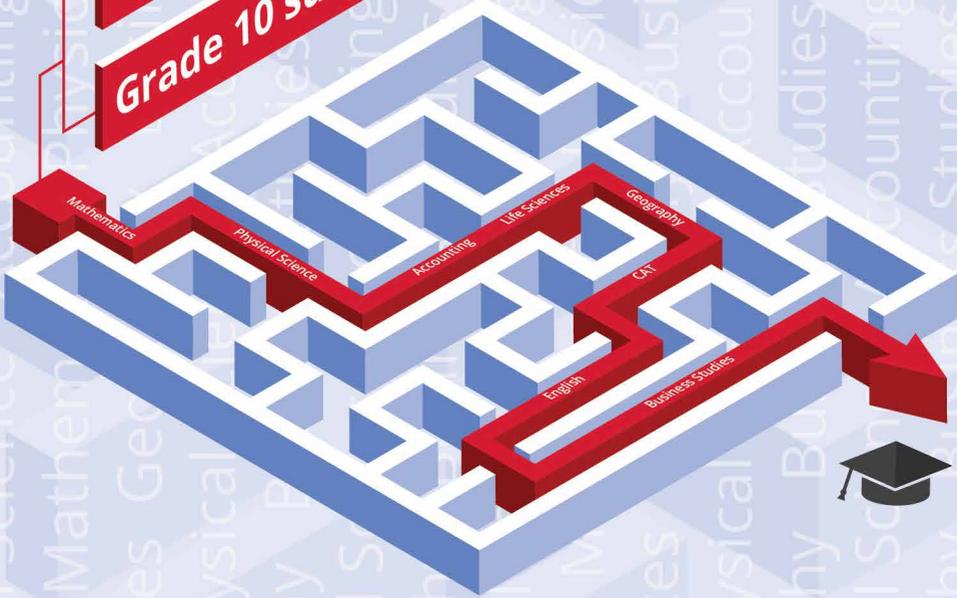


**Make a smart
Grade 10 subject choice**



2018

Grade 10
subject choices

Make today matter

www.up.ac.za

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Produced by the Department of Enrolment and Student Administration in December 2017.
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Responsible Grade 10 subject choices are important



It is very disappointing when Grade 12 learners and their parents realise that the subjects the learners have chosen do not allow them to apply for their preferred study field at university. It can even happen that they have chosen the correct subjects, but they do not meet the minimum admission requirements.

Two reasons for high dropout rates are the following:

- Learners choose the wrong programme.
- Learners do not ensure that their Grade 10 subject choices align with their preferred programme.

In an effort to bridge the gap, this brochure enables Grade 9 learners to make sound subject choices in Grade 10 that will provide them access to an array of programmes. Learners have a crucial responsibility in this regard, because uninformed subject choice decisions may negatively affect their future career planning. Learners need not panic,

they can plan and consider options with their parents and educators to determine which exciting career they would like to pursue and what subjects they will need to take in Grade 10 to make that dream possible.

This brochure is a unique, step-by-step guide that will enable Grade 9 learners to make sensible subject choices for Grade 10.

Steps to follow



STEP 01

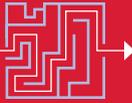
Gather information on possible career opportunities

This is often the most difficult step and the one that causes parents and learners to become despondent, especially if learners simply do not know what career they would like to follow one day. However, the aim with this step should not be, in the first place, to decide on a specific career, but rather on a broad field of career interest, eg health sciences, social sciences, natural sciences, engineering, etc.

It is therefore necessary for learners themselves to collect as much information as possible on such possible fields of interest that match their own areas of interest and personalities. Parents can play an important role in this process and can be of great help because they know more about the demands made by specific careers. It is important that learners should be supported and guided with advice to enable them eventually to make their OWN choices as far as possible. In this way, the self-image of learners will develop and they will take ownership of their decisions. Several sources are available where more information on fields of career interest may be obtained. One such source to be recommended is the website of PACE Careers.

Learners may follow the following steps:

- Go to www.pacecareers.com.
- Click on “Services”.
- Scroll down and click on “Take the questionnaire” and then on “Start the questionnaire”.
- Register to complete the questionnaire. It consists of 105 simple statements to which the learner only has to answer “Yes” or “No”.
- When the last question is answered, a profile of the learner’s fields of career interests is shown, with a clear indication of the fields of career interest that are the strongest.
- Next to every field of interest, there is a link on which a learner should click, that will give a list of all possible careers within the field of interest concerned.
- By clicking on a specific career, the learner then obtains information in connection with that career, including a summary of what the career entails, subjects required and also employment possibilities.
- It is further suggested that learners take time to do job shadowing. In this way learners can experience the real working environment, which is a crucial aspect when a decision about a specific career should be made.



STEP 02

Take note of the structure of the National Senior Certificate (NSC) and the Independent Examination Board (IEB) Certificate

Grade 9 learners are required to include at least SEVEN subjects in their subject package for Grade 10:

Four compulsory subjects:

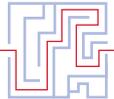
- Home Language
- First Additional Language
- Mathematics or Mathematical Literacy
- Life Orientation

Three other optional subjects from a list of the recognised NSC 20 credit subjects offered by the school concerned

A list of the school subjects from which a learner may choose will be made available by the school. The range of subjects offered will be determined by the available resources and equipment at individual schools.

STEP 03

Make sure you are aware of the admission requirements for studies at a tertiary institution



Examples of tertiary institutions include universities, universities of technology, colleges for further education and training (FET colleges) and private colleges. Prospective students will have to comply with two sets of admission requirements based on their Grade 11 and/or Grade 12 results in order to study at a tertiary institution:

Admission requirements of the Department of Education

The statutory minimum requirements for degree studies is a National Senior Certificate (NSC) or an Independent Examination Board (IEB) Certificate with a minimum achievement level of 4 (50%–59%) in four recognised NSC 20-credit subjects from the designated list below:

- | | | |
|-----------------------|-----------------------------------|-------------------------|
| ▪ Accounting | ▪ Engineering Graphics and Design | ▪ Mathematical Literacy |
| ▪ Agriculture Science | ▪ Geography | ▪ Mathematics |
| ▪ Business Studies | ▪ History | ▪ Music |
| ▪ Consumer Studies | ▪ Information Technology | ▪ Physical Science |
| ▪ Dramatic Arts | ▪ Languages | ▪ Religion Studies |
| ▪ Economics | ▪ Life Sciences | ▪ Visual Arts |

Admission requirements of the different tertiary institutions

These admission requirements include faculty-specific admission requirements. Please note that the different tertiary institutions will have different admission requirements. For the admission requirements prescribed by the University of Pretoria, visit www.up.ac.za/admissioninfo.

Steps to follow: Step 03 (continued)

In order to be considered for a programme, the applicant must meet the specific subject requirements as well as the APS (Admission Point Score) requirement, eg:

Programme	Minimum requirements for 2019		
	Achievement level		APS
	English	Mathematics	
	NSC/IEB	NSC/IEB	
BA (Audiology) [4 years] Closing dates: SA – 30 June Non-SA – 30 June	5	4	32

Departmental selection is based on academic achievement. To retain admission, candidates will be expected to achieve an APS of at least 32 in Grade 12. Only 50 students are admitted. The provisional selection process commences in July in the year preceding the first year of studies. More information can be obtained from the programme coordinator. The first study year of Audiology and Speech-Language Pathology is the same. The choice of Life Sciences is strongly recommended. The NBT is not applicable to this programme.

PLEASE NOTE: Only students who indicated this programme as their first choice on the Application Form, will be considered.

Careers as an audiologist: Diagnostic and rehabilitative audiology, audiometry and hearing therapy, work in education, special education, hospitals, clinics, private practice, government, military and academic institutions (teaching, research) industries.



The calculation of the APS is done on a seven-point rating scale

National Senior Certificate (NSC) seven-point rating scale

Achievement level	Description	Percentage
7	Outstanding achievement	80–100%
6	Meritorious achievement	70–79%
5	Substantial achievement	60–69%
4	Adequate achievement	50–59%
3	Moderate achievement	40–49%
2	Elementary achievement	30–39%
1	Not achieved	0–29%

Example: Joanne Govender

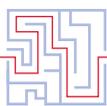
Subject	Percentage (%)	Achievement level	APS
English Home Language	73	6	6
Afrikaans FAL	68	5	5
Mathematics	81	7	7
Physical Science	84	7	7
CAT	91	7	7
Geography	72	6	6
Life Orientation	84	7	–
			38 (APS TOTAL)

UP Language policy

From 1 January 2019 English will be the language of teaching and learning for all first-year programmes. The only exception is where students are studying other languages and in programmes with profession-specific language outcomes, subject to approval by Senate. English will also be the language of official communication and administration on all campuses and in residences. Where requested and feasible, administrative services may be provided in other South African languages.

Students who registered prior to 2019, including those who registered in 2018 for the first time, will continue to receive lectures, tutorials, study guides and assessment material (question papers, assignments and the like) in Afrikaans for those programmes which were offered in Afrikaans at the time of enrolment, provided that the class size remains practically feasible and it is academically justifiable. Where assessment and question papers are set in Afrikaans, currently enrolled students will also be allowed to answer in Afrikaans.





STEP 04

Take an important decision between Mathematics and Mathematical Literacy

Not all learners have a love for Mathematics and not all learners have the same aptitude to master this subject equally well. Learners who do not like Mathematics and do not do well in this subject are unlikely to choose a field of study or career where Mathematics is a prerequisite. However, it is a reality that Mathematics is a compulsory subject for a number of programmes at tertiary level and that learners who do not take Mathematics, will therefore not be able to be considered for such programmes.

Learners usually find it easier to master the content of Mathematical Literacy than the content of Mathematics since Mathematical Literacy is aimed more at the practical application of mathematical principles and concepts in everyday life, eg calculating areas, volumes and circumferences, calculating profit and loss, drawing up a budget, etc.

Remember that for a learner, a pass mark in Mathematical Literacy is better than a failing mark in Mathematics. This should also be the point of departure when the learner, together with his or her parents, has to decide between these two subjects. Learners and parents are strongly advised to consider the recommendation by the school and the Mathematics teacher in this regard when making this decision.

Please also note that it is most definitely not the end of the study or career path for a learner who does not take Mathematics. **There are many fields of study available for learners taking Mathematical Literacy as a subject, and these are clearly indicated in the faculty tables in this brochure.** In addition, it is a fact that these learners may become just as successful in their subsequent careers as their colleagues who took Mathematics as a subject.



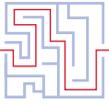
STEP 05

Decide now on a safe choice of subjects for Grade 10

The structure of the NSC and the IEB Certificate referred to in Step 2 allows Grade 10 learners, apart from the critical and compulsory subjects, to also take elective subjects that the learners enjoy and in which they can perform well to enhance their average marks.

Apart from good performances in the subjects required for specific programmes, the average percentage achieved by learners for all their subjects taken together is very important with a view to eventually being admitted to a programme at a tertiary institution.

The faculty tables from page 9 reflect all the undergraduate programmes offered by the University of Pretoria and also show the required NSC/IEB subjects from which learners will have to choose in Grade 10 in order to be considered for the programmes. These tables also include hints on other appropriate subjects to complete the subject package of seven subjects. Please note that subjects may be indicated that are not necessarily offered at all schools. Some schools may also offer recognised NSC 20-credit subjects that do not feature in these tables, and these subjects may be taken as electives.



STEP 06

Become a JuniorTukkie

The JuniorTukkie programme of the Department of Enrolment and Student Administration at the University of Pretoria has been established to assist learners in Grades 9, 10, 11 and 12 to make responsible study and career choices.

The JuniorTukkie initiative also develops important skills to better equip learners for the challenges they may face as a student in their personal capacity, as well as professionally. The JuniorTukkie programme provides, among others, a wide variety of services to learners and students, such as first-hand information on study and career options, leadership, life skills and study skills development, as well as engagement in community projects and many more. Learners with a minimum academic average of 70% may apply for membership of the JuniorTukkie Club. Membership of the JuniorTukkie Club is free of charge.

Just look at all the benefits JuniorTukkies may enjoy:

- Receive two online editions every year of the JuniorTukkie magazine crammed with campus information and information on the various faculties and programmes we offer.
- Access to our JuniorTukkie website and JT App, where, among other things, study guides for a number of school subjects may be downloaded, events are live streamed, etc.
- Access to useful examination hints.
- Personal invitations to events and functions offered by the University of Pretoria.
- Direct access to the JuniorTukkie Office to assist you with enquiries.
- Assistance to ensure your application process runs smoothly when you apply in your Grade 12 year for admission to study at the University of Pretoria.
- Access to the JuniorTukkie Summer and Winter schools.
- Access to e-learning enrichment programmes in Mathematics and Physical Science.
- Access to the Lectorsa reading development programme.



Make a smart Grade 10 subject choice based on the relevant programme requirements.

University of Pretoria admission requirements for the programmes in the Faculty of Economic and Management Sciences				Grade 10 subject package	
Programmes	Minimum requirements for 2019			Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (Other 20-credit school subjects not listed here may also be considered)
	Achievement level		APS		
	English Home Language or English First Additional Language	Mathematics			
	NSC/IEB	NSC/IEB			
BCom (Accounting Sciences)	5	6	34	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Agricultural Science ▪ Business Studies ▪ Economics ▪ Geography ▪ History ▪ Information Technology ▪ Tourism ▪ Computer Application Technology ▪ A third language
BCom (Investment Management)	5	6	34		
BCom (Financial Sciences)	5	5	32		
BCom (Econometrics)	5	6	32		
BCom (Economics)	5	5	32		
BCom (Law)	5	5	32		
BCom (Statistics)	5	5	32		
BCom (Informatics) Focus area: Information Systems	5	4	30		
BCom (Agribusiness Management)	5	5	30		
BCom	5	4	30		
BCom (Business Management)	5	4	30		
BCom (Supply Chain Management)	5	4	30		
BCom (Marketing Management)	5	4	30		
BCom (Human Resource Management)	5	4	30		
BAdmin (Public Management and International Relations)	5	Mathematics 3 or Mathematical Literacy 4	28	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Agricultural Science ▪ Business Studies ▪ Economics ▪ Geography ▪ History ▪ Information Technology ▪ Tourism ▪ Computer Application Technology ▪ A third language

University of Pretoria admission requirements for the programmes in the Faculty of Education			Grade 10 subject package	
Programmes	Minimum requirements for 2019		Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	Achievement level	APS		
	English Home Language or English First Additional Language			
	NSC/IEB			
BEd (Foundation Phase Teaching) – Pre-primary to Grade 3	4	28 (26–27 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Business Studies ▪ Economics ▪ Tourism ▪ Computer Application Technology ▪ Information Technology ▪ Agricultural Science ▪ Dramatic Arts ▪ Engineering Graphics and Design ▪ Geography ▪ History ▪ Music ▪ Religion Studies ▪ Visual Arts ▪ Hospitality Studies ▪ Consumer Studies ▪ A third language
BEd (Intermediate Phase Teaching) – Grades 4 to 6	4	28 (26–27 admission based on the NBT)		
BEd (Senior Phase and Further Education and Training Teaching) – Grades 7 to 12	4	28 (26–27 admission based on the NBT)		
Higher Certificate in Sports Science Education	4	20		
BEd (Senior Phase and Further Education and Training Teaching) – Grades 7 to 12 (Natural sciences option) Additional subject requirements: <ul style="list-style-type: none"> ▪ Physical Science 5 (60-69%) ▪ Mathematics 5 (60-69%) 	4	28 (26–27 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Life Sciences ▪ Computer Application Technology ▪ Information Technology ▪ Geography ▪ A third language
BEd (Senior Phase and Further Education and Training Teaching) – Grades 7 to 12 (Economic and management sciences option) Additional subject requirement: <ul style="list-style-type: none"> ▪ Mathematics 4 (50-59%) 	4	28 (26–27 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Business Studies ▪ Economics ▪ Tourism ▪ Computer Application Technology ▪ Information Technology ▪ Mathematics ▪ Hospitality Studies ▪ A third language

University of Pretoria admission requirements for the programmes in the Faculty of Engineering, Built Environment and Information Technology					Grade 10 subject package	
Programmes	Minimum requirements for 2019			APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	Achievement level					
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Science	APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	NSC/IEB	NSC/IEB	NSC/IEB			
BSc (Architecture)	5	4	4	27	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Economics ▪ Accounting
BSc (Interior Architecture)	5	4	4	27		
BSc (Landscape Architecture)	5	4	or Geography or Life Sciences 4	27	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science or Geography or Life Sciences ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Economics ▪ Accounting ▪ Physical Science ▪ Life Sciences ▪ Geography ▪ History ▪ Visual Arts ▪ A third language
BSc (Construction Management)	5	5	or Accounting 4	30	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science or Accounting ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Geography ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Economics ▪ Accounting ▪ Physical Science ▪ History ▪ Visual Arts ▪ Civil Technology ▪ A third language
BSc (Real Estate)	5	5	or Accounting 4	30		
BSc (Quantity Surveying)	5	5	or Accounting 4	30		

Programmes	Minimum requirements for 2019			Grade 10 subject package	
	Achievement level				
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Science	APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	NSC/IEB	NSC/IEB	NSC/IEB		
BTRP – Bachelor of Town and Regional Planning	5	4	-	27	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation <ul style="list-style-type: none"> ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Economics ▪ Accounting ▪ Geography ▪ History ▪ Visual Arts ▪ A third language

Programmes	Minimum requirements for 2019			Grade 10 subject package	
	Achievement level				
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Science	APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	NSC/IEB	NSC/IEB	NSC/IEB		
BEng (Industrial Engineering)	5	6	6	35	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science ▪ Life Orientation <ul style="list-style-type: none"> ▪ Accounting ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Information Technology ▪ Economics Also consider taking Additional Mathematics.
BEng (Chemical Engineering)	5	6	6	35	
BEng (Civil Engineering)	5	6	6	35	
BEng (Electrical Engineering)	5	6	6	35	
BEng (Electronic Engineering)	5	6	6	35	
BEng (Mechanical Engineering)	5	6	6	35	
BEng (Metallurgical Engineering)	5	6	6	35	
BEng (Mining Engineering)	5	6	6	35	
BEng (Computer Engineering)	5	6	6	35	
Engineering Augmented Degree Programme (ENGAGE)	4	5	4	25	

Programmes	Minimum requirements for 2019		APS	Grade 10 subject package	
	Achievement level			Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (Other 20-credit school subjects not listed here may also be considered)
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	30 (26-29 admission based on the NBT)		
	NSC/IEB	NSC/IEB			
BIT – Bachelor of Information Technology	5	5	30 (26-29 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Computer Application Technology ▪ Information Technology ▪ Economics ▪ Business Studies ▪ Accounting ▪ A third language
BSc (Computer Science)	5	5			
BIS (Multimedia)	4	5			
BSc (Information and Knowledge Systems)	4	5			
BIS (Information Science)	4	-	28 (25-27 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Computer Application Technology ▪ Information Technology ▪ Economics ▪ Business Studies ▪ Accounting ▪ A third language
BIS (Publishing)	5	-			

University of Pretoria admission requirements for the programmes in the Faculty of Theology and Religion			Grade 10 subject package		
Programmes	Minimum requirements for 2019		APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (Other 20-credit school subjects not listed here may also be considered)
	Achievement level				
	English Home Language or English First Additional Language	Mathematics			
	NSC/IEB				
BDiv – Bachelor of Divinity (for admission to MDiv studies)	4		25 (23-24 admission based on the NBT)	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Computer Application Technology ▪ Music ▪ Dramatic Arts ▪ History ▪ Religion Studies ▪ A third language
BTh – Bachelor of Theology	4		25 (23-24 admission based on the NBT)		
DipTh – Diploma in Theology	3		22 (20-21 admission based on the NBT)		

University of Pretoria admission requirements for the programmes in the Faculty of Health Sciences					Grade 10 subject package	
Programmes	Minimum requirements for 2019				Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	Achievement level			APS		
	English Home Language or English First Additional Language	Mathematics	Physical Science			
	NSC/IEB	NSC/IEB	NSC/IEB			
BChD – Bachelor of Dental Surgery	5	5	5	35	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science (or Life Sciences only for BSportSci) ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Life Sciences ▪ Accounting ▪ Computer Application Technology ▪ A third language
BOH – Bachelor of Oral Hygiene	4	4	4	25		
BDietetics – Bachelor of Dietetics	4	4	4	25		
BOT – Bachelor of Occupational Therapy	4	4	4	30		
BPhysio – Bachelor of Physiotherapy	4	4	4	30		
BRad – Bachelor of Radiography	4	4	4	25		
MBChB – Bachelor of Medicine and Surgery	5	5	5	35		
BSportSci – Bachelor of Sports Science	5	5	or Life Sciences 5	30		
BNurs – Bachelor of Nursing Science	4	-	-	28	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Life Sciences ▪ Accounting ▪ Computer Application Technology ▪ A third language
BCMP – Bachelor of Clinical Medical Practice	4	4	-	25	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Life Sciences ▪ Accounting ▪ Computer Application Technology ▪ Physical Science ▪ A third language

University of Pretoria admission requirements for the programmes in the Faculty of Humanities				Grade 10 subject package	
Programmes	Minimum requirements for 2019			Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package <i>(Other 20-credit school subjects not listed here may also be considered)</i>
	Achievement level		APS		
	English Home Language or English First Additional Language	Mathematics			
	NSC/IEB	NSC/IEB			
BA (Speech-Language Pathology)	5	4	32	<ul style="list-style-type: none"> Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level Mathematics Life Orientation 	<ul style="list-style-type: none"> Accounting Computer Application Technology Music A third language
BA (Audiology)	5	4	32		
BSW – Bachelor of Social Work	5	-	30	<ul style="list-style-type: none"> Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level Mathematics or Mathematical Literacy Life Orientation 	<ul style="list-style-type: none"> Life Sciences Accounting Computer Application Technology Tourism Dramatic Arts Visual Arts Music A third language
BA – Bachelor of Arts	5	-	30		
BA (Law)	5	-	30		
BA (Languages)	5	-	30		
BSocSci (Industrial Sociology and Labour Studies)	5	-	30		
BSocSci (Heritage and Cultural Tourism)	5	-	30		
BPolSci (International Studies)	5	-	30		
BPolSci (Political Studies)	5	-	30		
BA (Fine Arts)	5	-	30		
BA (Information Design)	5	-	30		
BA (Visual Studies)	5	-	30		
BMus	5	-	30		
BDram – Bachelor of Drama	5	-	30		
BSocSci (Philosophy, Politics and Economics) [PPE]	5	5	32	<ul style="list-style-type: none"> Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level Mathematics Life Orientation 	<ul style="list-style-type: none"> Accounting Computer Application Technology History Business Studies Economics Information Technology Religion Studies A third language

University of Pretoria admission requirements for the programmes in the Faculty of Law				Grade 10 subject package		
Programme	Minimum requirements for 2019			APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (Other 20-credit school subjects not listed here may also be considered)
	Achievement level					
	English Home Language or English First Additional Language					
	NSC/IEB					
LLB	5			32	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics or Mathematical Literacy ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Computer Application Technology ▪ Dramatic Arts ▪ History ▪ Business Studies ▪ Economics ▪ A third language

University of Pretoria admission requirements for the programmes in the Faculty of Veterinary Science					Grade 10 subject package	
Programmes	Minimum requirements for 2019			APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (Other 20-credit school subjects not listed here may also be considered)
	Achievement level					
	English Home Language or English First Additional Language	Mathematics	Physical Science			
	NSC/IEB	NSC/IEB	NSC/IEB			
BVSc – Bachelor of Veterinary Science	5	5	5	32	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Computer Application Technology ▪ Economics ▪ Geography ▪ Life Sciences ▪ Agricultural Science ▪ A third language
Bachelor of Veterinary Nursing (BVetNurs)	4	4	4	28	<ul style="list-style-type: none"> ▪ Mathematics ▪ Physical Science ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Accounting ▪ Computer Application Technology ▪ Economics ▪ Geography ▪ Life Sciences ▪ Agricultural Science ▪ A third language

University of Pretoria admission requirements for the programmes in the Faculty of Natural and Agricultural Sciences					Grade 10 subject package	
Programmes	Minimum requirements for 2019				Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (<i>Other 20-credit school subjects not listed here may also be considered</i>)
	Achievement level			APS		
	English Home Language or English First Additional Language	Mathematics	Physical Science			
	NSC/IEB	NSC/IEB	NSC/IEB			
BSc (Biochemistry)	5	5	5	30	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Physical Science ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Computer Application Technology ▪ Geography ▪ Life Sciences ▪ Agricultural Science ▪ Economics ▪ Business Studies ▪ Accounting ▪ Engineering Graphics and Design ▪ Consumer Studies ▪ Hospitality Studies ▪ A third language
BSc (Biological Sciences)	5	5	5	30		
BSc (Biotechnology)	5	5	5	30		
BSc (Ecology)	5	5	5	30		
BSc (Zoology)	5	5	5	30		
BSc (Entomology)	5	5	5	30		
BSc (Genetics)	5	5	5	30		
BSc (Human Genetics)	5	5	5	30		
BSc (Human Physiology)	5	5	5	30		
BSc (Human Physiology, Genetics and Psychology)						
BSc (Medical Sciences)	5	5	5	30		
BSc (Microbiology)	5	5	5	30		
BSc (Plant Science)	5	5	5	30		
BSc (Chemistry)	5	5	5	32		
BSc (Physics)	5	5	5	32		
BSc (Geography)	5	5	5	32		
BSc (Geoinformatics)	5	5	5	32		
BSc (Geology)	5	5	5	32		
BSc (Meteorology)	5	5	5	32		
BSc (Environmental Sciences)	5	5	5	32		
BSc (Engineering and Environmental Geology)	5	5	5	32		
BSc (Culinary Science)	5	5	5	30		
BSc (Food Science)	5	5	5	30		
BSc (Nutrition)	5	5	5	30		
BScAgric (Agricultural Economics and Agribusiness Management)	5	5	5	30		
BScAgric (Animal Science)	5	5	5	30		
BScAgric (Plant Pathology)	5	5	5	30		
BScAgric (Applied Plant and Soil Sciences)	5	5	5	30		

Programmes	Minimum requirements for 2019			Grade 10 subject package			
	Achievement level		APS	Learners interested in these UP programmes MUST include the subjects below in their NSC/IEB Grade 10 subject package	Popular subjects that MAY be included to fill up the package (<i>Other 20-credit school subjects not listed here may also be considered</i>)		
	English Home Language or English First Additional Language	Mathematics					
NSC/IEB	NSC/IEB						
BSc (Actuarial and Financial Mathematics)	5	7	34	<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Information Technology* ▪ Physical Science* ▪ Computer Application Technology ▪ Life Sciences ▪ Economics ▪ Business Studies ▪ Accounting ▪ A third language <p>*Especially important for studies in actuarial sciences. Alpha or Additional Mathematics is also recommended although it is not offered at all schools.</p>		
BSc (Mathematics) BSc (Applied Mathematics)	5	6	32				
BSc (Mathematical Statistics)	5	6	32				
BConSci (Clothing Retail Management)	5	4	28			<ul style="list-style-type: none"> ▪ Two languages of which English should be one and of which at least one should be on Home Language level and the other on First Additional Language level ▪ Mathematics ▪ Life Orientation 	<ul style="list-style-type: none"> ▪ Computer Application Technology ▪ Physical Science ▪ Life Sciences ▪ Consumer Studies ▪ Hospitality Studies ▪ Economics ▪ Business Studies ▪ Accounting ▪ A third language
BConSci (Food Retail Management)	5	4	28				
BConSci (Hospitality Management)	5	4	28				

University of Pretoria contact information

Learners and parents are most welcome to contact the Department of Enrolment and Student Administration at the University for any enquiries and advice.

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