

GRADE 10

Subject choices for NSC/IEB qualifications



UNIVERSITEIT VAN PRETORIA
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JuniorTukkie



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- Improve your marks.
- Grow personally and emotionally.
- Be well-prepared to apply for university studies.
- WizeUP!



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STEP UP**

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Note: Except in cases where modules or programmes require the use of a language other than English, all modules will be presented in English, which is the University's official language of tuition, communication and correspondence.

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Responsible Grade 10 subject choices are important

Two reasons for high dropout rates are the following:

- (a) Learners often choose the wrong degree programme.
- (b) Learners often do not ensure that their Grade 10 subject choices are aligned with the requirements of the degree programmes they are interested in applying for.

This brochure enables Grade 9 learners to make safe 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 consider options with their parents and educators to determine which exciting career they would like to pursue and what subjects they need to take in Grade 10 to make that dream possible.

It is a great disappointment when learners in their final school year 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.



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





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TUKS STUDENT**

5

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(for students, graduates and postgraduates)

4

Consult a Student Advisor
(for Grade 9-12 learners)

3

Join jTOnline
(for Grade 9-12 learners)

2

Become a JT member
(for Grade 9-12 learners)

1

Register for the JT App
(for learners, parents, teachers)

#JoinJT

JuniorTukkie helps you to STEP UP.

Join the JT Student Ambassadors Society (JTSAS) and JT Alumni for students, graduates and postgraduates. We will:

- equip you with the skills to succeed at university;
- develop your leadership skills, among others; and
- provide you with opportunities to give back to society.

Register at www.up.ac.za/juniortukkie > Become a JuniorTukkie

Consult a Student Advisor to:

- decide on Grade 10 subject choices;
- discuss study and career options; and
- assist with your UP application.

Email carol.bosch@up.ac.za

Join **jTOnline** to improve your marks in Mathematics, Physical Sciences, Accounting, Life Sciences and English. jTOnline will prepare you to connect with a world of opportunities.

- On the JT App, select the 'School Subjects' tile.



OR

Go to juniortukkie.online

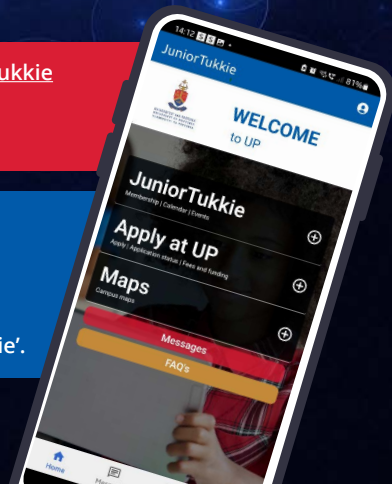
- Complete the jTOnline registration form.

Complete the JT membership form at www.up.ac.za/juniortukkie

- Click on 'Become a JuniorTukkie'
- Click on 'Register for JT membership (Gr 9-12)'

Where to find the JuniorTukkie App:

- Go to Google Play Store or Apple App Store and download the 'UP Mobile App'.
- Select 'Allow notifications'.
- On the 'Please select a Persona' screen, select 'JuniorTukkie'.



STEPS TO FOLLOW

1

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 a learner simply does not know what career they would like to follow one day. However, the aim with this step should not, in the first place, be to decide on a specific career, but rather to determine a broad field of career interest, eg health sciences, social sciences, natural sciences, engineering, etc.

Learners should obtain as much information as possible on the fields that hold their interest and are aligned with their personality. Parents 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 UP career guidance website.

Learners may follow the steps below:

- Go to www.gostudy.net/up.
- Scroll down and click on 'Take the questionnaire' and then on 'Start questionnaire'.
- The questionnaire consists of 105 simple statements. Complete the questionnaire by selecting ✓ to statements you like, and ✗ to statements that you do not like or are not sure about.
- 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.
- Click on the specific field of interest for a list of all possible careers within the field of interest concerned.
- By clicking on a specific career, the learner obtains information in connection with that career, including a summary of what the career entails, the subjects required and 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.

2

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

The University of Pretoria accepts NSC/IEB results certified by Umalusi for bachelor studies. Grade 9 learners are required to include at least SEVEN subjects in their subject package for Grade 10, which will include:

Four compulsory subjects:

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



Three optional
NSC 20 credit subjects
offered by the school

3

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 final school year results in order to study at a tertiary institution:

1. 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.

2. 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/programmes > Undergraduate.

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

Programmes	Minimum requirements for NSC/IEB for 2026		
	Achievement level		APS
	Mathematics	English Home Language or English First Additional Language	
Bachelor of Arts in Audiology [4 years]	4	5	32

The calculation of the APS is done on the following seven-point rating scale applicable to the National Senior Certificate (NSC) and Independent Examination Board (IEB) qualifications:

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 Sciences	84	7	7
CAT	91	7	7
Geography	72	6	6
Life Orientation	84	7	–
			38 (APS TOTAL)

4

Make an important choice 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 considered for such programmes.

Some learners 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 their parents, should decide between these two subjects. Learners and parents are strongly advised to consider the recommendation from 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.

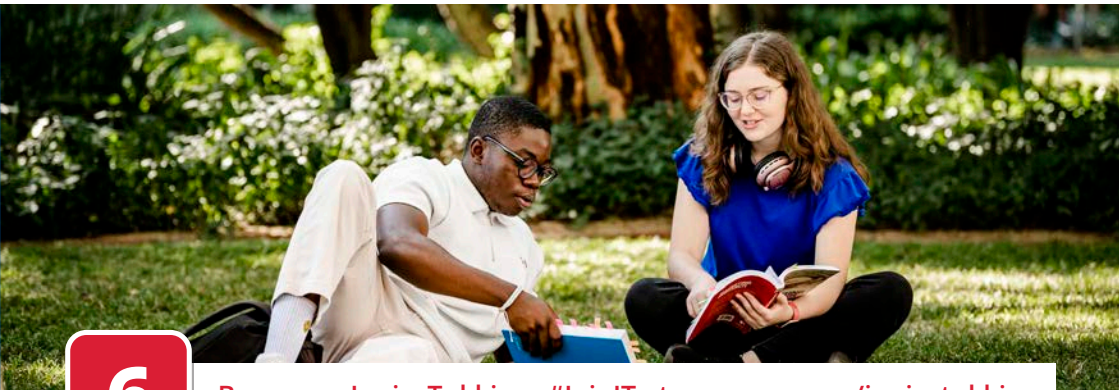
5

Decide now on a safe Grade 10 subject choice

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 (APS).

Apart from good results 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 8 reflect all the undergraduate programmes offered by the University of Pretoria and also show the required NSC/IEB subjects, which learners will have to choose in Grade 10 in order to be considered for the programmes.



6

Become a JuniorTukkie ▪ #JoinJT at www.up.ac.za/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 8, 9, 10, 11 and 12 to make responsible study and career choices. The JuniorTukkie initiative develops important skills to better equip learners for the challenges they may face as a student in their personal capacity, as well as professionally.

MAKE SMART GRADE 10 SUBJECT CHOICES

based on the relevant programme requirements



Faculty of Economic and Management Sciences

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026		Grade 10 subject package
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
			Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
			To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Administration specialising in Public Administration	5	Mathematics 3 or Mathematical Literacy 4	28
Bachelor of Commerce in Accounting Sciences	5	6	34
Bachelor of Commerce	5	4	30
• Three-year programme			
• Four-year programme*	4	3	26
Bachelor of Commerce specialising in:			
• Investment Management	5	6	34
• Econometrics	5	6	32
• Economics	5	5	32
• Financial Management Sciences	5	5	32
• Law	5	5	32
• Statistics and Data Science	5	5	32
• Agribusiness Management	5	5	30
• Information Systems	5	5	30
• Business Management	5	4	30
• Supply Chain Management	5	4	30
• Marketing Management	5	4	30
• Human Resource Management	5	4	30

* This is a selection programme. Additional selection criteria apply.



Faculty of Education

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026		Grade 10 subject package
			Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	Achievement level English Home Language or English First Additional Language	APS	To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Education in Early Childhood Care and Education	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
Bachelor of Education in Foundation Phase Teaching [Grade R to Grade 3]	4	28	
Bachelor of Education in Intermediate Phase Teaching [Grades 4 to 6]	4	28	
Bachelor of Education in Senior Phase and Further Education and Training Teaching* [Grades 7 to 12]	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 Physical Sciences Life Orientation
Higher Certificate in Sports Sciences**	4	20	<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"> One-year programme Two-year programme 	4	20	

* Additional subject requirements for elective modules in Physical Sciences or Life Sciences are Physical Sciences, passed with an achievement level of 5 (60%–69%), and Mathematics passed with an achievement level of 5 (60%–69%) in the final NSC/IEB examination.

** This is a selection programme. Additional selection criteria apply.





Faculty of Engineering, Built Environment and Information Technology

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026				Grade 10 subject package				
	Achievement level			APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package				
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences		APS	To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school			
Bachelor of Engineering in:									
• Chemical 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 Sciences• Life Orientation
• Civil Engineering				5		6	6	35	
• Computer Engineering				5		6	6	35	
• Electrical Engineering				5		6	6	35	
• Electronic Engineering				5		6	6	35	
• Industrial Engineering				5		6	6	35	
• Mechanical Engineering				5		6	6	35	
• Metallurgical Engineering				5		6	6	35	
• Mining Engineering				5		6	6	35	
Bachelor of Engineering* [Previously called ENGAGE]				5		65%	65%	33	

* This is a 5-year programme for all Engineering disciplines. The first year offers foundation modules.

Programmes	Minimum requirements for NSC/IEB for 2026				Grade 10 subject package				
	Achievement level			APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package				
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Sciences			To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school			
Bachelor of Science in:									
• Construction Management*				5			5	4	30
• Real Estate				5			5	4	30
• Quantity Surveying				5			5	4	30
• Architecture**	5	4	4	30	• As above				
Bachelor of Town and Regional Planning	5	4	–	27	• As above				

* Accounting can be taken in place of Physical Sciences with the same achievement level.

** This is a selection programme. Additional selection criteria apply.

Programmes	Minimum requirements for NSC/IEB for 2026			Grade 10 subject package
	Achievement level			Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	APS	To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Science in Computer Science	5	6	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 levelMathematicsLife Orientation
Bachelor of Science in Information Technology in Information and Knowledge Systems	4	6	30	
Bachelor of Commerce specialising in Information Systems*	5	5	30	
Bachelor of Information Technology in Information Systems	5	5	30	
Bachelor of Information 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 levelMathematics or Mathematical LiteracyLife Orientation
Bachelor of Information Science specialising in:				
• Publishing	5	–	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 levelMathematicsLife Orientation
• Multimedia**	4	5	30	

* This is an interfaculty degree programme, jointly presented by the Faculty of Economic and Management Sciences

** Possible name change to: Bachelor of Information Science specialising in Interactive Technology



Faculty of Theology and Religion

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026		Grade 10 subject package
	Achievement level		Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language	APS	To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Theology	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
Bachelor of Divinity	4	28	
Diploma in Theology	3	24	



Faculty of Health Sciences

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC and IEB for 2026				Grade 10 subject package
	Achievement level			APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language	Mathematics	Physical Sciences		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
SCHOOL OF DENTISTRY					
Bachelor of Dental Surgery*	5	6	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 levelMathematicsPhysical SciencesLife Orientation
Bachelor of Oral Hygiene*	4	4	4	25	
SCHOOL OF HEALTHCARE SCIENCES					
Bachelor of Occupational Therapy*	4	4	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 levelMathematicsPhysical Sciences (<i>see requirement for Bachelor of Nursing Science</i>)Life Orientation
Bachelor of Physiotherapy*	4	4	4	30	
Bachelor of Radiography in Diagnostics*	4	4	4	30	
Bachelor of Dietetics*	4	4	4	28	
Bachelor of Nursing Science*	4	4	4 Life Sciences (not Physical Sciences)	28	
SCHOOL OF MEDICINE					
Bachelor of Medicine and Surgery* [Also referred to as MBChB]	5	6	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 levelMathematicsPhysical Sciences (<i>see requirements for BCMP and Bachelor of Sport Science</i>)Life Orientation
Bachelor of Sports Science*	4	4	Physical Sciences or Life Sciences 4	30	
Bachelor of Clinical Medical Practice* [Also referred to as BCMP]	4	4	Physical Sciences or Life Sciences 4	28	

* This is a selection programme. Additional selection criteria apply.

Programmes	Minimum requirements for NSC and IEB for 2026				Grade 10 subject package
	Achievement level			APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language	Mathematics	Physical Sciences		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Science in Food Management [Options: 1. Nutritional Science 2. Culinary Science]	This is an interfaculty degree programme, jointly presented by Food Science (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences). For the admission requirements, please refer to the table in the Natural and Agricultural Sciences undergraduate faculty brochure.				
Bachelor of Arts in Audiology	These two programmes are presented by the Faculty of Humanities.				
Bachelor of Arts in Speech-Language Pathology	For the admission requirements, please refer to the table in the Faculty of Humanities undergraduate faculty brochure.				



Faculty of Veterinary Science

The closing date for programmes in this faculty is 31 May.

Programmes	Minimum requirements for NSC and IEB for 2026				Grade 10 subject package
	Achievement level			APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language	Mathematics	Physical Sciences		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Veterinary Science*	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 Sciences (see requirement for Bachelor of Veterinary Nursing) Life Orientation
Bachelor of Veterinary Nursing*	4	4	4 Physical Sciences or Life Sciences	28	

* This is a selection programme. Additional selection criteria apply.



Faculty of Humanities

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026			Grade 10 subject package
	Achievement level		APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	Mathematics	English Home Language or English First Additional Language		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Arts specialising in Law	–	5	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 or Mathematical Literacy Life Orientation
Bachelor of Arts specialising in Philosophy, Politics and Economics	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
Bachelor of Arts in Audiology*	4	5	32	
Bachelor of Arts in Speech-Language Pathology*	4	5	32	
Bachelor of Arts	–	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
Bachelor of Arts in Fine Arts [4-year programme]	–	5	30	
Bachelor of Arts in Information Design*	–	5	30	
Bachelor of Arts specialising in Languages	–	5	30	
Bachelor of Arts specialising in Visual Studies	–	5	30	
Bachelor of Drama [3-year programme]	–	5	30	
Bachelor of Political Science specialising in International Studies	–	5	30	
Bachelor of Political Science specialising in Political Studies	–	5	30	
Bachelor of Social Science in Heritage and Cultural Sciences** [Option: Heritage and Cultural Tourism]	–	5	30	
Bachelor of Social Science specialising in Industrial Sociology and Labour Studies	–	5	30	
Bachelor of Social Work	–	5	30	

* This is a selection programme. Additional selection criteria apply.

** Possible name change to: Bachelor of Social Science specialising in Heritage and Cultural Tourism

Programmes	Minimum requirements for NSC/IEB for 2025			Grade 10 subject package	
	Achievement level		APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package	
	Music	English Home Language or English First Additional Language		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school	
Bachelor of Arts in Fine Arts [5-year programme]	–	4	26	<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 As above Music 	
Bachelor of Drama [4-year programme]	–	4	26		
Bachelor of Music [4-year programme]	4 (50-59%) or Grade VII Practical and Grade V Theory (Unisa/ Royal Schools/Trinity) or a comparable standard and Practical audition and theoretical test passed with 60%	5	30		
Bachelor of Music [5-year programme]	4 (50-59%) or Grade V Practical and Grade III Theory (Unisa/ Royal Schools/Trinity) or a comparable standard and Practical audition and theoretical test passed with 50%	4	26		



Faculty of Law

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026		Grade 10 subject package
	Achievement level	APS	Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Laws [Also referred to as LLB]	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 levelMathematics or Mathematical LiteracyLife Orientation
Bachelor of Arts specialising in Law	Refer to Humanities for requirements.		
Bachelor of Commerce specialising in Law	Refer to Economic and Management Sciences for requirements.		



Faculty of Natural and Agricultural Sciences

The closing date for programmes in this faculty is 30 June.

Programmes	Minimum requirements for NSC/IEB for 2026			APS	Grade 10 subject package
	Achievement level				Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
BIOLOGICAL SCIENCES	English Home Language or English First Additional Language	Mathematics	Physical Sciences		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
Bachelor of Science in:					
• Biochemistry	5	5	5	32	• 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 Sciences • Life Orientation
• Biotechnology	5	5	5	32	
• Ecology	5	5	5	32	
• Entomology	5	5	5	32	
• Genetics	5	5	5	32	
• Human Genetics	5	5	5	32	
• Human Physiology	5	5	5	32	
• Human Physiology, Genetics and Psychology	5	5	5	32	
• Medical Sciences	5	5	5	32	
• Microbiology	5	5	5	32	
• Plant Science	5	5	5	32	
• Zoology	5	5	5	32	
The following are four-year programmes. The first year offers foundation modules.					
Bachelor of Science in:					
• Ecology	58%	58%	58%	30	
• Human Physiology	58%	58%	58%	30	
AGRICULTURAL AND FOOD SCIENCES					
Bachelor of Science in:					
• Agriculture in Agricultural Economics and Agribusiness Management	5	5	5	32	
• Agriculture in Animal Science	5	5	5	32	
• Agriculture in Applied Plant and Soil Sciences	5	5	5	32	
• Agriculture in Plant Pathology	5	5	5	32	
• Food Management [Option: Culinary Science]	5	5	5	32	
• Food Management [Option: Nutritional Science]	5	5	5	32	
• Food Science	5	5	5	32	

Programmes	Minimum requirements for NSC/IEB for 2026			APS	Grade 10 subject package
	Achievement level				Learners interested in these UP programmes MUST include the subjects in the column below in their NSC/IEB Grade 10 subject package
	English Home Language or English First Additional Language	Mathematics	Physical Sciences		To fill up your Grade 10 subject package, you may choose any additional 20-credit NSC/IEB subjects offered at your school
The following are five-year programmes. The first year offers foundation modules.					<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 Sciences• Life Orientation
Bachelor of Science in:					
• Agriculture in Applied Plant and Soil Sciences	4	4	4	30	
• Agriculture in Plant Pathology	4	4	4	30	
CONSUMER SCIENCE					<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
Bachelor of Consumer Science specialising in:					
• Clothing Retail Management	5	4	–	28	
• Food Management	5	4	–	28	
PHYSICAL SCIENCES					<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 Sciences• Life Orientation
Bachelor of Science in:					
• Chemistry	5	5	5	34	
• Physics	5	5	5	34	
• Geography [Option Geography and Environmental Science]	5	5	5	34	
• Geoinformatics	5	5	5	34	
• Geology	5	5	5	34	
• Meteorology	5	5	5	34	
• Environmental and Engineering Geology	5	5	5	34	
The following are four-year programmes. The first year offers foundation modules.					
Bachelor of Science in:					<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
• Chemistry	58%	58%	58%	32	
• Geoinformatics	58%	58%	58%	32	
• Geology	58%	58%	58%	32	
• Meteorology	58%	58%	58%	32	
• Physics	58%	58%	58%	32	
MATHEMATICAL SCIENCES					
Bachelor of Science in:					
• Actuarial and Financial Mathematics	5	7	–	36	
• Mathematics [3-year programme]	5	6	–	34	
• Mathematical Statistics	5	6	–	34	
• Mathematics [4-year programme]*	58%	65%	–	32	

* The first year offers foundation modules.

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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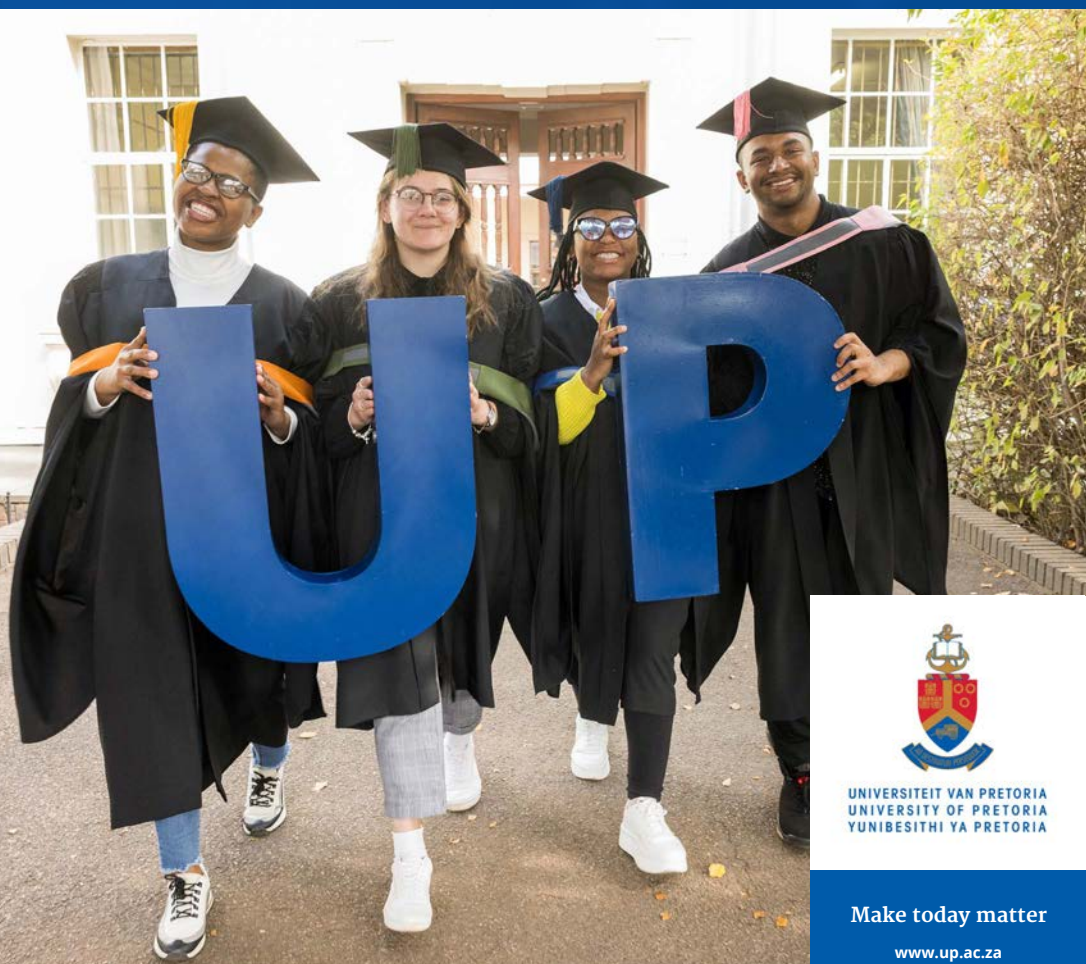
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