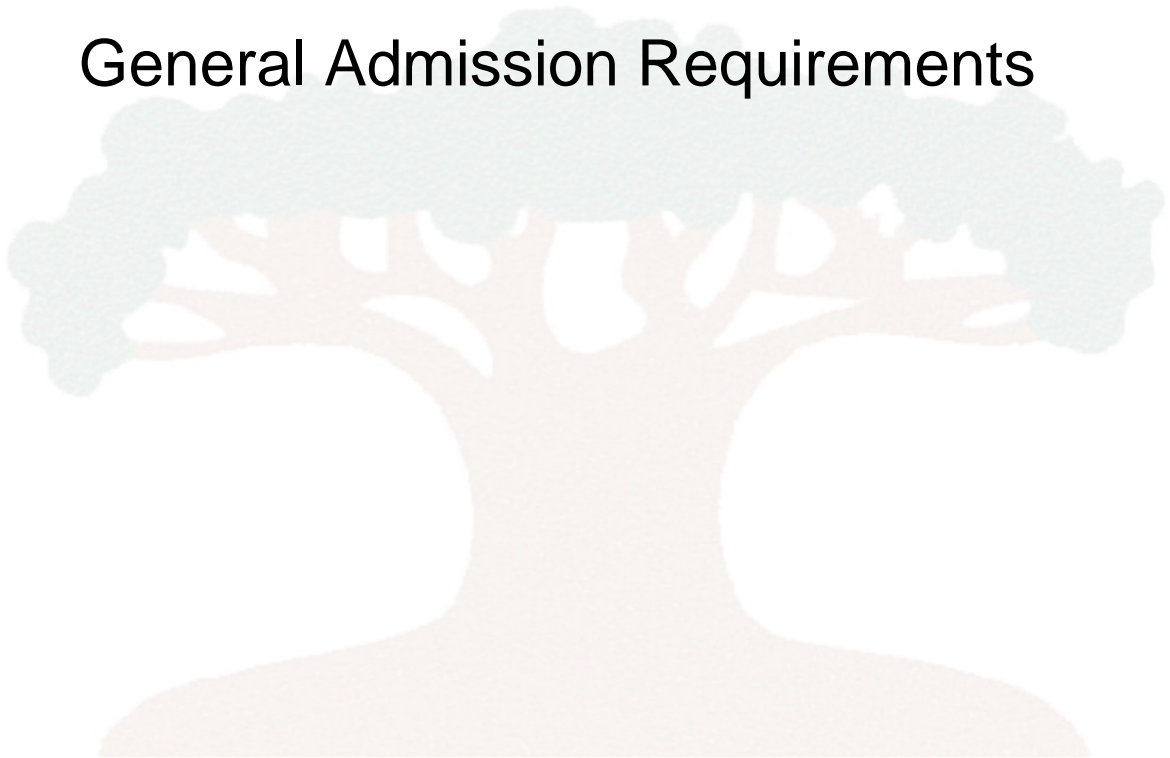




# University of Limpopo (UL)

## General Admission Requirements



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## POLICY PARTICULARS

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Date of Approval by Council:

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Revision internally or externally: Internally

Level Applicable: The University Community

Responsibility

- Implementation and Monitoring: DVC: Academic and Research, Executive Deans, Director of Quality Assurance
- Review and Revision: May 2015

## **GENERAL ADMISSION REQUIREMENTS**

### **1.1 National Senior Certificate (NSC) with Bachelor exemption**

Prospective students, with an NSC, who wish to gain entry to any undergraduate programme at the University of Limpopo, should comply with the following:

- Life Orientation with an achievement level of at least three (3).
- Aligned with the language policy of the university, English as a language of learning and teaching with an achievement level of at least three (3).
- The required minimum levels of achievement in specific subjects as stipulated in the Calendars of each Faculty, provided that:
  - Four 20-credit subjects were achieved with a minimum NSC achievement level of four (4) for degree programmes and
  - Four 20-credit subjects were achieved with a minimum NSC achievement level of three (3) for diploma programmes.
- The required Admission Point Score (APS) as stipulated in the Calendars of each Faculty.

**Meeting the minimum APS for a particular programme does not, however, guarantee admission.**

### **1.2 Matriculation Certificate (prior 2008)**

- Students, who successfully completed Grade 12 before 2008, can apply for admission to the University with the normal Grade 12 Senior Certificate with full university exemption by converting their grade symbols to an APS.

### **1.3 National Certificate (Vocational)**

- Students who have successfully completed a National Certificate Vocational NC(V) Level 4 qualification will require the following and will be subject to Faculty Admission Specifications and Placement Tests:
  - NC(V) level 4 certificate with 3 fundamental subjects 60% (Life Orientation included) and 4 relevant vocational subjects at 70% for degree programmes.
  - NC(V) level 4 certificate with 3 fundamental subjects 50% (Life Orientation included) and 3 compulsory vocational subjects at 60% for diploma programmes.

#### 1.4 The Admission Point Score (APS) system

The system is a simple calculation, using your NSC or Grade 12 university exemption results, which can be done by any prospective student to determine if he/she meets the minimum requirements to gain entry into:

- The University of Limpopo  
and
- A specific programme of choice offered by a Faculty within the University.

**Meeting the minimum APS for a particular programme does not, however, guarantee admission.**

The calculation is done by the addition of the achievement levels in six (6) recognised 20 credit subjects as stipulated by specific requirements of the Faculties. Achievement levels are as follows (Note Life Orientation is not used in the APS calculation):

<b>NSC Achievement Level</b>	<b>NSC %</b>	<b>Senior Certificate Higher Grade</b>	<b>Senior Certificate Standard Grade</b>	<b>APS</b>	<b>NC(V)</b>
7	80-99	A		7	5
6	70-79	B	A	6	4
5	60-69	C	B	5	3
4	50-59	D	C	4	3
3	40-49	E	D	3	2
2	30-39	F	E	2	1
1	0-29	G	F	1	1

The following is an example of an APS calculation:

School subject	NSC Achievement level	Senior certificate (Higher grade)	APS
Language 1	4	D	4
Language 2	4	D	4
Mathematics	6	B	6
Physical Science	6	B	6
Life Science	7	A	7
Accounting	2	F	2
<b>APS Total</b>			<b>29</b>

## 2. Qualifications other than the NSC

Prospective students should get verification of the qualification from Higher Education South Africa (HESA). More information can be obtained from [www.hesa.org.za](http://www.hesa.org.za). Prospective students with matriculation qualifications from outside the borders of South Africa, can also contact the International Office on +27 (0) 15 268 3046.

### APS Conversion Table for Non- NSC examinations.

APS	NSC	IGCSE/ GCSE/ NSSCO-Level	HIGCSE/ NSSC HL	AS Level	A-Level	IB-HL	IB-SL
10					A	7	
9							
8	8 (90-100)				B	6	
7	7 (80-89%)		1	A	C	5	7
6	6 (70-79%)		2	B	D	4	6
5	5 (60-69%)	A	3	C	E		5
4	4 (50-59%)	B	3	D			4
3	3 (40-49%)	C	4	E			3

2	2 (30-39%)	D/E					2
1	1 (0-29%)	F/G					1
NSC – National Senior Certificate (completed Grade 12 in and after 2008) IGCSE – International General Certificate of Secondary Education NSSC – Namibia Senior Secondary Certificate HIGCSE – Higher International General Certificate of Secondary Education A Level Advanced level O Level – Ordinary Level AS – Advanced subsidiary IB-HL International Baccalaureate Higher Level IB-SL International Baccalaureate Standard Level							

### 3. Placement Test

The University of Limpopo will conduct National Benchmarking Tests for prospective students. The results of the test will be used for research in terms of student profiles and for allocation of appropriate support.

### 4. Extended Curriculum Programmes (ECP)

The extended curriculum programmes offered at the University are linked to the corresponding approved regular undergraduate degree programmes, but allow students an additional year to achieve the learning outcomes. Results of the Placement Tests are of particular relevance to gain access into these programmes.

## 5. University of Limpopo Faculty Requirements

5.1 (a) Faculty of Humanities											
+27 (0) 15 268 2687/ 2415											
School	Possible Career Opportunities	Years of Study	Required Subjects								
			Life Orientation	English	Language (Sepedi; Tshivenda; Xitsonga; English)	Mathematics	Physical Science or Life Science	Two (2) Subjects from Geography, History Sepedi, Tshivenda, and Xitsonga	Two (2) subjects from Accounting, Economics and Business studies	Additional Subjects	APS
EDUCATION	<b>Bachelor of Education Senior Phase &amp; FET (majoring in Languages and Life Orientation)</b>										
	<ul style="list-style-type: none"> <li>Life Orientation Teacher</li> <li>Language Teacher</li> <li>Research Assistant</li> <li>Laboratory Assistant</li> </ul>	4	5 (60-69%)		4 (50-59%)					Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Education Senior Phase &amp; FET (majoring in Languages and Social Sciences)</b>										
	<ul style="list-style-type: none"> <li>Social Science Teacher</li> <li>Language Teacher</li> <li>Research Assistant</li> <li>Laboratory Assistant</li> </ul>	4		3 (40-49%) <b>OR</b> 4 (50-59%) to major in English				4 (50-59%)		Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Education Senior Phase &amp; FET (majoring in Economics and Management Studies)</b>										
<ul style="list-style-type: none"> <li>Accounting Teacher</li> <li>Business Economics Teacher</li> <li>Economics Teacher</li> <li>Research Assistant</li> <li>Laboratory Assistant</li> </ul>	4		3 (40-49%)					4 (50-59%)	Additional subjects to contribute to minimum APS total	24	
<b>Bachelor of Education Senior Phase &amp; FET (majoring in Mathematics, Science &amp; Technology)</b>											
<ul style="list-style-type: none"> <li>Mathematics Teacher</li> <li>Life Sciences Teacher</li> <li>Technology Teacher</li> <li>Physical Sciences Teacher</li> <li>Research Assistant</li> <li>Laboratory Assistant</li> </ul>	4		3 (40-49%)		4 (50-59%)	4 (50-59%)			Additional subjects to contribute to minimum APS total	24	
5.1 (b) Faculty of Humanities											
+27 (0) 15 268 2683 / 2230											
School	Possible Career Opportunities	Years of Study	Required Subjects					APS			
			English	Additional Language	Mathematics <u>OR</u> Mathematical Literacy	Three (3) *(Five(5)) Additional subjects					
SOCIAL SCIENCES	<b>Bachelor of Arts (Criminology and Psychology stream)</b>										
	<ul style="list-style-type: none"> <li>Psychometrist</li> <li>Trauma Counsellor</li> <li>Employee Assistance Practitioner</li> <li>Counsellor (guidance)</li> <li>Criminologist</li> <li>Police</li> <li>Crime scene expert</li> <li>Correctional Officer</li> <li>Metro police</li> <li>Private investigator</li> </ul>	3	4 (50-59%)	4 (50-59%)	3 (40-49%) <b>OR</b> 5 (60-69%)	4 (50-59%)	23/25				
	<b>Bachelor of Arts (Cultural Studies stream)</b>										
<ul style="list-style-type: none"> <li>Development Officer</li> <li>Cultural Officer</li> <li>Heritage Officer</li> <li>Museum Curator</li> <li>Records Officer</li> <li>Knowledge Management Officer</li> <li>Community Officer</li> </ul>	3	4 (50-59%)	4 (50-59%) Should an African Language be chosen as an elective the additional Language should be from the following group: Northern Sotho, Tshivenda or Xitsonga	3 (40-49%) <b>OR</b> 5 (60-69%)	4 (50-59%)	23/25					
<b>Bachelor of Arts (Sociology and Anthropology stream)</b>											

<ul style="list-style-type: none"> <li>Labour relations specialist</li> <li>Social policy analyst</li> <li>Community development officer</li> <li>Outreach coordinator</li> <li>Research officer</li> <li>Population analyst</li> </ul>	3	4 (50-59%)	4 (50-59%)	3 (40-49%) <b>OR</b> 5 (60-69%)	4 (50-59%)	23/25
<b>Bachelor of Arts (Political Studies stream)</b>						
<ul style="list-style-type: none"> <li>Political Analysts</li> <li>Politicians</li> </ul>	3	4 (50-59%)			Additional subjects to contribute to minimum APS total	25
<b>Bachelor of Arts in Social Work</b>						
<ul style="list-style-type: none"> <li>Social Worker</li> <li>Counsellor</li> <li>Employee Assistance Practitioner</li> </ul>	4	4 (50-59%)	4 (50-59%)	3 (40-49%) <b>OR</b> 5 (60-69%)	4 (50-59%)	23/25
<b>Bachelor of Psychology</b>						
<ul style="list-style-type: none"> <li>Psychometrist</li> <li>Counsellor (Trauma)</li> <li>Employee Assistance Practitioner</li> <li>Counsellor (Guidance)</li> </ul>	4	4 (50-59%)	4 (50-59%)	3 (40-49%) <b>OR</b> 5 (60-69%)	4 (50-59%)	23/25
<b>Bachelor of Arts (Criminology and Psychology stream) Extended Curriculum Programme</b>						
<ul style="list-style-type: none"> <li>Psychometrist</li> <li>Trauma Counsellor</li> <li>Employee Assistance Practitioner</li> <li>Counsellor (guidance)</li> <li>Criminologist</li> <li>Police</li> <li>Crime scene expert</li> <li>Correctional Officer</li> <li>Metro police</li> <li>Private investigator</li> </ul>	4	4 (50-59%)	4 (50-59%)	2 (30-39%) <b>OR</b> 4 (50-59%)	4 (50-59%)	22/24



## 5.1 (c) Faculty of Humanities

**+27 (0) 15 268 2613/2280**

School	Possible Career Opportunities	Years of Study	Required Subjects			APS
			English	Another Language (Northern Sotho/Tshivenda/ Xitsonga)	Additional Subjects	
<b>LANGUAGES &amp; COMMUNICATION STUDIES</b>	<b>Bachelor of Arts (Languages stream)</b>					
	<ul style="list-style-type: none"> <li>• Language Practitioner</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25
	<b>Bachelor of Arts (Translation and Linguistics stream)</b>					
	<ul style="list-style-type: none"> <li>• Language Practitioner</li> <li>• Interpreter</li> <li>• Translator</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25
	<b>Bachelor of Arts (Performing Arts stream)</b>					
	<ul style="list-style-type: none"> <li>• Performing Artist</li> <li>• Dramatist</li> <li>• Script Writer</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25
	<b>Bachelor of Information Studies</b>					
	<ul style="list-style-type: none"> <li>• Indexer</li> <li>• Abstracter</li> <li>• Information Consultant</li> <li>• Information Analyst</li> <li>• Information Specialist</li> <li>• Librarian</li> </ul>	4	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25
	<b>Bachelor of Arts in Contemporary English and Multilingual Studies</b>					
	<ul style="list-style-type: none"> <li>• Bilingual Expert</li> <li>• Translator and Interpreter</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%) (English and Northern Sotho only)		Additional subjects to contribute to minimum APS total	25
<b>Bachelor of Arts in Communication Studies</b>						
<ul style="list-style-type: none"> <li>• Public Relations Officer</li> <li>• Communications Practitioner</li> <li>• Marketing Manager</li> <li>• Sales Promoter</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25	
<b>Bachelor of Arts in Media Studies</b>						
<ul style="list-style-type: none"> <li>• Radio Broadcasting</li> <li>• Newspaper and Magazine Editor</li> <li>• Journalist</li> <li>• Radio and Film Producer</li> <li>• Marketing Manager</li> <li>• Radio and TV Announcer</li> <li>• Information Technologist</li> <li>• Media Economist</li> </ul>	3	4 (50-59%) <b>AND</b> 5 (60-69%)		Additional subjects to contribute to minimum APS total	25	
<b>Bachelor of Arts in Media Studies Extended Curriculum Programme</b>						
<ul style="list-style-type: none"> <li>• Radio Broadcasting</li> <li>• Newspaper and Magazine Editor</li> <li>• Journalist</li> <li>• Radio and Film Producer</li> <li>• Marketing Manager</li> <li>• Radio and TV Announcer</li> <li>• Information Technologist</li> <li>• Media Economist</li> </ul>	4	4 (50-59%) <b>AND</b> 4 (50-59%)		Additional subjects to contribute to minimum APS total	23	

## 5.2 (a) Faculty of Management & Law

**+27 (0) 15 268 2630**

School	Possible Career Opportunities	Years of Study	Required Subjects			APS
			English	Mathematics	Additional Subjects	
<b>ACCOUNTANCY</b>	<b>Bachelor of Accountancy</b>					
	<ul style="list-style-type: none"> <li>• Management Accountants</li> <li>• Internal Auditors</li> <li>• Tax Consultants</li> <li>• Business Entrepreneurs</li> <li>• Accountants</li> </ul>	4	4 (50-59%)	4 (50-59%)	Additional subjects to contribute to minimum APS total	<b>30</b>
	<b>Bachelor of Commerce (Accounting stream)</b>					
	<ul style="list-style-type: none"> <li>• Internal Auditors</li> <li>• Consultants</li> <li>• Business Entrepreneurs</li> <li>• Accountants</li> </ul>	3	4 (50-59%)	4 (50-59%)	Additional subjects to contribute to minimum APS total	<b>28</b>
<b>Bachelor of Commerce (Accounting stream) Extended Curriculum Programme</b>						
<ul style="list-style-type: none"> <li>• Internal Auditors</li> <li>• Consultants</li> <li>• Business Entrepreneurs</li> <li>• Accountants</li> </ul>	4	4 (50-59%)	4 (50-59%)	Additional subjects to contribute to minimum APS total	<b>26</b>	

## 5.2 (b) Faculty of Management & Law

**+27 (0) 15 268 2641/2424**

School	Possible Career Opportunities	Years of Study	Required Subjects				Additional Subjects	APS
			English	Mathematics OR (*Mathematical Literacy)	Economics			
<b>ECONOMICS &amp; MANAGEMENT</b>	<b>Bachelor of Commerce (Business Management or Human Resources streams)</b>							
	<ul style="list-style-type: none"> <li>• Financial Officers</li> <li>• Marketing Officers</li> <li>• Human Resource Practitioner</li> <li>• Purchasing Officers</li> <li>• Business Entrepreneurs</li> </ul>	3	4 (50-59%)	3 (40-49%)		Additional subjects to contribute to minimum APS total	26	
	<b>Bachelor of Commerce (Business Management or Human Resources streams) Extended Curriculum Programmes</b>							
	<ul style="list-style-type: none"> <li>• Financial Officers</li> <li>• Marketing Officers</li> <li>• Human Resource Practitioner</li> <li>• Purchasing Officers</li> <li>• Business Entrepreneurs</li> </ul>	4	4 (50-59%)	3 (40-49%)		Additional subjects to contribute to minimum APS total	22	
	<b>Bachelor of Commerce (Economics stream)</b>							
	<ul style="list-style-type: none"> <li>• Economists</li> <li>• Consultants</li> <li>• Business Entrepreneurs</li> </ul>	3	4 (50-59%)	3 (40-49%)	4 (50-59%)	Additional subjects to contribute to minimum APS total	26	
	<b>Bachelor of Commerce (Economics stream) Extended Curriculum Programme</b>							
	<ul style="list-style-type: none"> <li>• Economists</li> <li>• Consultants</li> <li>• Business Entrepreneurs</li> </ul>	4	4 (50-59%)	3 (40-49%)	4 (50-59%)	Additional subjects to contribute to minimum APS total	22	
	<b>Bachelor of Administration</b>							
	<ul style="list-style-type: none"> <li>• Local Government Practitioners</li> <li>• Public Relations Practitioners</li> <li>• Consultants</li> </ul>	3	4 (50-59%)			Additional subjects to contribute to minimum APS total	26	
<b>Bachelor of Administration in Local Government</b>								
<ul style="list-style-type: none"> <li>• Project Managers</li> <li>• Local Government Officers</li> <li>• Consultants</li> </ul>	3	4 (50-59%)			Additional subjects to contribute to minimum APS total	26		
<b>Bachelor of Development in Planning and Management</b>								
<ul style="list-style-type: none"> <li>• Development &amp; Environmental Managers</li> <li>• Facilitators</li> <li>• Planners</li> <li>• Managers with specialised Skills in Development Project Design</li> </ul>	3	4 (50-59%)	3 (40-49%) <b>OR</b> *5 (60-69%)		4 (50-59%)  (Each additional subject requires a subminimum of)	26		

## 5.2 (c) Faculty of Management & Law

**+27 (0) 15 268 2686**

Required Subjects					
School	Possible Career Opportunities	Years of Study	English*	Additional Subjects	APS
LAW	<b>Bachelor of Laws</b>				
	<ul style="list-style-type: none"> <li>• Judge, Magistrate</li> <li>• Advocate, Attorney</li> <li>• Director of Public Prosecution</li> <li>• Registrar, Master of High Court</li> <li>• Legal Advisor</li> <li>• Legal Administrative Officer</li> <li>• Labour Consultant</li> <li>• Commissioner</li> </ul>	4	5 (60-69%)	Additional subjects to contribute to minimum APS total	30
	<b>Bachelor of Laws (Extended Curriculum Programme)</b>				
	<ul style="list-style-type: none"> <li>• Judge, Magistrate</li> <li>• Advocate, Attorney</li> <li>• Director of Public Prosecution</li> <li>• Registrar, Master of High Court</li> <li>• Legal Advisor</li> <li>• Legal Administrative Officer</li> <li>• Labour Consultant</li> <li>• Commissioner</li> </ul>	5	5 (60-69%)	Additional subjects to contribute to minimum APS total	26
* A score of 4 (50-59%) for English Home Language will be accepted					

## 5.3 (a) Faculty of Science & Agriculture

**+27 (0) 15 268 2203/2190**

School	Possible Career Opportunities	Years of Study	Required Subjects								APS
			English	Mathematics	Physical Science	Life Science	Geography	Agricultural Subject	Additional Subjects		
<b>AGRICULTURE AND ENVIRONMENTAL SCIENCES</b>	<b>Bachelor of Agricultural Management</b>										
	<ul style="list-style-type: none"> <li>• Agricultural Extension Offers</li> <li>• Agricultural Officers</li> <li>• Farm Manager</li> <li>• Agriculture Technician</li> <li>• Research Assistant</li> </ul>	3	4 (50-59%)	3 (40-49%)			4 (50-59%)		4 (50-59%)	Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Science in Agriculture in Agricultural Economics</b>										
	<ul style="list-style-type: none"> <li>• Public &amp; Private Sectors:                             <ul style="list-style-type: none"> <li>▪ Agricultural Economist</li> <li>▪ Agri-Business Managers</li> <li>▪ Agricultural Policy Analysts</li> <li>▪ Farm Managers</li> <li>▪ Consultants</li> </ul> </li> </ul>	4	4 (50-59%)	4 (50-59%)			4 (50-59%)			Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Science in Agriculture in Plant Production</b>										
	<ul style="list-style-type: none"> <li>• Public &amp; Private Sectors:                             <ul style="list-style-type: none"> <li>▪ Agronomists</li> <li>▪ Plant Breeders</li> <li>▪ Farm Managers</li> <li>▪ Consultants</li> </ul> </li> </ul>	4	4 (50-59%)	4 (50-59%)	4 (50-59%)	4 (50-59%)				Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Science in Agriculture in Animal Production</b>										
	<ul style="list-style-type: none"> <li>• Public &amp; Private Sectors:                             <ul style="list-style-type: none"> <li>▪ Marketing Officers in Processing, Distribution and Marketing of Livestock Products</li> <li>▪ Livestock Scientists</li> <li>▪ Animal Breeders &amp; Nutritionists</li> <li>▪ Farm Managers</li> <li>▪ Consultants</li> </ul> </li> </ul>	4	4 (50-59%)	4 (50-59%)	4 (50-59%)	4 (50-59%)				Additional subjects to contribute to minimum APS total	24
	<b>Bachelor of Science in Agriculture in Soil Science</b>										
<ul style="list-style-type: none"> <li>• Public &amp; Private Sectors:                             <ul style="list-style-type: none"> <li>▪ Soil Scientists</li> <li>▪ Laboratory Managers</li> <li>▪ Soil Analysts</li> </ul> </li> </ul>	4	4 (50-59%)	4 (50-59%)	5 (60-69%)	4 (50-59%)				Additional subjects to contribute to minimum APS total	25	
<b>Bachelor of Science in Environmental &amp; Resource Studies</b>											
<ul style="list-style-type: none"> <li>• Public &amp; Private Sectors:                             <ul style="list-style-type: none"> <li>▪ Environmental Officers</li> <li>▪ Development Planners</li> <li>▪ Cartographers</li> </ul> </li> </ul>	4	4 (50-59%)	4 (50-59%)			4 (50-59%)	4 (50-59%)		Additional subjects to contribute to minimum APS total	24	
<b>Bachelor of Science in Community Water Services &amp; Sanitation</b>											
<ul style="list-style-type: none"> <li>• Water Supply &amp; Sanitation Technologist</li> <li>• Community Water Supply Project Planner</li> <li>• Community Sanitation Project Manager</li> <li>• Water Catchment Manager</li> <li>• Water Resources Planner</li> <li>• Water Treatment Plant Manager</li> <li>• Waste Water Treatment Manager</li> </ul>		4 (50-59%)	4 (50-59%)	4 (50-59%)	4 (50-59%)				Additional subjects to contribute to minimum APS total	24	

### 5.3 (b) Faculty of Science & Agriculture

+27 (0) 15 268 4894/2459

School	Possible Career Opportunities	Years of Study	Required Subjects				APS
			English	Mathematics	Additional Subjects		
MATHEMATICAL AND COMPUTER SCIENCES	<b>Bachelor of Science (Mathematical Sciences stream)</b>						
	<ul style="list-style-type: none"> <li>Systems Analysts</li> <li>Computer Consultants</li> <li>Computer Programmers</li> <li>Computer Modelling Consultants</li> <li>Aerospace Engineers</li> <li>Network Specialists</li> <li>Statisticians</li> </ul>	3	4 (50-59%)	5 (60-69%)	Additional subjects to contribute to minimum APS total		24
MATHEMATICAL AND COMPUTER SCIENCES	<b>Bachelor of Science (Mathematical Sciences stream) Extended Curriculum Programme</b>						
	<ul style="list-style-type: none"> <li>Systems Analysts</li> <li>Computer Consultants</li> <li>Computer Programmers</li> <li>Computer Modelling Consultants</li> <li>Aerospace Engineers</li> <li>Network Specialists</li> <li>Statisticians</li> </ul>	4	4 (50-59%)	4 (50-59%)	Additional subjects to contribute to minimum APS total		22

### 5.3 (c) Faculty of Science & Agriculture

+27 (0) 15 268 4892

School	Possible Career Opportunities	Years of Study	Required Subjects				APS
			English	Mathematics	Physical Sciences	Life Science	
MOLECULAR & LIFE SCIENCES	<b>Bachelor of Science (Life Sciences Stream)</b>						
	<ul style="list-style-type: none"> <li>Biotechnology and bio-informatics related occupations</li> <li>Consultancy – any biological field</li> <li>Environmental Health and Occupational Hygiene</li> <li>Environmental Management (Nature Conservation, Environmental Impact Consultant)</li> <li>Industrial Biochemistry and Microbiology</li> <li>Entomology</li> </ul>	3	4 (50-59%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	Additional subjects to contribute to minimum APS total
MOLECULAR & LIFE SCIENCES	<b>Bachelor of Science (Life Sciences Stream) Extended Curriculum Programme</b>						
	<ul style="list-style-type: none"> <li>Biotechnology and bio-informatics related occupations</li> <li>Consultancy – any biological field</li> <li>Environmental Health and Occupational Hygiene</li> <li>Environmental Management (Nature Conservation, Environmental Impact Consultant)</li> <li>Industrial Biochemistry and Microbiology</li> <li>Entomology</li> </ul>	4	4 (50-59%)	4 (50-59%)	4 (50-59%)	3 (40-49%)	Additional subjects to contribute to minimum APS total

### 5.3 (d) Faculty of Science & Agriculture

**+27 (0) 15 268 3492/3494**

School	Possible Career Opportunities	Years of Study	Required Subjects					Additional subject	APS
			English	Mathematics	Physical Sciences	Life Sciences			
<b>PHYSICAL &amp; MINERAL SCIENCES</b>	<b>Bachelor of Science (Physical Sciences stream)</b>								
	<ul style="list-style-type: none"> <li>• Physicists</li> <li>• Chemical Industry</li> <li>• Analytical &amp; Production Laboratories</li> <li>• Consultancy</li> <li>• Industrial Process Management Metallurgists</li> </ul>	3	4 (50-59%)	5 (60-69%)	5 (60-69%)			Additional subjects to contribute to minimum APS total	26
	<b>Bachelor of Science (Physical Sciences stream) Extended Curriculum Programme</b>								
	<ul style="list-style-type: none"> <li>• Physicists</li> <li>• Chemical Industry</li> <li>• Analytical &amp; Production Laboratories</li> <li>• Consultancy</li> <li>• Industrial Process Management</li> <li>• Metallurgists</li> </ul>	4	4 (50-59%)	4 (50-59%)	4 (50-59%)	3 (40-49%)		Additional subjects to contribute to minimum APS total	22
	<b>Bachelor of Science in Geology</b>								
	<ul style="list-style-type: none"> <li>• Geologist</li> <li>• Environmental Scientist</li> <li>• Earth Scientist</li> <li>• Hydrologist</li> <li>• Mining</li> <li>• Regional Planning and Development</li> <li>• Mineralogist</li> <li>• Palaeontologist</li> <li>• Geophysicist</li> <li>• Geochemist</li> </ul>	3	4 (50-59%)	5 (60-69%)	5 (60-69%)			Additional subjects to contribute to minimum APS total	26

### 5.4 (a) Faculty of Health Sciences

**+27 (0) 15 268 2149/2352**

School	Possible Career Opportunities	Years of Study	Required Subjects					Additional Subject <sub>2</sub>	APS
			English	Mathematics	Physical Science	Life Science	Additional Subject <sub>1</sub>		
<b>MEDICINE</b>	<b>Bachelor of Medicine &amp; Surgery</b>								
	<ul style="list-style-type: none"> <li>• General Medical Practitioner</li> <li>• Medical Research Institutes</li> </ul>	6	4 (50-59%)	5 (60-69%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	27

## 5.4 (b) Faculty of Health Sciences

**+27 (0) 15 268 2149**

School	Possible Career Opportunities	Years of Study	Required Subjects						APS
			English	Mathematics	Physical Sciences	Life Sciences	Additional subject 1	Additional subject 2	
<b>HEALTH CARE SCIENCES</b>	<b>Bachelor of Science in Dietetics</b>								
	<ul style="list-style-type: none"> <li>• Dietician in Hospital</li> <li>• Community Dietician</li> <li>• Food Service Manager</li> <li>• Consultants for Food Production Companies</li> <li>• Medical Representatives of Nutritional Companies</li> <li>• Private Practice and Research Centres</li> </ul>	4	4 (50-59%)	4 (50-59%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	26
	<b>Bachelor of Optometry</b>								
	<ul style="list-style-type: none"> <li>• Optometrist in Private and Public Sector</li> </ul>	4	4 (50-59%)	5 (60-69%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	27
	<b>Bachelor of Science in Medical Sciences</b>								
	<ul style="list-style-type: none"> <li>• Medical Scientist</li> <li>• Laboratory Researchers</li> </ul>	4	4 (50-59%)	4 (50-59%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	26
<b>Bachelor of Nursing</b>									
<ul style="list-style-type: none"> <li>• General, Psychiatric, Community Nurse and Mid-Wife</li> <li>• Occupational Health Nurse</li> <li>• Old Age Homes / Home-Based Care</li> <li>• Private Practice / Hospitals</li> <li>• Pharmaceutical Companies</li> <li>• Insurance &amp; Medical Aid Companies</li> </ul>	4	4 (50-59%)	4 (50-59%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	26	
<b>Bachelor of Pharmacy</b>									
<ul style="list-style-type: none"> <li>• Retail Medicine</li> <li>• Medicine Control Centre</li> <li>• Departments of Health</li> <li>• Industrial Environment</li> <li>• Private Practice</li> </ul>	4	4 (50-59%)	5 (60-69%)	5 (60-69%)	5 (60-69%)	4 (50-59%)	4 (50-59%)	27	