



Grade 10 subject choices

A guide for Grade 9 learners and parents

2015



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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Produced by the Client Service Centre in December 2014.

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The importance of responsible subject choices for Grade 10



Learners are required to make subject choices for Grade 10 at a very early age towards the end of Grade 9. Learners are also required to consider possible career choices at this tender age, since this would influence their choice of subjects.

Since learners of this age often are not yet sure about careers they are interested in, it is important to tackle this process in a positive way and step by step. There is no reason for learners and parents to panic but instead they should be excited to work together in planning an exciting and interesting study and career future that will determine what will be a suitable choice of subjects for Grade 10.

The aim with this brochure is precisely to give guidelines for making a safe choice of subjects for Grade 10. This brochure indicates important steps for Grade 9 learners to decide on a responsible Grade 10 subject package.

Steps to follow

Step 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 learners simply do not know what they would like to be 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 “Get career guidance” and then on “Start 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 detailed information in connection with that career, including a summary of what the career entails, subjects required and also study programmes relating to such career.

Step 2

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/IEB 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 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 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/IEB 20-credit subjects from the designated list below:

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

*Owing to the languages that are used as language of tuition at the University of Pretoria it is advisable for students to have English and/or Afrikaans as Home Language or as a First Additional Language, together with any other language of choice. Additional requirements may be prescribed by faculties and/or certain study programmes.

- **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.

Step 4

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 study programmes at tertiary level and that learners who do not take Mathematics, therefore will not be able to be considered for such study 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 fail mark in Mathematics. This should also be the point of departure when the learner together with his 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 equally successful in their subsequent careers as their colleagues who took Mathematics as a subject.



Step 5

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, also to 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 study programmes, the average percentage achieved by learners for all their subjects taken together is very important with a view to eventually being admitted to the study programme at tertiary institutions.

The faculty tables from page 6 reflect all the undergraduate study programmes offered by the University of Pretoria and also show the required NSC/IEB subjects learners will have to choose from in Grade 10 in order to be considered for the study 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/IEB 20-credit subjects that do not figure in these tables, and these subjects may be taken as electives.

Step 6

Become a JuniorTukkie

The JuniorTukkie programme of the Client Service Centre at the University of Pretoria has been established to assist learners in Grades 10, 11 and 12 to make responsible study and career choices. JuniorTukkie also develop important skills in order 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. As a JuniorTukkie member, you will have the benefit to complete an early application form on the University of Pretoria's online Study Application System at www.up.ac.za/apply. Please visit www.up.ac.za/juniortukkie > Become a JuniorTukkie for guidelines for applying to study at the University of Pretoria. Once you have successfully completed your application, you will receive a University of Pretoria student number with which you will be able to access the University of Pretoria's Student Portal where you will be able to edit or change your personal information if necessary and upload your final examination report at the end of every year. Once you have reached the year preceding your year of study, all you will have to do is to finalise your application for admission to study at UP by doing the following:

- Upload a copy of your Grade 11 final examination report, indicating your promotion mark;
- Confirm or change your first and second study choices; and
- Upload the proof of payment of the application fee.

Your application for admission to study at the University of Pretoria will then be submitted.

Just look at all other benefits JuniorTukkies may share in:

- Receive two editions every year of the JuniorTukkie magazine crammed with campus information and information on the various faculties and study programmes we offer;
- Access to our JuniorTukkie website, where among other things, study guides for a number of school subjects may also be downloaded;
- 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; and
- 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.

Faculty of Economic and Management Sciences

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BCom (Investment Management) BCom (Accounting Sciences) BCom (Financial Sciences) BCom (Law) BCom (Econometrics) BCom (Economics) BCom (Informatics) BCom (Statistics) BCom BCom (Agribusiness Management) BCom (Marketing Management) BCom (Entrepreneurship) BCom (Communication Management) BCom (Human Resource Management) BCom (Business Management) BCom (Recreation and Sports Management) BCom Option: Supply Chain Management	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Accounting ■ Agricultural Science ■ Business Studies ■ Consumer Studies ■ Dramatic Arts ■ Economics ■ Geography ■ History ■ Information Technology ■ Life Sciences ■ Tourism ■ Computer Application Technology ■ A third language
BAdmin (International Relations) BAdmin (Public Management)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Accounting ■ Agricultural Science ■ Business Studies ■ Economics ■ Geography ■ History ■ Information Technology ■ Tourism ■ Computer Application Technology ■ A third language

Faculty of Education

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
<p>BEd (Early Childhood Development and Foundation Phase) – Pre-primary to Grade 3</p> <p>BEd (Intermediate Phase) – Grade 4 to 6</p> <p>BEd (Senior Phase) – Grade 7 to 9</p> <p>BEd (FET)(General) – Grade 10 to 12</p> <p>BEd (FET)(Human Movement Science and Sport Management) – Grade 10 to 12</p>	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <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
<p>BEd (FET)(Natural Sciences) – Grade 10 to 12</p>	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ▪ Life Sciences ▪ Computer Application Technology ▪ Information Technology ▪ Geography ▪ A third language
<p>BEd (FET)(Economic and Management Sciences) – Grade 10 to 12</p>	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ▪ Accounting ▪ Business Studies ▪ Economics ▪ Tourism ▪ Computer Application Technology ▪ Information Technology ▪ Hospitality Studies ▪ A third language

Faculty of Engineering, Built Environment and Information Technology

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BEng (Industrial Engineering) BEng (Chemical Engineering) BEng (Electrical Engineering) BEng (Electronic Engineering) BEng (Mechanical Engineering) BEng (Metallurgical Engineering) BEng (Mining Engineering) BEng (Computer Engineering) BEng (Civil Engineering)	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ▪ Accounting ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Information Technology ▪ Economics ▪ History ▪ Life Sciences ▪ Civil Technology ▪ Mechanical Technology ▪ A third language <p>Additional to the subject package, learners are encouraged to also take Additional Mathematics.</p>
BSc Architecture BSc Interior Architecture	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ▪ Engineering Graphics and Design ▪ Computer Application Technology ▪ Economics ▪ Accounting ▪ Geography ▪ History ▪ Visual Arts ▪ A third language

(Continued)

Faculty of Engineering, Built Environment and Information Technology

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BSc Landscape Architecture	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <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 BSc Real Estate BSc Quantity Surveying	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <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

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Faculty of Engineering, Built Environment and Information Technology

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BT&RP – Bachelor of Town and Regional Planning	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ■ Engineering Graphics and Design ■ Computer Application Technology ■ Economics ■ Accounting ■ Geography ■ History ■ Visual Arts ■ A third language
BIT – Bachelor of Information Technology BSc (Computer Science) BIS (Multimedia) BSc IT (Information and Knowledge Systems)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Computer Application Technology ■ Information Technology ■ Economics ■ Business Studies ■ Accounting ■ A third language
BIS (Information Science) BIS (Publishing)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Computer Application Technology ■ Information Technology ■ Economics ■ Business Studies ■ Accounting ■ A third language

Faculty of Health Sciences

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
MBChB – Bachelor of Medicine and Surgery BChD – Bachelor of Dentistry BOccTher – Bachelor of Occupational Therapy BPhysT – Bachelor of Physiotherapy BRad – Bachelor of Radiography BDietetics – Bachelor of Dietetics BOH – Bachelor of Oral Hygiene BSportSci – Bachelor of Sport Science	<ul style="list-style-type: none"> ■ TWO languages of which English should be one on Home Language level or First Additional Language level ■ Mathematics ■ Physical Science ■ Physical Science or Life Sciences (only for BSportSci – Bachelor of Sport Science) ■ Life Orientation 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Life Sciences ■ Accounting ■ Computer Application Technology ■ A third language
BCur – Bachelor of Nursing Science	<ul style="list-style-type: none"> ■ TWO languages of which English should be one on Home Language level or First Additional Language level ■ Mathematics or Mathematical Literacy ■ Life Orientation 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ■ Life Sciences ■ Accounting ■ Computer Application Technology ■ A third language
BClinical Medical Practice – Bachelor of Clinical Medical Practice	<ul style="list-style-type: none"> ■ TWO languages of which English should be one on Home Language level or First Additional Language level ■ Mathematics ■ Life Orientation 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Life Sciences ■ Accounting ■ Computer Application Technology ■ Physical Science ■ A third language
Higher Certificate in Sport Science [HCert (Sport Science)]	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Life Sciences ■ Accounting ■ Computer Application Technology ■ Physical Science ■ A third language

Faculty of Humanities		
Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BA (Audiology) BA (Speech-Language Pathology)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Accounting ■ Computer Application Technology ■ Music ■ A third language
BSW – Bachelor of Social Work BA Sport and Leisure Studies BA – General BA (Law) BA Languages BPolSci (International Studies) BPolSci (Political Studies) BSocSci (Industrial Sociology and Labour Studies) BHCS (Heritage and Cultural Tourism) BA Fine Arts BA Information Design BA (Visual Studies) BA (Drama) BA (Music) BMus	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Life Sciences ■ Accounting ■ Computer Application Technology ■ Tourism ■ Dramatic Arts ■ Visual Arts ■ Music ■ A third language
BSocSci Option: Philosophy, Politics and Economy [PPE]	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Accounting ■ Computer Application Technology ■ History ■ Business Studies ■ Economics ■ Information Technology ■ Religion Studies ■ A third language

Faculty of Veterinary Science

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BVSc (Bachelor's degree in Veterinary Science)	<ul style="list-style-type: none"> ■ TWO languages of which English should be one on Home Language level or First Additional Language level ■ Mathematics ■ Physical Science ■ Life Orientation 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ■ Accounting ■ Computer Application Technology ■ Economics ■ Geography ■ Life Sciences ■ Agricultural Science ■ A third language
DipVetNurs (Diploma in Veterinary Nursing)	<ul style="list-style-type: none"> ■ TWO languages of which English should be one on Home Language level or First Additional Language level ■ Mathematics ■ Physical Science ■ Life Sciences ■ Life Orientation 	<p>Please note that any ONE other recognised NSC/IEB 20 credit subject must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ■ Accounting ■ Computer Application Technology ■ Geography ■ Agricultural Science ■ A third language

Faculty of Theology

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BDiv – Bachelor of Divinity (for admission to MDiv studies) BTh – Bachelor of Theology DipTheol – University Diploma in Theology	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ■ Accounting ■ Computer Application Technology ■ Music ■ Dramatic Arts ■ History ■ Religion Studies ■ A third language

Faculty of Natural and Agricultural Sciences

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BSc (Biochemistry) BSc (Biological Sciences) BSc (Biotechnology) BSc (Ecology) BSc (Zoology) BSc (Entomology) BSc (Genetics) BSc (Human Genetics) BSc (Human Physiology) BSc (Human Physiology, Genetics and Psychology) BSc (Medical Sciences) BSc (Microbiology) BSc (Plant Science) BSc (Chemistry) BSc (Physics) BSc (Geography) BSc (Geoinformatics) BSc (Geology) BSc (Meteorology) BSc (Environmental Sciences) BSc (Environmental and Engineering Geology) BSc (Food Management) BSc (Food Science) BSc (Nutrition) BScAgric (Food Science and Technology) BScAgric (Agricultural Economics/ Agribusiness Management) BScAgric (Animal Science) BScAgric (Animal Science/Pasture Science) BScAgric (Plant Pathology) BScAgric (Applied Plant and Soil Sciences)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any TWO other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <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 (Actuarial and Financial Mathematics) BSc (Mathematics) BSc (Applied Mathematics) BSc (Mathematical Statistics)	<ul style="list-style-type: none"> ■ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <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>

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Faculty of Natural and Agricultural Sciences

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
BConsumer Science (Clothing: Retail Management) BConsumer Science (Foods: Retail Management) BConsumer Science (Hospitality Management)	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for these study programmes:</p> <ul style="list-style-type: none"> ▪ Computer Application Technology ▪ Physical Science ▪ Life Sciences ▪ Consumer Studies ▪ Hospitality Studies ▪ Economics ▪ Business Studies ▪ Accounting ▪ A third language

Faculty of Law

Study programme	Required subjects that have to be included in the NSC/IEB Grade 10 subject package	Other subjects that may be included in the NSC/IEB Grade 10 subject package
LLB	<ul style="list-style-type: none"> ▪ TWO languages of which English or Afrikaans 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 	<p>Please note that any THREE other recognised NSC/IEB 20 credit subjects must be included.</p> <p>HINT: Examples of popular school subjects that may be considered for this study programme:</p> <ul style="list-style-type: none"> ▪ Accounting ▪ Computer Application Technology ▪ Dramatic Arts ▪ History ▪ Business Studies ▪ Economic ▪ A third language

University of Pretoria contact information

Learners and parents are most welcome to contact the Student Recruitment and Retention Division at the University for any enquiries and advice.

Tel +27 (0)12 420 3111
Email csc@up.ac.za
Website www.up.ac.za

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University of Pretoria, cnr Lynnwood Road and Roper Street, Hatfield

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