Undergraduate Faculty Brochure

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Veterinary Science

Fakulteit Veeartsenykunde
Lefapha la Disaense tša Bongakadiruiwa

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MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Veterinary Science

Prof Vinny Naidoo, Dean: Faculty of Veterinary Science, University of Pretoria

As the only Faculty of Veterinary Science in South Africa, we have the unique responsibility of training all the country's veterinarians and veterinary nurses—a proud history now spanning over 100 years, with our centenary veterinary class graduating in May 2025. In addition, we are also responsible for driving advancements in veterinary science, with our specialist veterinary programmes. Our faculty furthermore also trains highly specialised professionals who are essential to supporting South Africa's farming sector and advancing animal welfare. We are proud to be recognised as the leading Faculty of Veterinary Science in Africa and to enjoy broad international recognition.

In 2024, our faculty was ranked 41st globally among all veterinary schools in the international Shanghai Rankings and placed in the top 51–70 in the QS World University Subject Rankings for 2024/25—affirming our position as a global provider of veterinary education.

While we are proud of our international standing, we remain deeply committed to local relevance. Our passion lies in meeting the unique needs of South Africa—not only in commercial farming but also in primary animal healthcare. Our veterinarians and veterinary nurses actively assist rural communities and smallholder farmers, supporting livestock production and disease control. In doing so, they help enhance food security, promote economic development, and uplift the lives of livestock owners.

Our graduates and research programmes play a critical role in safeguarding both public and animal health, improving biosecurity and welfare, and ensuring the wellbeing of companion animals. We offer two undergraduate degrees: the Bachelor of Veterinary Science and the Bachelor of Veterinary Nursing. The high standard of our training ensures that our graduates are well-prepared to pursue postgraduate opportunities at leading institutions across the globe.

The faculty also offers a range of postgraduate qualifications, with graduates making meaningful contributions to disease control, research, and innovation. Our academic and research activities cover the full spectrum of veterinary science—addressing the needs of companion animals, production animals, and wildlife of all sizes.

Our faculty is based on a dedicated, specialised campus that houses five academic departments, various research centres, a research chair, and the cutting-edge Onderstepoort Veterinary Academic Hospital (OVAH)—the main hub for our practical training. In addition, students benefit from firsthand clinical experience in surrounding communities, as well as at the Hluhvukani Clinic near the Orpen Gate of the Kruger National Park. These settings offer exposure to fields such as production animal medicine, herd health, state veterinary medicine, wildlife medicine, community medicine, and welfare practice.

The Onderstepoort Campus stands shoulder-to-shoulder with the best veterinary campuses globally. It is a vibrant environment offering a range of social, cultural, and sporting activities both on and off campus. We are proud to foster an excellent academic atmosphere, reflected in our impressive undergraduate average pass rate of 98%.

During your time at this beautiful campus, you will be supported in developing into a well-rounded, capable individual—ready to embark on a fulfilling and impactful career as a veterinary professional.

We look forward to welcoming you to the Onderstepoort Campus of the University of Pretoria—the home of animal health.

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FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Veterinary Science

AT A GLANCE

Responsible for **100%** of all South African veterinary science degrees

Top 51-100
globally in the QS World University Subject Rankings

Top 91
globally for Veterinary Sciences in the 2024-2025 University Ranking by Academic Performance rankings

98%
undergraduate student pass rate

51%
of academic staff hold doctoral degrees

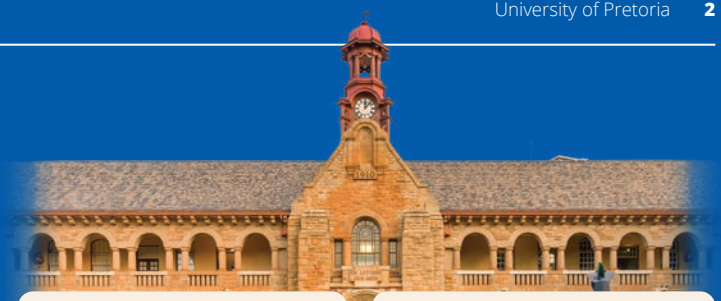
Home to the world's leading laboratory for DNA typing of rhinoceros

The **Bachelor of Veterinary Science degree** is recognised by the Royal College of Veterinary Surgeons (UK) and the Australasian Veterinary Boards Council (Australia, New Zealand and Tasmania)

Involved in **community engagement initiatives**, including mobile clinics, the Hluvukani Animal Clinic, Mamelodi Community Clinic and the Vetsco student-led outreach programme

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

GENERAL OVERVIEW

Acronyms

ACE	Accelerated Christian Education
APS	Admission Point Score
AVBC	Australasian Veterinary Boards Council
CCS	Compulsory Community Service
DALRRD	Department of Agriculture, Land Reform and Rural Development
GED	General Education Development Test
IEB	Independent Examination Board
NCV	National Certificate Vocational
NQF	National Qualifications Framework
NSC	National Senior Certificate
OVAH	Onderstepoort Veterinary Academic Hospital
RCVS	Royal College of Veterinary Surgeons
SADC	Southern African Development Community
SAVC	South African Veterinary Council
SANDF	South African National Defence Force
SAPS	South African Police Service
SOT	School of Tomorrow
TOEFL	Test of English as Foreign Language
UMAS	University Module Achievement Score
USAf	Universities South Africa
VCN	Veterinary Council of Namibia

General overview of the Faculty of Veterinary Science

The Faculty has the following departments, divisions and centres:

Academic departments:
- Department of Anatomy and Physiology
- Department of Veterinary Tropical Diseases
- Department of Paraclinical Sciences
- Department of Production Animal Studies
- Department of Companion Animal Clinical Studies

Faculty administration
- General administration
- Finances
- Human resources
- Marketing, communication and fundraising

Student administration
- Provides full logistical support to academic departments, students and staff for all undergraduate and postgraduate degree programmes.
- Provides student and academic administration support services in collaboration with similar service providers on the Hatfield Campus of the University.

Centres
- Equine Research Centre (ERC)
- Centre for Veterinary Wildlife Research (CVWR)
- University of Pretoria Biomedical Research Centre (UPBRC)

Teaching and Learning support services
- Onderstepoort Teaching Animal Unit (OTAU)
- Onderstepoort Skills Laboratory

Onderstepoort Veterinary Academic Hospital (OVAH)
- A state-of-the-art facility for year-round clinical and referral services
- Satellite community clinics
- Experiential work-integrated training for students

Student support services
- Student Health Services (on-site nurse and doctor's appointments)
- Student Counselling Unit (on-site psychologist appointments)
- Academic Success Coach (on-site appointments for assistance with time management, study methods, stress management, financial assistance and tutor support)
- The Disability Unit (situated on the Hatfield Campus)

The Faculty of Veterinary Science is based on the Onderstepoort Campus.

Google map	http://goo.gl/gwjdO9
GPS coordinates	S 25° 38′ 52″ E 28° 10′ 54″ (22 km from Hatfield Campus)

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as applications open on 1 April.
- The closing date for applications for study programmes in the Faculty of Veterinary Science is 31 May.
- The closing date for selected applications received via DALRRD and SANDF is two weeks before the commencement of classes for semester 1.
- Selection for Category A applicants will be finalised by the end of June.
- Selection for Categories B and D will be finalised by the end of September.
- Selection for Category C will be finalised in January.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific general admission regulations

1. As the only faculty of its kind in the RSA, the Faculty of Veterinary Science (FVS) has a particular responsibility to ensure that the student body is representative of the demographics of the country in order to meet the national needs for trained veterinarians and veterinary nurses.
2. Applicants with General Education Development Test (GED) and School of Tomorrow (SOT) qualifications will not be considered for admission.
3. Selection in each of the categories (see Annexures C and D) is based on merit.
4. If there are too few applicants who meet the minimum requirements in a category, the Faculty Selection Committee (FVS) can give those places to applicants from another category.
5. The total number of places available will be decided by the Faculty Selection Committee, taking into account the teaching facilities and resources available.
6. Applicants are placed into categories based on their Merit Point Score (see Annexures C and D for how this is calculated).
7. Applicants with the highest scores in each category are chosen until all places are filled. The cut-off score depends on how many people apply and the level of achievement of applicants.
8. Applicants may be asked to take part in extra selection activities, such as interviews or additional tests.
9. Applicants who are admitted or conditionally selected will be notified by 30 September. Those in the second-round selection for school-leaving applicants (Category A2) will be notified about a week after the final Grade 12 results are released.
10. Admission for conditionally selected applicants will be confirmed once the NSC results for that year are available.
11. If places open up after selection because of cancellations or forfeitures, they will be offered to applicants on the ranking list for that category until the end of orientation week. Places must be taken up by the end of the first week of lectures.
12. Applicants from countries other than South Africa* must follow all UP and Department of Home Affairs regulations for foreign students.
13. Applicants with more than one citizenship, including South African citizenship, will be treated as South African citizens.
14. In terms of the Immigration Act, foreigners who are permanent residents in South Africa are not categorised as foreign applicants.
15. All applicants must state any disabilities in their applications. While reasonable support can be provided where possible, students must still be able to meet the physical demands of the course.
16. Leaving out important information on purpose, or giving false information, may lead to immediate cancellation of the application, admission or registration.

School Leavers

17. To be considered in the school leaver's category, candidates should have completed Grade 11 or the NSC (or equivalent) and not have been registered at any higher education institution for any degree, diploma, or certificate course.
18. Applicants with Mathematical Literacy and Technical Mathematics will not be considered for admission. Only Mathematics will be considered for selection.
19. School-leaving applicants are conditionally selected based on their Grade 11 results.
20. Students taking a gap year after completion of their NSC or equivalent qualification will be considered on their final schooling marks (please refer to point 17 above).
21. School-leaving applicants who are conditionally selected on their Grade 11 results will lose their places if their final NSC (or equivalent) results no longer meet the minimum requirements. They will also lose their places if their final Merit Point Score is more than 5% lower than their Grade 11 score used for selection.
22. Applicants who lose their place because of their final NSC (or equivalent) results may be considered again in the second round of selection (Category A2) after the matric results are released.
23. Losing a place cannot be reversed based on amended NSC (or equivalent) results after remarking of exam papers.

Transferring Students

24. Applicants in a Bachelor of Science 4-year programme or a Bachelor of Science in Agriculture 5-year programme, must complete the first three semesters with the correct modules to be eligible for selection into the Bachelor of Veterinary Science or Bachelor of Veterinary Nursing programmes.
25. Bachelor of Science students in years 1 to 3 (Categories B1, B2, B3) who have failed a year, failed a module at the time of selection, or needed to complete a winter/summer school will not be considered for transfer.
26. Applicants conditionally selected into the second year of the Bachelor of Veterinary Science programme based on previous university studies will lose their place if they do not pass all required modules for entry into year two.
27. Applicants conditionally selected into the second year of the Bachelor of Veterinary Science programme based on previous university studies will lose their place if they have not passed all required modules and earned 120 credits in one calendar year.
28. In exceptional cases, and if places are available, the Faculty Selection Committee may consider transferring a student from another veterinary programme. The Committee decides the level of entry based on Faculty rules. Transfers from other institutions into Bachelor of Veterinary Science III, IV, V, or final year will not be allowed. The transfer programme must meet the World Organisation for Animal Health (OIE) and South African Qualifications Authority (SAQA) veterinary requirements. The Faculty may review the syllabus or request a SAQA equivalence certificate. Candidates must also meet the Category B4 or D3 entry requirements.
29. Transferring students from other institutions can only be considered for Bachelor of Veterinary Science I.
30. Transferring from the Bachelor of Veterinary Nursing programme to the Bachelor of Veterinary Science programme is not allowed.

University of Pretoria website	www.veterinary.up.ac.za
Enquiries	leonie.johnson@up.ac.za

Application requirements

- The closing date for applications for programmes in this faculty is 31 May.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

*Applicants who are not South African citizens

UNDERGRADUATE PROGRAMMES

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Veterinary Science [6 years]	5	5	5	**35**
Proposed second choice programmes for Bachelor of Veterinary Science are Bachelor of Science in Zoology and Bachelor of Science in Agriculture in Animal Science. These programmes are also recommended for applicants who intend to apply again for a transfer to the Bachelor of Veterinary Science programme in 2028 or later. **Note:** Students who intend to apply for Bachelor of Veterinary Science may register for Bachelor of Science in Zoology or Bachelor of Science in Agriculture in Animal Science modules, including Medical Terminology (MTL 180).				
Careers: Veterinary private practice (small animals, farm animals, equine and wildlife), state veterinary services, diagnostic laboratories, veterinary public health (milk and meat hygiene, disease control), technical services, research and product development in the pharmaceutical and food industries, consultancy, laboratory animal management, wildlife management, poultry and pig production, animal welfare, research and academia. Further details appear on page 8.				
Bachelor of Veterinary Nursing [3 years]	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences or Life Sciences**	**28**
	4	4	4	
For advice on a second-choice programme for Bachelor of Veterinary Nursing, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				
Careers: Veterinary nurses are employed in veterinary clinics and hospitals, specialist veterinary facilities, the pharmaceutical industry, the animal food industry, animal welfare societies, zoological gardens, game parks, laboratory animal units, rehabilitation centres, research centres, animal boarding establishments, organised agriculture, dairies, farming operations. Further details appear on page 11.				

International applicants and other schooling systems

- Conversion of scores: If you completed another schooling system (IGCSE, LGCSE, BGCSE, SGCSE, GCSE, HIGCSE, NSC, O Level, AS Level, A Level, IBSL, IBHL or Abitur), refer to Annexure A for how your scores are converted to the South African NSC equivalent.
- Physical Sciences: If Physics and Chemistry are taught as separate subjects in your system, you must meet the minimum required level in both subjects.
- See the International Undergraduate Prospectus 2027 at www.up.ac.za/programmes > Undergraduate > Admission information.
- Foreign applicants: Students from outside South Africa must comply with all UP and Department of Home Affairs regulations for international students.
- Multiple citizenships: Applicants with South African citizenship (even if they hold other citizenships) will be considered South African applicants.
- Not accepted: GED, Accelerated Christian Education (ACE), and School of Tomorrow qualifications are not accepted for admission.
- Giving false information, or leaving out important information, may result in the cancellation of your application, admission or registration.

The Merit Point Score

The Merit Point Score (see Annexures C and D) is calculated as follows:

- For school leavers the NSC/IEB Grade 11 scores (or equivalent) are used to determine conditional admission:
  - Mathematics contributes 40% for Bachelor of Veterinary Science and 50% for Bachelor of Veterinary Nursing,
  - English contributes 20% for Bachelor of Veterinary Science and 50% for Bachelor of Veterinary Nursing, and
  - Physical Sciences in the case of Bachelor of Veterinary Science only contributes 40%.
- For applicants with university exposure, the following are used to determine the Merit Point Score:
  - UMAS contributes 100% (See Annexure B)

Discontinuation of the Veterinary Science Value-added Form (VSVAF) and the Veterinary Nursing Value-added Form (VNVAF)

Important for Applicants

- The Faculty of Veterinary Science will no longer use the Veterinary Science Value-added Form (VSVAF) or the Veterinary Nursing Value-added Form (VNVAF) in the selection process.
- These forms were discontinued because it has become difficult to arrange farm visits (biosecurity rules) and visits to government veterinary institutions.

What you should still do

- Even though the forms are discontinued, it is still highly recommended that you spend time in a veterinary setting before applying.
- Try to shadow vets in:
  - farm and food animal practices
  - small animal practices
  - government/state veterinary services
  - animal welfare organisations
  - or other kinds of practices

Why this matters

- These experiences help you understand what the profession is really like. Veterinary work can be emotional.
- Applicants are encouraged to see:
  - an animal being put down (euthanasia) for humane reasons
  - an animal being slaughtered for human consumption
  - an animal giving birth
- Every vet student and vet nurse will experience these situations in training. You should feel comfortable knowing this will be part of your studies and future career.

VETERINARY SCIENCE

Bachelor of Veterinary Science

The full-time Bachelor of Veterinary Science programme is offered by the Faculty of Veterinary Science of the University of Pretoria, the only faculty of its kind in South Africa.

Entry into the Bachelor of Veterinary Science programme is highly competitive due to the popularity of the programme and limited available spaces. Selection is based on academic merit. Read in conjunction with Annexure C (pages 15-17).

A video about the Bachelor of Veterinary Science curriculum is available at: https://youtu.be/kmwL-XcXgPc

What does the programme entail?

- The Bachelor of Veterinary Science (BVSc) is a six-year programme. The first four and a half years (nine semesters) focus on the core curriculum. After that, students complete:
  - 18 months of work-integrated training (core and elective areas)
  - plus a research project.
- The Bachelor of Veterinary Science programme combines different ways of learning, such as:
  - Lectures and electronic learning opportunities
  - Discussions, demonstrations and seminars
  - Assignments and community engagement projects
  - Group work, practical sessions and clinical work
- Most clinical training takes place at the Onderstepoort Veterinary Academic Hospital and its community clinics.
- Students will also gain experience in a variety of real-world settings, including:
  - Private veterinary practices
  - State veterinary services
  - Commercial and small-scale farms
  - Abattoirs
  - Other related industries
- The programme's first year is a biological science foundation year and is presented on the Hatfield Campus. The remaining veterinary-specific years are offered at the Onderstepoort Campus.
- **Veterinarians and personal wellbeing:** A career in veterinary science is challenging but rewarding. The Bachelor of Veterinary Science programme and the veterinary profession require a high level of mental resilience.
- Applicants with prior or current mental health concerns should:
  - Think carefully before choosing this career
  - Seek professional advice if needed

VETERINARY SCIENCE

State veterinary services

Many veterinarians work as state or provincial veterinarians in government service. They provide important services such as:
- Diagnosis and surveillance of important animal diseases that must be reported to authorities
- Monitoring, controlling, preventing and eradicating animal diseases
- Managing the import and export of animals and animal products
- Ensuring food safety and security

In areas without private veterinary practices, state veterinarians also provide clinical services. Veterinarians may also work in the South African National Defence Force (SANDF) or the South African Police Service (SAPS).

Private practice

Most veterinarians in South Africa work in private practice:
- Running their own practice
- In partnerships
- As assistants or locums

Specialisations in private practice include:
- Production animal practice – treating livestock such as cattle, sheep, goats, pigs, poultry and game
- Companion animal practice – treating pets like dogs, cats, horses and cage birds
- Mixed practice – treating both pets, livestock and wildlife

Services offered by private practitioners include:
- Clinical care and treatment
- Disease prevention strategies
- Advice and consultation on nutrition, animal management, production, reproduction and biotechnology

Research and academia

Research: Work can cover veterinary, agricultural and biomedical sciences, addressing problems that affect both animals and humans.

Academia: Graduates can teach at veterinary, medical, agricultural and natural science institutions, conduct research, engage with communities and provide clinical services.

Private, state and provincial diagnostic laboratories

Graduates can provide routine or forensic diagnostic services involving pathology, clinical pathology, microbiology and toxicology.

The **Department of Agriculture, Land Reform and Rural Development (DALRRD)** employs all South African Bachelor of Veterinary Science graduates for 12 months' **Compulsory Community Service (CCS)** after completing the Bachelor of Veterinary Science programme and before graduates are allowed to practice as veterinarians in South Africa for any other employer including self-employment. For more information, visit www.dalrrd.gov.za.

CAREER OPPORTUNITIES

Veterinary public health

Veterinarians play a key role in food security and the production of safe food for people. They ensure meat and milk hygiene in abattoirs and milk processing plants.

On farms, they work to maintain and improve animal health. In veterinary public health, veterinarians help control zoonotic diseases (diseases that can spread from animals to humans).

Specialist services

Veterinarians can offer specialised services for farm animals and pets. Examples include:
- Consulting in the pig and poultry industries
- Working in feedlots
- Specialist practices such as surgery, internal medicine, ophthalmology or dentistry

To work in a specialist practice, veterinarians must:
- Have the required postgraduate qualification
- Be registered with the South African Veterinary Council (SAVC) as a specialist veterinarian

Wildlife management

Veterinarians may pursue career opportunities in wildlife ranching, conservation and zoological institutions. This has been a growing field in recent years.

Commerce

Veterinarians can work in research and product development for:
- The pharmaceutical industry
- The animal feed industry

They may also provide technical advice in sales and management.

Laboratory animal welfare

Veterinarians play an essential role in caring for laboratory animals. They monitor the use of animals in experiments. They provide advice on ethical issues related to animal research.

Poultry production

The poultry industry supplies large amounts of animal protein for people. Veterinarians play a key role in food security within this industry.

Animal welfare

Veterinarians work closely with welfare organisations, providing:
- Clinical services
- Advice and guidance
- Management support

They help ensure animal welfare by promoting:
- Good husbandry (proper care and management of animals, including feeding, housing and breeding) and nutrition
- Disease prevention strategies
- Safe and effective production systems

International employment

Graduates from the Faculty are highly respected both in South Africa and internationally. TheBachelor of Veterinary Science degree from the University of Pretoria is accredited for registration as a veterinarian in:
- The United Kingdom (Royal College of Veterinary Surgeons)
- Australia and New Zealand (Australasian Veterinary Boards Council)
- Namibia (Veterinary Council of Namibia)

More information

- **South African Veterinary Association (SAVA):** www.sava.co.za
- **SAVA Young members:**
- www.facebook.com/SAVAyoungmembers
- **South African Veterinary Council (SAVC):** www.savc.org.za

VETERINARY SCIENCE

Who is the ideal candidate?

Veterinary science is ideal for people who enjoy working with people, love animals and are interested in biomedical sciences. Many see veterinary work as a "calling"—it involves the mind, body and heart.

While love for animals is important, the profession also requires empathy and compassion, a passion for improving people's lives through food safety and security, and care for animals, their owners and farmers.

The course and career are demanding, requiring mental and emotional resilience, dedication and hard work. They often involve long and irregular hours, physically challenging tasks and situations that test your tolerance levels. Success in veterinary science depends on the ability to work well with both animals and people, with strong people skills being especially important.

What makes this programme unique?

The Bachelor of Veterinary Science is regarded as level 8 of the National Qualifications Framework (NQF), enabling the graduate to enter postgraduate programmes at the master's level.

Accreditation and professional registration

The Bachelor of Veterinary Science degree is fully accredited, and graduates are eligible to register as veterinarians in South Africa, Namibia, the United Kingdom, Australia and New Zealand without needing to pass additional professional examinations. Practice in other countries may require the passing of a national veterinary exam (board exam).

The South African Veterinary Council (SAVC) sets the ethics and standards for veterinary education and practice in South Africa. All students must register with the SAVC when they first start the Bachelor of Veterinary Science programme, renew their registration each year, and follow the Council's rules. Registration with the SAVC is required to practice as a veterinarian in South Africa.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Veterinary Science [6 years]	5	5	5	**35**

Proposed second choice programmes for Bachelor of Veterinary Science are Bachelor of Science in Zoology and Bachelor of Science in Agriculture in Animal Science. These programmes are also recommended for applicants who intend to apply again for a transfer to the Bachelor of Veterinary Science programme in 2028 or later.
Note: Students who intend to apply for Bachelor of Veterinary Science may register for Bachelor of Science in Zoology or Bachelor of Science in Agriculture in Animal Science modules, including Medical Terminology (MTL 180).

Careers: Refer to the 'Career opportunities' section on page 8.

Contact information Ms Leonie Johnson | **Email** leonie.johnson@up.ac.za | **Website** www.up.ac.za/faculty-of-veterinary-science

VETERINARY NURSING

Bachelor of Veterinary Nursing

Entry into the Bachelor of Veterinary Nursing programme is highly competitive due to its increasing popularity and limited available spaces. Selection is based on academic merit.

What does the programme entail?

- The Bachelor of Veterinary Nursing programme requires three years of full-time study. The first and second years focus on didactic (classroom-based, theory-focused) teaching and practical skills training.
- In the third (final) year of the programme, students undergo work-integrated clinical training.
- The Bachelor of Veterinary Nursing programme combines different ways of learning, such as:
  - Lectures and electronic learning opportunities
  - Discussions and demonstrations
  - Assignments and community engagement projects
  - Group work, practical sessions and clinical work
- Most clinical training takes place at the Onderstepoort Veterinary Academic Hospital and its community clinics.
- Students will also gain experience in a variety of real-world settings, including private veterinary practices and other facilities.
- Student support provided includes tutoring and academic support.
- A graduate who successfully completed the programme will have received broad-based training in veterinary nursing. It is regarded to be at the National Qualifications Framework (NQF) level 7. A graduate can enter a postgraduate diploma in veterinary nursing, which is at NQF level 8.

A video about the Bachelor of Veterinary Nursing curriculum is available at:
https://drive.google.com/file/d/12aIg1sCNkM5vOL2jeS36S1sfx3FIvhLk/view?usp=drive_web

VETERINARY NURSING

Who is the ideal candidate?

Veterinary nursing requires a dedicated and motivated person who enjoys working with animals and their owners. Veterinary nurses are professional team members who work closely with veterinarians and must show responsibility, organisation and patience.

Important qualities include self-discipline, compassion, honesty, dedication and a sense of humour. The programme is demanding and requires hard work, often with long and irregular hours. Success depends on the ability to work well with both people and animals.

What makes this programme unique?

Accreditation and professional registration

The Bachelor of Veterinary Nursing programme is accredited by the **South African Veterinary Council (SAVC)**.

The SAVC sets the ethics and standards for veterinary nursing education and practice in South Africa. All students must register with the SAVC when they first start the Bachelor of Veterinary Nursing programme, renew their registration each year, and follow the Council's rules. Registration with the SAVC is required to practice as a veterinary nurse in South Africa.

Career opportunities

Private practice

Veterinary nurses can work in urban or rural private practices, either mixed practices treating both pets and farm animals or specialised practices focusing on specific species such as dogs, cats or horses. They assist with anaesthesia, manage operating theatres, provide intensive care, perform radiography and laboratory analysis, care for animal patients, implement disease prevention strategies, and help with administration and practice management.

Industries

Veterinary nurses can find employment at the Onderstepoort Veterinary Academic Hospital, as well as in the pharmaceutical and animal feed industries.

State veterinary services

Veterinary nurses are employed by provincial and national government departments and work with animal welfare societies across South Africa.

Research and conservation

Veterinary nurses can work in zoological gardens, game parks, laboratory animal units and research centres.

They may also be employed at rehabilitation centres, boarding establishments, organised agriculture, dairies and farming operations.

More information

Veterinary Nursing Association of South Africa (VNASA):
www.vnasa.net

South African Veterinary Council (SAVC):
www.savc.org.za

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	
Bachelor of Veterinary Nursing [3 years]	4	4	4	**28**
For advice on a second-choice programme for Bachelor of Veterinary Nursing, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				
Careers: Refer to the 'Career opportunities' section on this page.				

ANNEXURES

Annexure A

UP percentage conversion table

The following table may be used to **convert symbols and numbers into a UP percentage** when applying for studies at the University of Pretoria.

Note:
- USAf exemption certificate is required for final admission to all programmes.
- Candidates must meet faculty-specific requirements before they will be considered for *conditional* admission and/or *final* admission.

These qualifications will be considered for *final* admission									
Percentage awarded by UP (equivalent to the NSC achievement level)	**HIGCSE/ NSSC HL**	**AS Level**	**A Level**	**IB**		**KCSE**		**NCV % (Performance level)**	
		GCE CIE NSSC AS UACE	GCE CIE CGCE WAEC ZGCE	IB SL	IB HL			Fundamental	Vocational
100% (7)						81-100	A		
95% (7)			A*		7				
90% (7)	1	A	A	7	6				
85% (7)			B	6	5				
80% (7)			C			74-80	A-	80% (7)	80–100% (5)
75% (6)	2	B	D	5	4				
70% (6)						67-73	B+	70% (6)	70–79% (4)
65% (5)		C		4	3	60-66	B		
60% (5)	3		E					60% (5)	
55% (4)		D		3	2	53-59	B-		
50% (4)				2		46-52	C+	50% (4)	50–69% (3)
45% (3)	4	E		1	1	39-45	C		
40% (3)									40–49% (2)

The University of Pretoria will only accept an official Cambridge Certificate (Statement of Results) that displays the date of birth, candidate and centre number. No predicted results will be considered for admission.

AS Level—Advanced Subsidiary Level
- General Certificate of Education (GCE) AS Level – (Issued by the governing body, Ofqual, in the UK)
- Cambridge International Examination (CIE) AS Level
- Pearson Edxcel

A Level—Advanced Level
- General Certificate of Education (GCE) A Level – (Issued by the governing body, Ofqual, in the UK)
- Cambridge International Examination (CIE) A Level
- Pearson Edxcel
- **WAEC** —West African Examination Council Certificate (GCE)
- **ZGCE**—Zimbabwe General Certificate of Education

IB SL—International Baccalaureate (Standard Levels)
IB HL—International Baccalaureate (Higher Levels)

KCSE—Kenya Certificate of Secondary Education

NCV—National Certificate Vocational

ANNEXURES

Annexure A (continued)

These qualifications will be considered for *final* admission														
Percentage awarded by UP (equivalent NSC achievement level)	ZEUGNIS DER ALLGEMEINEN HOCHSCHUL-REIFE/ABITUR (Germany)	BACCALAU-RÉAT GÉNÉRAL (France) AND CERTIFICADO DE FIM DE ESTUDOS SECUNDÁRIOS (Portugal)	HIGH SCHOOL DIPLOMA (Canada)							HIGH SCHOOL DIPLOMA (United States of America*)			AP (College Board*)	
			Alberta		British Columbia/Yukon			Ontario						
			%	Grade	%	Grade	GPA	%	Grade	%	Grade	GPA	Grade	APS
100% (7)	15	20								97–100	A+	4.0		
95% (7)	14	19	90–100	A+	86–100	A	4	90–100	A+	93–96	A	4.0	A+ A	5
90% (7)	13	18	85–89	A	73–85	B	3	80-–89	A	90–92	A-	3.7		
85% (7)	12	17	80–84	A-	67–72	C+	2.5	70–79	B	87–89	B+	3.3	A- B+ B	4
80% (7)	11	16	77–79	B+	60–66	C	2	60–69	C	83–86	B	3.0	B- C+ C	3
75% (6)	9 to 10	15	73–76	B	50–59	C-	1	50–59	D	80–82	B-	2.7		
70% (6)	8	14	70–72	B-	0–49	Failed	0	0–49	Failed	77–79	C+	2.3		
65% (5)	7	13	67–69	C+						73–76	C	2.0		
60% (5)	6	12	63–66	C						70–72	C-	1.3		
55% (4)	5	11	60–62	C-						67–69	D+	1.0		
50% (4)	4	10	55–59	D+						63–66	D	0.7		
45% (3)			50–54	D						60–62	D-	0.0		
40% (3)			0–49	F										

Zeugnis der Allgemeinen Hochschulreife/Abitur—German school-leaving certificate
Baccalauréat Général—France, Monaco and other French territories school-leaving certificate
Certificado de Fim de Estudos Secundários—Portugal school-leaving certificate
*SAT is compulsory for High School Diploma or equivalent qualifications

High School Diploma—Canada school-leaving certificate
High School Diploma—United States of America (USA) school-leaving certificate
Advanced Placement—College Board

School leaving qualifications from countries not mentioned above, e.g., New Zealand, Spain, Morocco, Scotland, Australia etc.: These qualifications will also be considered provided they comply with USAf exemption requirements for a complete/foreign exemption certificate. Faculties will determine admission requirements based on the school subjects passed and their symbols/percentages.

These qualifications will be considered only for conditional admission If final AS and/or A levels have been completed, this table will not apply. This table can also not be used for final admission and or registration.			
Percentage awarded by UP (equivalent to the NSC achievement level)	GCSE*		
	CIE IGCSE LGCSE BGCSE EGCSE O Level NSSC OL CGCE UCE NECO WAEC WASSCE ZGCE	**UK** England Wales Northern Ireland Pearson Edexcel GCSE	**UGANDA** UCE
100% (7)			
95% (7)			
90% (7)	A*	9	1-2
85% (7)	A	8	
80% (7)		7	
75% (6)	B	6	3-4
70% (6)		5	
65% (5)	C	4	5-6
60% (5)			
55% (4)	D	3	
50% (4)			
45% (3)			
40% (3)	E	2	

The University of Pretoria will only accept an official Cambridge Certificate (Statement of Results) that displays the date of birth, candidate and centre number. No predicted results will be considered for admission.

GCSE—General Certificate of Secondary Education (CIE and UK Cambridge)
This includes:
- CIE: Cambridge International Examination
- IGCSE: International General Certificate of Secondary Education
- LGCSE: Lesotho General Certificate of Secondary Education
- BGCSE: Botswana General Certificate of Secondary Education
- EGCSE: Eswatini General Certificate of Secondary Education

O Level—Ordinary Level This includes:
- NSSC OL: Namibia Senior Certificate (Ordinary level)
- CGCE: Cameroon General Certificate of Education
- UCE: Uganda Certificate of Education
- NECO: Nigeria National Examination Council
- WAEC: West African Examination Council
- ZGCE: Zimbabwe General Certificate of Education

* Some African school leaving qualifications are not considered as equivalent to Grade 12 and may not be eligible for the certificate, complete or foreign conditional exemption issued by USAf. Please contact USAf for more information.

ANNEXURES

Annexure B

Calculation of the University Module Achievement Score (UMAS) for applicants with previous university exposure

The University Module Achievement Score (UMAS) for applicants currently registered at a tertiary institution is calculated from their academic performance during the last three semesters of study. For applicants who are no longer registered and have already completed a qualification, the UMAS is calculated from their academic performance in the final year of study.

Applicants from other universities must enter their completed module codes, names, final grades, credits and year completed on the UP Student Portal by 15 August, covering a minimum of 120 credits. Failed modules must be captured as well. All captured information will be validated before the university module achievement score (UMAS) will be calculated. All transcripts (academic records) for completed modules must be uploaded on the UP Student Portal. UP students' results will be transferred automatically and do not need to be entered manually.

The UMAS calculation is based on the number of completed subjects/modules. The formula returns a score which has a maximum value of 100 (excluding bonus points).

The grid below will be used to calculate the UMAS:

Number of university subjects	Results/grades obtained per university subject				
	>75%	70–74%	60–69%	50–59%	<50%
3	25.0	20.0	16.7	13.3	1.7
4	19.5	15.5	12.9	10.3	1.3
5	16.0	12.8	10.6	8.4	1.0
6	13.3	11.0	9.0	7.2	0.8
7	11.4	9.7	7.9	6.3	0.7
8	10.0	8.8	7.1	5.7	0.6
9	8.9	7.8	6.5	5.2	0.5
10	8.0	7.0	6.0	4.8	0.5
11	7.3	6.4	5.5	4.4	0.4
12	6.7	5.8	5.0	4.2	0.4
13	6.2	5.4	4.6	3.8	0.4
14	5.7	5.0	4.3	3.6	0.3
15	5.3	4.7	4.0	3.3	0.3
16	5.0	4.4	3.8	3.1	0.3
17	4.7	4.1	3.5	2.9	0.3
18	4.4	3.9	3.3	2.8	0.3
19	4.2	3.7	3.2	2.6	0.2
20	4.0	3.5	3.0	2.5	0.2
Total	**80**	**70**	**60**	**50**	**5**

Bonus points are added as follows for the highest degree obtained:

3-year Bachelor's degree completed (NQF Level 7):	+1
4-year (or more) bachelor's degree, honours degree and/or postgraduate diploma completed (NQF Level 8):	+2
Master's degree completed (NQF Level 9):	+4
Doctoral degree completed (NQF Level 10):	+5

One additional bonus point is scored for every degree and/or postgraduate qualification obtained with distinction.

ANNEXURES

Annexure C

Bachelor of Veterinary Science 08130005: Selection categories

Category		Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Maximum number of admissions per year of study			
				First year		Second year	
				Open	Designated	Open	Designated
A1	South African school leavers enrolled for the NSC or IEB: first round of selection in July	NSC or IEB (Grade 11 for conditional selection) with APS 35 **AND** English 60%; Mathematics 60%; Physical Sciences 60%	NSC or IEB (Grade 11 for conditional selection) final scores in Mathematics (40%); English (20%); and Physical Sciences (40%)	50	50	-	-
A2	South African school leavers enrolled for the NSC or IEB: second round of selection in January	NSC or IEB with APS 35 **AND** English 60%; Mathematics 60%; Physical Sciences 60%; **AND** placement on the selection list for Category A1	NSC or IEB final scores in Mathematics (40%); English (20%); and Physical Sciences (40%)	Numbers determined by cancellations and forfeited places in January of the registration year		-	-
A3	South African school leavers enrolled in other schooling systems (as defined in Annexure A)	A minimum APS score of 35 using the conversion table in Annexure A (Grade 11 equivalent for conditional selection) **AND** An equivalent of English 60%, Mathematics 60%, Physical Sciences (or Physics and Chemistry) 60% using the conversion table in Annexure A	Final (Grade 11 equivalent for conditional selection) available scores in Mathematics (40%), Physical Sciences or average for Physics and Chemistry (40%), and English (20%)	The total number of places allocated in A1 and A3 is 50 per open and designated groups. The number of places allocated to A3 will be determined in proportion to the number of applications, e.g., 500 applications of which 400 NSC or IEB and 100 others will result in 40 NSC or IEB admissions and 10 other admissions.		-	-
B1	South African applicants with university exposure: internal transfers from first year BSc (UP) (excluding the BSc 4 and 5 year Programmes)	Registered for a BSc programme at the University of Pretoria, including all fundamental modules **AND** Registered for the following specific modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161	Average of the following modules: CMY117, WTW134, MLB111, and PHY131 (100%)	-	-	17	13
B2	South African applicants with university exposure: internal transfers from second to final year BSc (UP)	Registered for a BSc programme at the University of Pretoria **AND** completed a minimum of 120 credits including all fundamental modules **AND** Registered for or obtained credits for the following specific UP modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161	UMAS (100%) (Annexure B)	-	-	3	3
B3.1	South African applicants with university exposure: UP BSc graduates and postgraduates (BSc degree completed) (Students who completed the required modules **more than** 5 years ago)	Completed a BSc degree and/or BSc postgraduate qualification at the University of Pretoria; **AND** Obtained credits for the following specific UP modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161		2	2	-	-
B3.2	South African applicants with university exposure: UP BSc graduates and postgraduates (BSc degree completed) (Students who completed the required modules **within the** past 5 years) (May include external transfer students who completed the required modules at UP within the past 5 years)	Completed a BSc degree and/or BSc postgraduate qualification at the University of Pretoria; **AND** Obtained credits for the following specific UP modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161	UMAS (100%) (Annexure B)	-	-	2	2
B4	South African applicants with university exposure: external transfers (other universities) from second to final year BSc (medically or biologically related) programmes, and BSc graduates and postgraduates	Valid NSC or IEB with APS 35; **AND** English 60%, Mathematics 60%; Physical Sciences 60% **OR** Equivalent to first year Mathematics, Chemistry and Physics offered by UP **AND** Completed a minimum of 120 credits at South African University level	UMAS (100%) (Annexure B)	7	7	-	-

ANNEXURES

Annexure C (continued)

Bachelor of Veterinary Science 08130005: Selection categories

Category		Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Maximum number of admissions per year of study			
				First year		Second year	
				Open	Designated	Open	Designated
B5	South African applicants who completed the first year in the BSc 4- and 5 year programmes and are currently enrolled in the first year of a relevant BSc programme at UP	Completed the first year of the BSc 4 and 5 year programmes at the University of Pretoria **AND** Completed the following modules with a minimum final mark of 65% for each module: AIM111, AIM121, CMY133, CMY143, LST133, LST143, MLB133, MLB143, PHY133, PHY144, UPO120, WTW133 and WTW144 **AND** Registered for or obtained credits for the following specific UP modules: CMY117, WTW134, MLB111, PHY131, MTL180, BME120, CMY127, GTS161 and ZEN161	UMAS (100%) (Annexure B)	-	-	-	4
B6	South African applicants with university exposure: BSc graduates (BSc degree completed) registered for the final year of postgraduate studies in the Faculty of Veterinary Science, UP	Valid NSC or IEB with APS 35; AND English 60%, Mathematics 60%; Physical Sciences 60% **OR** evidence of university tuition in English, AND Mathematics, Chemistry and Physics passed at university level. **AND** BSc degree completed at a South African University or equivalent level **AND** in the final year of registration in a postgraduate diploma or MSc programme at the Faculty of Veterinary Science, UP	UMAS (100%) (Annexure B)	1		1	
C	Applicants nominated together with proof of full bursary support for a minimum of six years, by DALRRD, Provincial Departments of Agriculture, SANDF or SAPS (Nominations need to be on an official letterhead and signed by the appropriate bursary officer)	Same as for category A or B in accordance with entrance level of applicant	Same as for category A or B	10	-	-	-
D1	School leavers from countries other than South Africa, who wrote the NSC or IEB	NSC or IEB with admission to degree studies with APS 35 and English 60%; Mathematics 60%; Physical Sciences 60%	Same as for category A1	9	-	-	-
D2	School leavers from countries other than South Africa	A minimum APS score of 35 using the conversion table in Annexure A (Grade 11 equivalent for conditional selection) **AND** An equivalent of English 60%; Mathematics 60%; Physical Sciences (or Physics and Chemistry) 60% when using the conversion table in Annexure A	Final (Grade 11 equivalent for conditional selection) available scores in Mathematics (40%); Physical Sciences or average for Physics and Chemistry (40%); and English (20%)	9	-	-	-
D3	Applicants from countries other than South Africa, with university exposure	NSC or IEB with admission to degree studies with APS 35 and English 60%; Mathematics 60%; Physical Sciences 60% **OR** Mathematics, Chemistry and Physics passed at NSC (or equivalent qualification) or university level; and evidence of tuition in English or UP accepted score in Test of English as Foreign Language (TOEFL) **AND** Completed equivalent of a minimum of 120 credits at South African University level	UMAS (100%) (Annexure B)	2	-	2	-
TOTAL				**149**		**47**	

ANNEXURES

Annexure C (continued)

Bachelor of Veterinary Science 08130005: Selection categories

1. School leavers

- A school leaver is someone who has never been registered in a tertiary education programme.
- A valid NSC/IEB or equivalent qualification (See Annexure A) with admission for degree purposes.
- Subject requirements and the required Admission Point Score (APS) are indicated in the table on page 6 and in Annexure A in this brochure. The APS is calculated from the achievement levels obtained in the six 20-credit subjects of the NSC.
- Life Orientation is excluded when calculating the APS.
- For applicants in the NSC or IEB schooling systems, conditional admission is based on Grade 11 final examination results, and final admission is based on maintaining a similar performance in the NSC/IEB final examinations.
- School-leaving applicants who are conditionally selected based on their Grade 11 results will forfeit their places if their final NSC (or equivalent qualification) results no longer comply with the minimum requirements for selection. School-leaving applicants will forfeit their places if their Merit Point Scores based on their final NSC (or equivalent qualification) results are more than 5% lower than their Grade 11 Merit Point scores on the strength of which they were selected.
- For applicants from other schooling systems (as defined in Annexure A), conditional admission is granted based on the final results of the year before the last year of schooling (or an equivalent qualification). Final admission is confirmed once a certificate for admission to degree studies, or a complete or conditional exemption from USAf, has been submitted.
- Additional admission criteria may be used, including an interview and additional selection tests.

2. Applicants with previous higher education exposure

There is an opportunity for students with previous higher education experience to also apply for the Bachelor of Veterinary Science programme. Placement in either the first or second year of the Bachelor of Veterinary Science programme will depend on, among others, merit and subject choices. Applicants in this category should also consult Annexure B in this brochure for the calculation of UMAS.

3. Applicants who are not South African citizens

- A small number of students from countries other than South Africa are admitted to the programme.
- Applicants who are accepted receive a letter of confirmation from the University, which will facilitate their application for a study permit.
- A valid study permit, obtained in the country of origin, is a prerequisite for registration.
- Applicants from countries other than South Africa must comply with all UP and the Department of Home Affairs' regulations relating to students in this category.
- The APS conversion table is provided in Annexure A.

4. Conditional admission

- Conditionally admitted applicants forfeit their placement if they do not comply with the relevant conditions (refer to Annexure E).

In 2025, the Faculty of Veterinary Science proudly launched Gauteng's first—and South Africa's second—Gold Status Cat-Friendly Clinic (CFC) at its Onderstepoort Veterinary Academic Hospital (OVAH). This prestigious international accreditation, awarded by the International Society of Feline Medicine (ISFM) through the iCatCare Veterinary Society, recognises veterinary clinics that meet the highest global standards in feline care, handling and clinical design. The milestone positions OVAH as a national leader in feline health and veterinary education, and is testament to UP's commitment to excellence in animal welfare and One Health.

ANNEXURES

Annexure D

Bachelor of Veterinary Nursing 08130006: Selection categories

Category		Minimum requirements to be placed on the selection list	Calculation of the Merit Point Score	Maximum number of admissions	
				Category	
				Open	Designated
A1	South African school leavers enrolled for the NSC or IEB: first round of selection in July	NSC or IEB (Grade 11 for conditional selection) with APS 28 **AND** English 50%; Mathematics 50%; Physical Sciences or Life Sciences 50%	Applicants indicating Bachelor of Veterinary Nursing as first choice will be favoured. NSC or IEB (Grade 11 for conditional selection) final scores in Mathematics (50%); and English (50%)	16	16
A2	South African school leavers enrolled for the NSC or IEB: second round of selection in January	NSC or IEB with APS 28 **AND** English 50%; Mathematics 50%; Physical Sciences or Life Sciences 50% **AND** Placement on the selection list for category A1	NSC or IEB final scores in Mathematics (50%); and English (50%)	Numbers determined by cancellations or forfeited places in January of the registration year	
A3	South African school leavers enrolled in other educational schooling systems (IGCSE/GCSE/ NSSC OL/O level or HIGCSE/NSSC HL or A/AS level or IB Diploma or ABITUR)	A minimum APS score of 28 when using the conversion table in Annexure A. **AND** An equivalent of English 50%; Mathematics 50%; Physical Sciences or Life Sciences (or Physics and Chemistry or Biology) 50% when using the conversion table in Annexure A.	Final (Grade 11 equivalent for conditional selection) available scores in Mathematics (50%); and English (50%)	The total number of places allocated in A1 and A3 is 16 per open and designated groups. The number of places allocated to A3 will be determined in proportion to the number of applications, eg 100 applications of which 40 NSC or IEB and 10 others will result in 4 NSC or IEB admissions and 1 other admission.	
B1	Applicants with university exposure	Valid NSC or IEB with APS 28; **AND** English 50%, Mathematics 50%; Physical Sciences or Life Sciences 50% **OR** evidence of university tuition in English **AND** Mathematics, Chemistry and Physics or Biology passed at university level. **AND** Completed a minimum of 120 credits in an accredited NQF level 5 or higher programme.	Applicants indicating Bachelor of Veterinary Nursing as first choice will be favoured. UMAS (100%) (Annexure B)	4	4
B2	Applicants with university exposure: graduates (degree completed)			2	2
D1	School leavers from countries other than South Africa	NSC or IEB with admission to degree studies with APS 28 and English 50%; Mathematics 50%; Physical Sciences or Life Sciences 50%	Applicants indicating Bachelor of Veterinary Nursing as first choice will be favoured. SADC preferred; then same as for category A1 Final available scores in Mathematics (50%)	4	
D2	Applicants from countries other than South Africa, with university exposure	NSC or IEB with admission to degree studies with APS 28 **AND** English 50%; Mathematics 50%; Physical Sciences (or Physics and Chemistry) or Life Sciences/Biology 50% **OR** Mathematics, Chemistry and Physics or Biology passed at university level, **AND** evidence of university tuition in English OR UP accepted score in Test of English as Foreign Language (TOEFL)	Applicants indicating Bachelor of Veterinary Nursing as first choice will be favoured. SADC preferred; then same as for categories B1–B2.	2	
TOTAL				**50**	

ANNEXURES

Annexure D (continued)

Bachelor of Veterinary Nursing 08130006: Selection categories

1. School leavers

- A valid NSC/IEB or equivalent qualification with admission for degree purposes is required.
- Subject requirements and the required Admission Point Score (APS) are indicated in the table on page 6 in this brochure. The APS is calculated from the achievement levels obtained in six 20-credit NSC subjects.
- Life Orientation is excluded when calculating the APS.
- For applicants in the NSC or IEB schooling systems, conditional admission is based on Grade 11 final examination results, and final admission is based on maintaining a similar performance in the NSC/IEB final examinations.
- School leaving applicants who are conditionally admitted based on their Grade 11 results will forfeit their placement if their final NSC (or equivalent qualification) results no longer comply with the minimum requirements for selection, and if the APS is 5% lower than the Grade 11 APS used for conditional admission.
- For applicants from other schooling systems (as defined in Annexure A), conditional admission is granted based on the final results of the year before the last year of schooling (or an equivalent qualification). Final admission is confirmed once a certificate for admission to degree studies, or a complete or conditional exemption from USAf, has been submitted.
- Additional admission criteria may be used, including an interview and additional selection tests.

2. Applicants with previous higher education exposure

There is an opportunity for students with previous higher education experience to also apply for the Bachelor of Veterinary Nursing programme. Applicants in this category should also consult Annexure B in this brochure for the calculation of UMAS.

3. Applicants who are not South African citizens

- A small number of students from countries other than South Africa may be admitted to the programme.
- Applicants who are accepted receive a letter of confirmation from the University, which will facilitate their application for a study permit.
- A valid study permit, obtained in the country of origin, is a prerequisite for registration.
- Applicants from countries other than South Africa must comply with all UP and Department of Home Affairs' regulations relating to students in this category.
- The APS conversion table appears in Annexure A.

4. Conditional admission

- Conditionally admitted applicants forfeit their placement if they do not comply with the relevant conditions (refer to Annexure E).

ANNEXURES

Annexure E

Specific conditions after conditional selection for Bachelor of Veterinary Science or Bachelor of Veterinary Nursing

Category		Minimum requirements to be placed on the selection list
A1	South African school leavers enrolled for the NSC or IEB	▪ If conditionally selected on the grounds of final Gr 11 results, the Merit Point Score based on NSC or IEB results should not be more than 5% lower than that based on final Grade 11 scores that resulted in selection. ▪ If conditionally selected on the grounds of final Gr 11 results, the APS for the final NSC or IEB results should still meet the minimum required APS of 35 for Bachelor of Veterinary Science or 28 for Bachelor of Veterinary Nursing. ▪ If conditionally selected on the grounds of final Gr 11 results, the final NSC or IEB results should still meet the minimum required score of 60% for Bachelor of Veterinary Science for English, Mathematics and Physical Sciences or 50% for Bachelor of Veterinary Nursing for English, Mathematics and Physical Sciences or Life Sciences. ▪ Losing a place cannot be reversed based on amended NSC (or equivalent) results after remarking of exam papers.
A3	South African school leavers in other schooling systems (As defined in Annexure A)	▪ Conditionally selected applicants must submit a certificate of admission to degree studies, or proof of complete or conditional exemption from USAf, before registration. ▪ Requirements for category A1 also apply.
B1–B5	Applicants with university exposure	▪ Conditionally selected applicants must submit a certificate of admission to degree studies, or proof of complete or conditional exemption from USAf, before registration. ▪ Applicants conditionally selected may not deregister (drop) any required core and fundamental modules in the first year of the Bachelor of Veterinary Science programme.
D1–D3	Applicants from countries other than South Africa	▪ Applicants from countries other than South Africa, conditionally selected in category D1 and D2 should comply with all conditions as set for Category A. ▪ Applicants from countries other than South Africa, conditionally selected in category D3 (for Bachelor of Veterinary Science) or D2 (for Bachelor of Veterinary Nursing) should comply with all conditions as set for Category B. ▪ Applicants from countries other than South Africa, conditionally selected must submit a certificate for admission to degree studies or complete conditional exemption by USAf before registration.

In 2025, South Africa's only Veterinary Science university faculty celebrated a major milestone by graduating its 100th class—a historic moment for the University of Pretoria (UP) and animal health in Africa.

ANNEXURES

Annexure F

The application and selection process (all applicants):

Step 1 Applications **open on 1 April** for the first as well as the second round of selection. Apply on the UP website: www.up.ac.za/apply.

Step 2 All information on the initial application is verified. All future communication will happen through the contact information provided by the applicant.

Step 3 Applications **close on 31 May** for all applicants (first as well as the second round of selection).

Step 4 External transferring applicants (from other universities) must submit their academic records as follows:

- Outstanding academic records must be uploaded to the UP Student Portal by 31 July.
- By 15 August, students must enter completed module codes, names, final grades and the year completed on the portal, up to a minimum of 120 credits. Failed modules must also be included.
- All transcripts for completed modules must be uploaded. The university will validate the information before calculating the University Module Achievement Score (UMAS).
- UP students do not need to enter their results manually, as these will automatically be transferred.

Step 5 **Merit Point Scores (MPS)** are calculated for all applicants based on their academic score (100%).

Step 6 Applicants are ranked in each category by their MPS. The number of spaces available in that category then determines who is selected. For school leavers with NSC/IEB results, this counts as the **first round of selection**.

Step 7 Applicants who are conditionally admitted, or have been admitted, are **informed by 30 September**.

Step 8 Successful applicants have to log onto the UP Student Portal and **accept/decline the offer**.

Step 9 When places become available in categories A3, B, C or D due to cancellation or forfeiture, they are periodically offered to candidates on the original ranked selection list. This process may continue until the end of the University of Pretoria's orientation week.

Step 10 The final admission of conditionally admitted applicants is **confirmed by no later than seven days after the release of the NSC/IEB results**. Applicants who lose their conditional acceptance because they did not meet the admission requirements will be informed.

Step 11 Students must accept their offer and register within the first week of lectures.

The second round selection process (for South African NSC/IEB school leavers):

Step 1 All unsuccessful applicants in Category A1, as well as all successful applicants in Category A1 that have forfeited their placement, are **automatically transferred to Category A2** for the second round of selection in January. No new applications will be considered.

Step 2 Once all final NSC/IEB results have been obtained, the Merit Point Scores (MPS) are re-calculated for Category A2 using the final NSC/IEB results.

Step 3 Applicants are ranked based on the MPS within Category A2, and the **second round of selection** takes place based on the number of available spaces after cancellations and forfeitures are considered.

Step 4 Applicants who have been admitted in Category A2 are **informed before the start of the University of Pretoria orientation programme**.

Step 5 Successful applicants have to log onto the UP Student Portal and **accept/decline the offer**.

Step 6 Places must be taken up by the end of the first week after the commencement of lectures.

Unsuccessful applicants may enquire about the following information regarding their application:

- The category in which the applicant was considered;
- The total number of applicants that were considered in that category;
- The number of applicants that were admitted or conditionally admitted and the number that were placed on the waiting list;
- The position of the applicant on the ranked list in that category.

The Admissions Committee's findings are final.

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:

The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

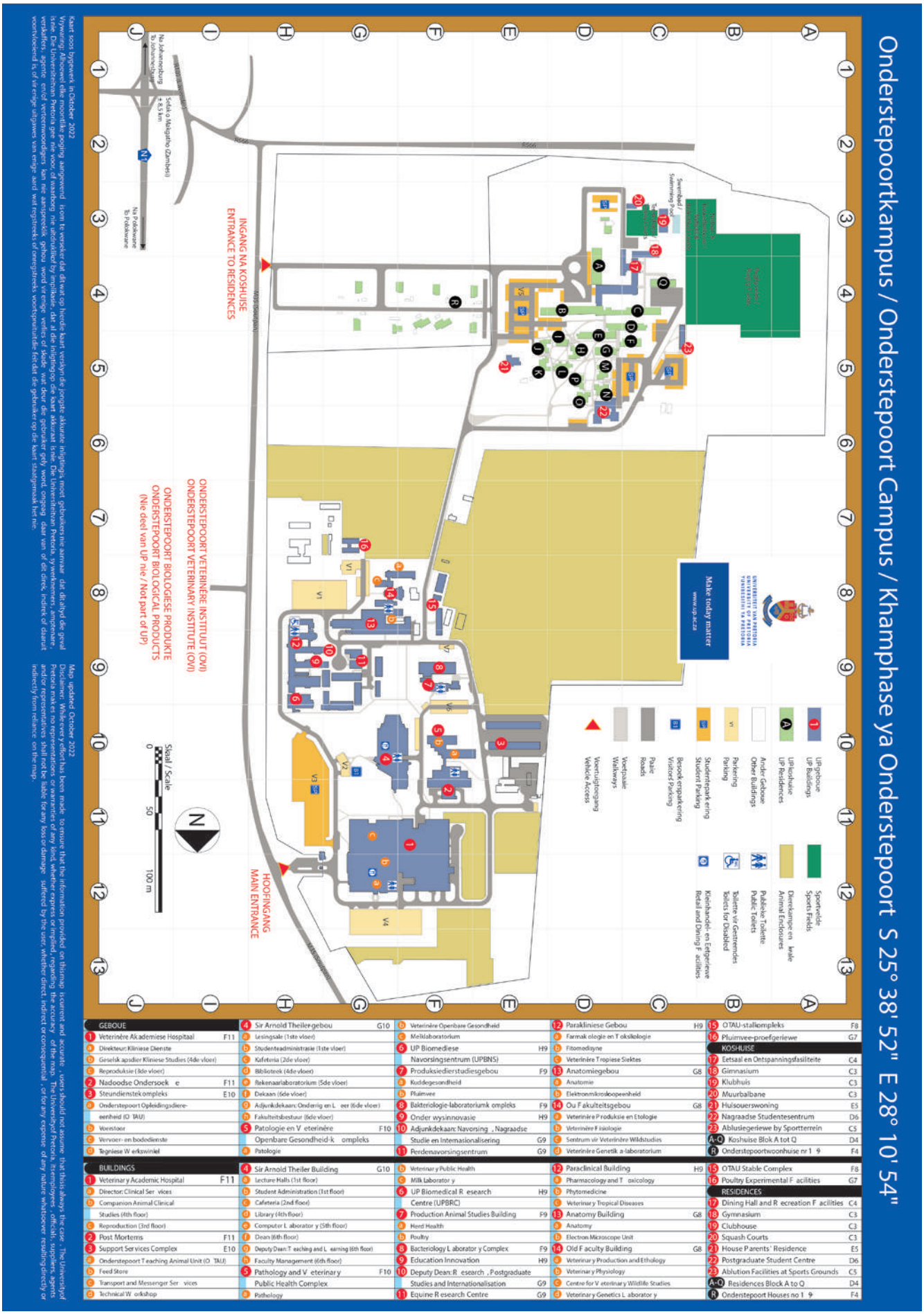
TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

ONDERSTEPOORT CAMPUS MAP



Kaart soos bygewerk in Oktober 2022
Vrywaring: Alhoewel elke moontlike poging aangewend is om te verseker dat dit wat op hierdie kaart verskyn die jongste akkurate inligtings moet gebruikers nie aanvaar dat dit alhoë die geval is nie. Die Universiteit van Pretoria gee nie voor, of waarborg nie uitdruklik by implikasie, dat al die inligting op die kaart akkuraat is nie. Die Universiteit van Pretoria, sy werknemers, amptenare, verskaffers, agente en/of verteenwoordigers kan nie aanspreeklik gehou word vir enige verlies of skade wat deur die gebruiker gely word, ongeag daar van of dit direk, indirek of daaruit voortvloeiend is, of vir enige uitgawes van enige aard wat regstreeks of onregstreeks voortspruit uit die feit dat die gebruiker op die kaart staatgemaak het nie.

Map updated October 2022
Disclaimer: While every effort has been made to ensure that the information provided on this map is current and accurate, users should not assume that this is always the case. The University of Pretoria makes no representations or warranties of any kind, whether express or implied, regarding the accuracy of the map. The University of Pretoria, its employees, officials, suppliers, agents and/or representatives shall not be liable for any loss or damage suffered by the user, whether direct, indirect or consequential, or for any expense of any nature whatsoever resulting directly or indirectly from reliance on the map.

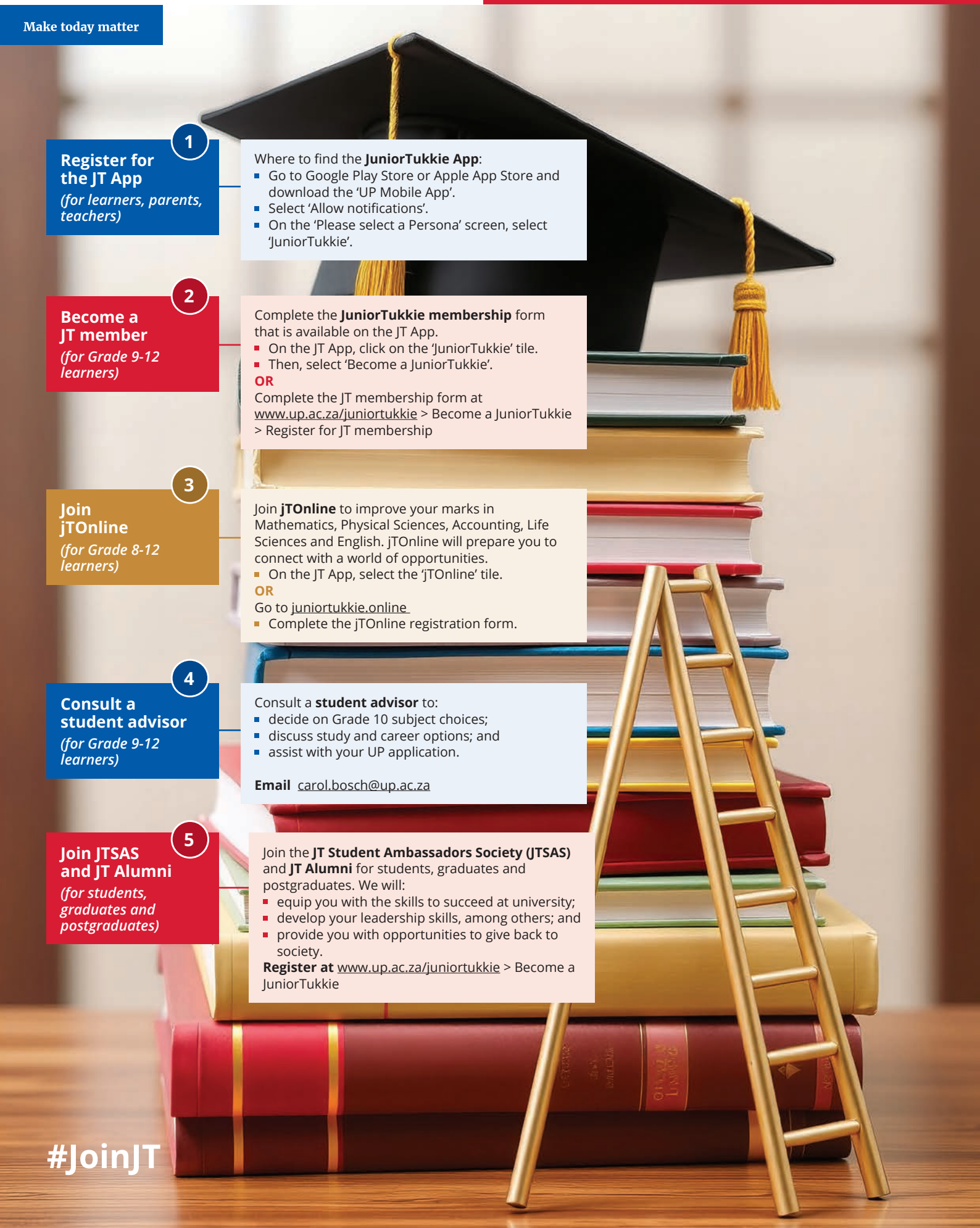
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

jT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Veterinary Science

Fakulteit Veeartsenykunde
Lefapha la Disaense tša Bongakadiruiwa

University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

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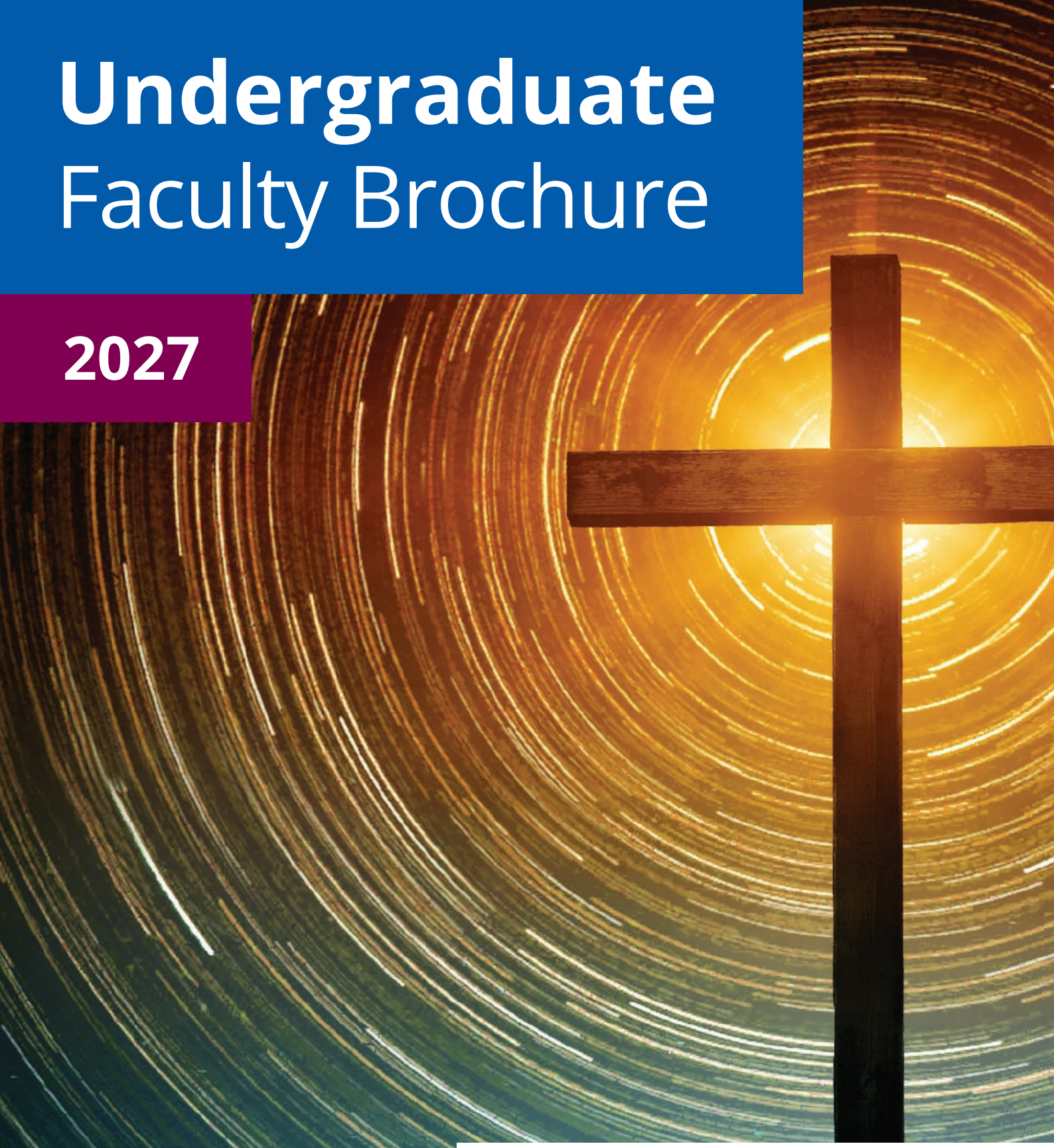
www.up.ac.za

Undergraduate Faculty Brochure

2027



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

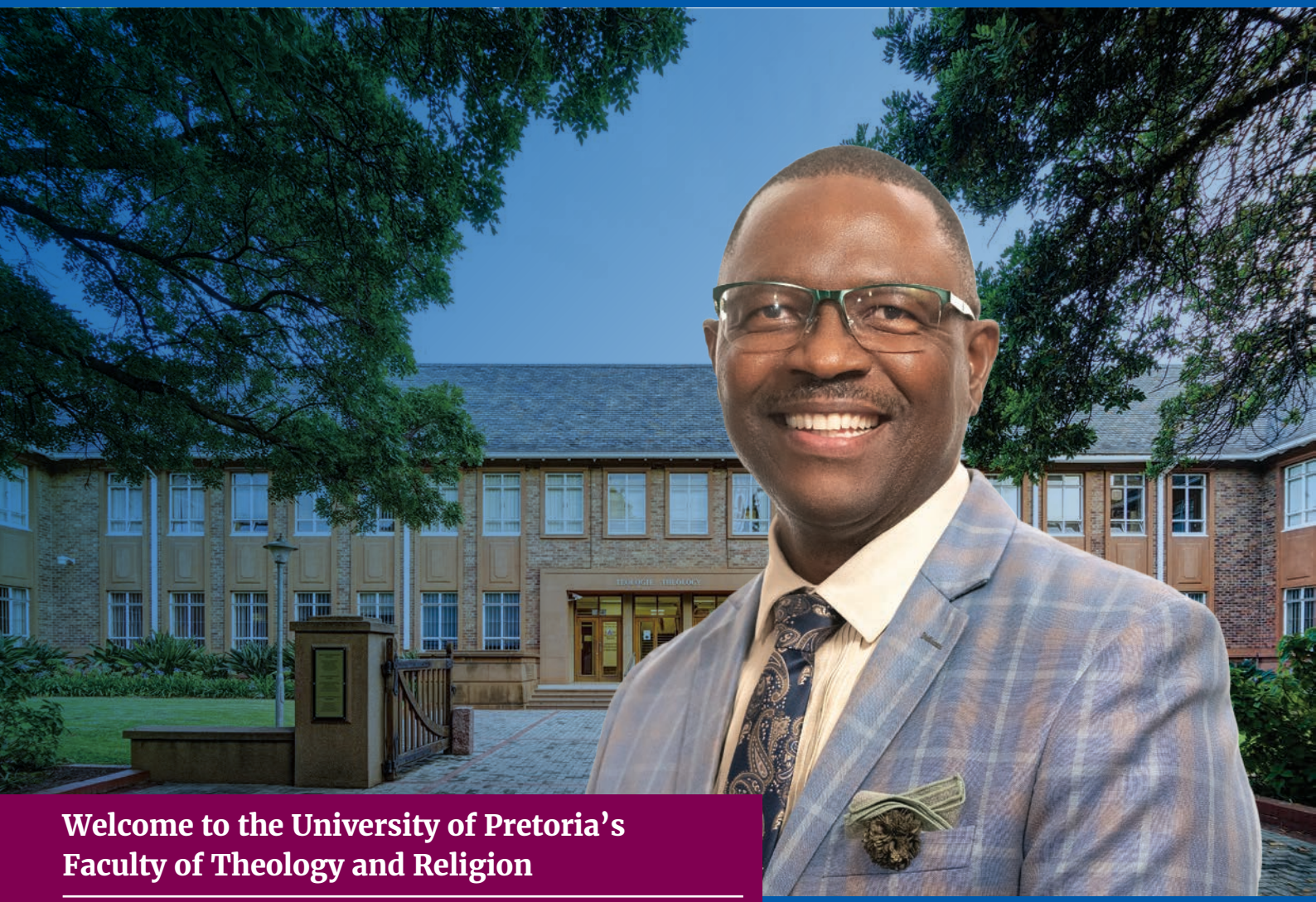
Faculty of Theology and Religion

Fakulteit Teologie en Religie
Lekala la Thutatumelo le Bodumedi

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN



Welcome to the University of Pretoria's Faculty of Theology and Religion

Prof Rantoa Letšosa, Dean: Faculty of Theology and Religion, University of Pretoria

"Come now, let us reason together," says the Lord.
– Isaiah 1:18

Dear Prospective Student,

Welcome to a place where sacred questions are cherished, where the ancient wisdom of Scripture speaks meaningfully into the heart of a changing world, and where the journey of faith becomes a transformative calling toward justice, peace and reconciliation.

At the Faculty of Theology and Religion, we are committed to nurturing thoughtful leaders grounded in academic excellence and inspired by spiritual depth. Here at the University of Pretoria, rigorous scholarship meets compassionate service, where students are formed not only for careers but for purpose, where learning is not simply about information, but about transformation.

Our faculty is shaped by the heartbeat of Africa and attentive to the concerns of the world. We take seriously the realities of our time and place, engaging issues of diversity, inequality, faith, and flourishing with integrity and hope. Here you will be equipped to lead in the church, in communities, in schools, in the public sphere, and in every domain where humanity seeks meaning and direction.

Whether you feel called to be a minister or a missionary, a teacher or a chaplain, a counsellor or a changemaker, the education you receive here will prepare you to speak with clarity, to act with courage and to serve with compassion. You will learn to think critically, live faithfully, and respond wisely to the complex questions of our time.

We are deeply rooted in the Christian tradition, yet open to dialogue with diverse faiths and cultures. Our classrooms are places of encounter. Our lecturers are both scholars and practitioners. Our campus is alive with the joy of learning, the challenge of growth and the pursuit of truth.

Come and explore theology that is relevant, religion that is engaged and spirituality that is alive. Come and discover how faith can inform leadership, how study can awaken service, and how you can become an agent of renewal in a world in need.

This is not just a place to study. It is a community where your voice matters, your dreams are nurtured and your convictions are sharpened. It is a home for those who dare to ask deep questions and who desire to live with meaning.

We look forward to welcoming you into our beloved faculty—a place of encounter, growth and transformation. Welcome to the Faculty of Theology and Religion at the University of Pretoria.

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Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

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FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Theology and Religion

AT A GLANCE

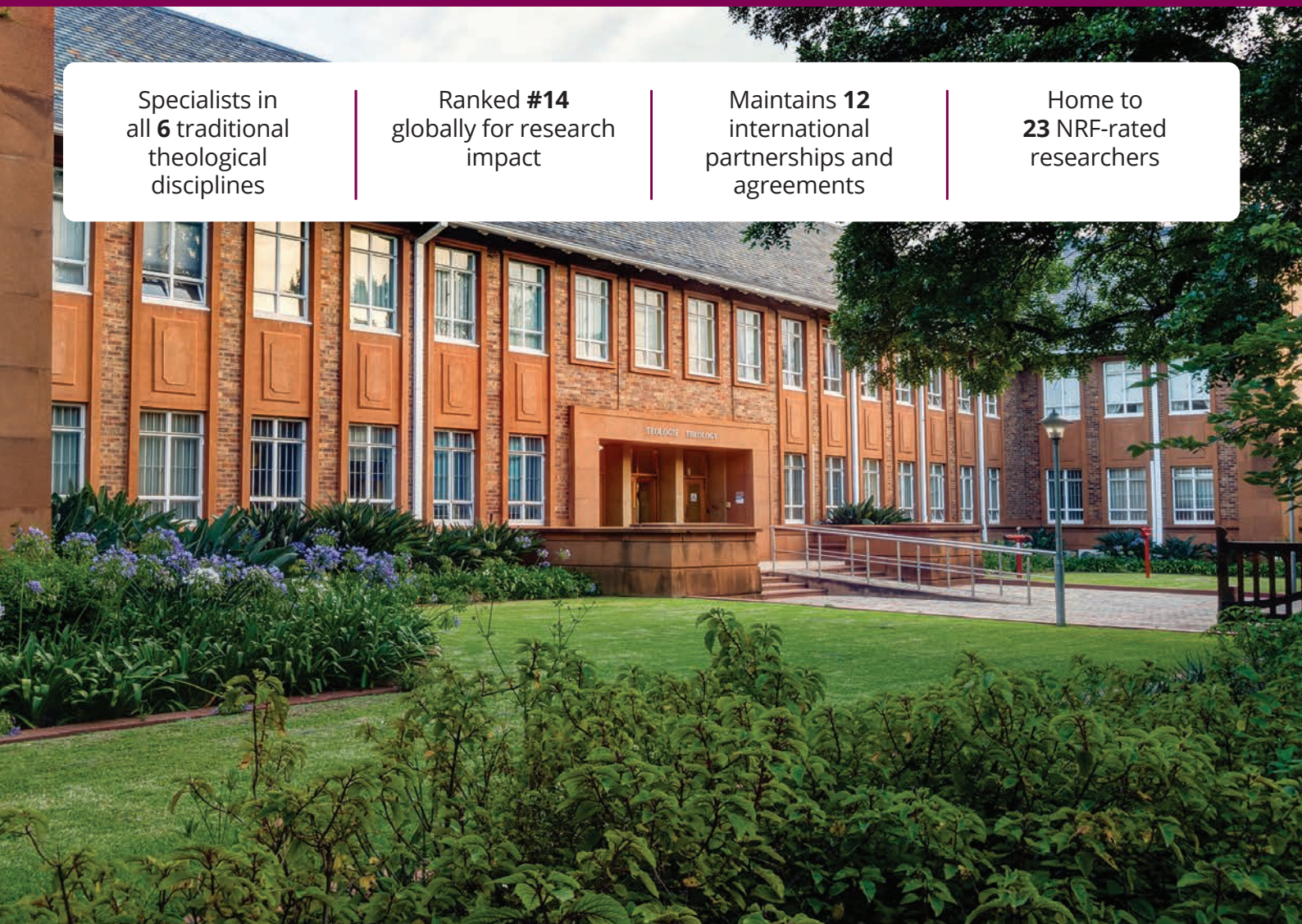
The Faculty of Theology and Religion offers:

1	2	4
undergraduate diploma	undergraduate degrees	postgraduate degrees

#1 in South Africa and **#76** globally for Theology, Divinity and Religious Studies

100%	92%	83%
academic staff members hold doctoral degrees	graduate placement rate	undergraduate pass rate

- Specialists in all **6** traditional theological disciplines
- Ranked **#14** globally for research impact
- Maintains **12** international partnerships and agreements
- Home to **23** NRF-rated researchers



UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).

UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

- Applicants who indicate Theology as a first or second choice will be considered, but those who indicate it as their second choice may have to submit a motivation.

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

University of Pretoria website www.up.ac.za/faculty-of-theology-and-religion

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

Why study at the Faculty of Theology and Religion?

People study Theology and Religion for various reasons, and not only to make it their profession. Some find it to be a fascinating field that they would like to explore, whereas others search for spiritual growth through study, or may want to gain insights that will help them to function more effectively in the workplace. The Faculty also offers programmes that will benefit students who do not necessarily want to become ministers, but would like to enrich their lives and faith experiences.

There are many advantages to enriching one's study in a particular field with insights from the Faculty of Theology and Religion. By including modules from this discipline in other areas of study, such as computer science, engineering, languages, psychology, social work and teaching, graduates can enter their chosen careers as better equipped and more fully developed individuals.

'As I reflect on my journey through the Faculty of Theology and Religion at the University of Pretoria, I am reminded of the profound impact it has on my life. From thought-provoking lectures to meaningful and respectful discussions with my peers and lecturers, my time here has shaped my understanding of faith, community and how different religions are unique in their own sense.

Throughout my leadership journey as a student at UP, I have been guided by a personal rule: to always be kind, even when the world does not return the favour. I believe that a single act of kindness, with a dash of a smile, can turn someone's bad day into a great one.

The Faculty of Theology and Religion has been my home for growth, learning and transformation. I am grateful for the experiences, lessons and people who have enriched my journey, and I am proud to be part of this community.'

Kate Matabane – *Vice-Chairperson, Secretary and Marketing Chairperson at House Theology and Religion*

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Theology [3 years]	4	28
Careers: Ministers, pastors, priests, preachers in certain denominations, missionaries and youth counsellors. Other possibilities include roles such as ethics consultants for businesses. Theological studies can be enriching for people in various other vocations. Prospective students interested in ordained ministry are encouraged to discuss their intentions to register for this programme with their church leadership.		
Bachelor of Divinity [4 years]	4	28
Careers: Ministers, pastors, priests, preachers in certain denominations, missionaries and youth counsellors. Other possibilities include roles such as ethics consultants for businesses. Theological studies can be enriching for people in various other vocations. Prospective students interested in ordained ministry are encouraged to discuss their intentions to register for this programme with their church leadership.		
Diploma in Theology [3 years]	4	24
Careers: Ministers, pastors, priests, lay preachers in certain denominations, missionaries and youth counsellors. Candidates should consult their church leadership on which programme would best suit their aims. The Diploma in Theology is intended for candidates who have completed the NSC/IEB (or equivalent), but without the required university admission.		

Undergraduate programmes in Theology and Religion

The five main components of the study of theology and religion focus on questions about the Bible and life.

New Testament and Related Literature

In the New Testament, the story of Jesus is told and elaborated on from several perspectives. New Testament Studies focuses on the books of the New Testament and on the first- and second-century Mediterranean context in which they originated.

Old Testament and Hebrew Scriptures

The Old Testament is concerned with God's relationship with Israel and His involvement with humanity and creation. Old Testament Studies explores the books of the Old Testament and the life settings of ancient Israel. These texts show how ancient Israelites engaged with issues such as suffering and love, and offer guidance for living in the presence of God in different circumstances today.

Practical Theology and Mission Studies

Practical Theology focuses on what Christians do—how they experience and express their faith through actions. Topics studied in this field include worship as lived religion, preaching, the meaning of symbols and symbolic acts, helping people in times of crisis, teaching and forming faith and understanding the world in which we live in.

Religion Studies

Religion Studies is a life-enriching programme open to anyone interested in religion. Students from a wide range of fields, such as engineering, architecture, music, political science, law and fine arts, choose this module to broaden their perspective. It addresses questions such as why people are religious, what ancient people believed and how we can understand and respect our neighbours from other religious denominations.

Systematic and Historical Theology

Systematic and Historical Theology combines integrated and specialised themes. Historical reflection examines not only the history of the Christian church and the lives of significant figures—from Saint Augustine to Saint Aquinas, and from John Calvin to Martin Luther—but also explores how different Christian traditions are structured in the modern era. Systematic reflection focuses on faith (in God and as a relationship) and beliefs in relation to themes such as creation, Scripture, Christ, the Holy Spirit, salvation and the future. It also looks at the ways faith is expressed in community life and addresses ethical and societal challenges.

The Faculty of Theology and Religion is renowned for its commitment to the following:

Academic excellence
Our standards of education are comparable to the best in the world.

Christian scriptures
This remains our central point of reference for theology.

Contextual and relevant teaching and learning
Some classes take place on city streets.

International contacts
Students can benefit from our broad network of international partnerships.

Lecturers
Lecturers are noted academics and also respected church leaders.

Practical skills for training in ministry
Learn to preach, serve and lead.

Spirituality
We place great importance on personal faith formation.

Student life
Theology students have access to the many benefits of life on Hatfield campus.

POSTGRADUATE PROGRAMMES

'Serving as chairperson this year has been one of the most rewarding experiences of my academic journey. I have been deeply inspired by the passion, kindness and resilience of everyone in our faculty community. Working alongside dedicated staff and remarkable students has shown me the true strength that comes from collaboration and mutual support. This role has allowed me to contribute to a vibrant environment where everyone can grow and thrive. I am incredibly grateful for this opportunity and excited to see all the amazing things our Faculty will achieve in the future.'

Sumarie De Wet – *Chairperson and Treasurer at House Theology and Religion*

What does studies in Theology and Religion entail?

Studies in Theology and Religion deal with the fundamental questions of life:

- How do faith and religion influence people's lives and society?
- How does one approach ethical and moral questions in the workplace?
- How do theological insights promote good human resource practices?
- How does one cultivate ecological sensitivity and awareness?
- How do Christians relate to laws?
- How do religious values contribute to peace and good human relations?
- Can crime be stopped by appealing to people's beliefs and values?
- What is the meaning and purpose of life?
- Where does one find answers to the most profound life questions?
- How does one gain a better understanding of humanity to make a difference in the world?
- What kind of leaders are needed to shape society and the world?

For students who feel called to work in churches as ministers, pastors, priests, lay preachers, missionaries or youth workers, studies in Theology and Religion provides a strong foundation for their vocation. Others may combine their theological studies with qualifications in fields such as social work, development work, psychology, education, journalism, engineering, law or business, adding depth to their professional practice with a deeper understanding of humanity and society.

Postgraduate programmes in Theology and Religion

Bachelor of Theology Honours

The purpose of this programme is to provide graduate students with specialised knowledge, skills and competence in particular fields of theology at the postgraduate level.

Master of Divinity – MDiv

A coursework Master's degree programme in general theology covers all five theological disciplines and focuses on advanced theological knowledge and practical skills.

Master of Theology – MTh

This programme offers students with an appropriate four year theological qualification an opportunity for theological specialisation at master's level. Students can choose between a programme with coursework and a mini-dissertation or a research-based master's degree that requires the completion of a dissertation. The coursework modules offer students an opportunity to acquire specialised skills in a particular discipline.

Doctor of Philosophy – PhD

A theological undergraduate degree, followed by a Master of Theology (MTh) or an equivalent degree, allows a student to pursue a PhD. This degree is awarded in recognition of highly specialised knowledge and expertise gained through original research.

Contact information
Ms Cathy Sandis
Tel +27 (0)12 420 4053
Email cathy.sandis@up.ac.za

Pathways to the career you always wanted

Where can a degree in theology and religion take me?

The short answer is: Almost anywhere! Our graduates use their training to work as pastors in churches, educators in schools, leaders in community organisations and therapists at counselling agencies. Whether you have your eye on a career that requires the ability to speak publicly, think critically or write effectively, a qualification in theology and religion can take you there!

Work locally as a...

Minister:
Our graduates serve as pastors of congregations.

Chaplain:
Our graduates act as spiritual directors in schools.

Counsellor:
Our graduates offer counselling support to those dealing with trauma or loss.

Work globally as a...

Missionary:
Our graduates establish churches around the world.

Teacher:
Our graduates provide language lessons in Asia.

Activist:
Our graduates work with emerging leaders in Europe and Africa.

The Faculty of Theology and Religion—connecting life's purpose with fulfilling employment.

Meet Tanya
Tanya van Wyk used what she learned as a student of theology and religion to become an internationally recognised academic.

Meet Mpho
Mpho Mehlomakulu has used what he learned as a student of theology and religion to become an agent of youth empowerment.

Meet Wayne
Wayne Renkin used what he learned as a student of theology and religion to become an advocate for refugees and the homeless.

ARTICLE

CENTRE FOR FAITH & COMMUNITY
FACULTY OF THEOLOGY AND RELIGION AT THE UNIVERSITY OF PRETORIA

Centre for Faith and Community

The Centre for Faith and Community, hosted by the Faculty of Theology and Religion at the University of Pretoria, focuses on training community and church leaders in South Africa and beyond, equipping them to engage effectively in their respective contexts. In addition to its research and consulting services, the Centre's core mission is to empower change-makers to immerse themselves in local communities, understand their contexts, reflect theologically and biblically, and develop ministry responses that foster healing and transformation.

Our training is designed to prepare leaders to address the challenges faced by their communities and to guide them in tackling the deeper causes of these challenges. It helps communities envision new and preferred realities, make the most of their own resources and strengths, and implement locally owned ministry practices, processes and programmes that promote lasting change. The target audience includes spiritual leaders, non-profit leaders, business leaders, public servants, parents, caregivers and others seeking to be equipped for more effective community and ministry engagement.

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:
The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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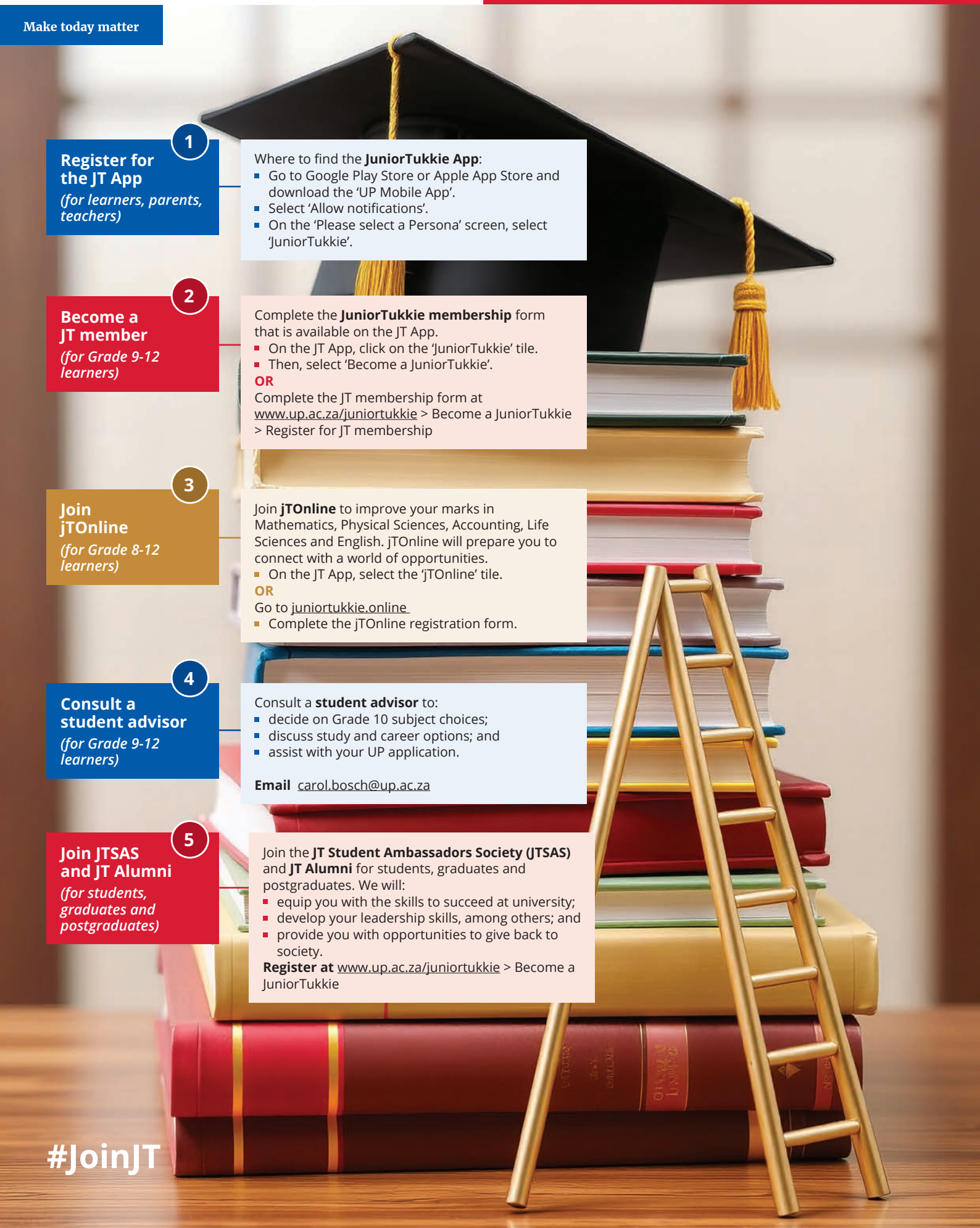
jT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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.

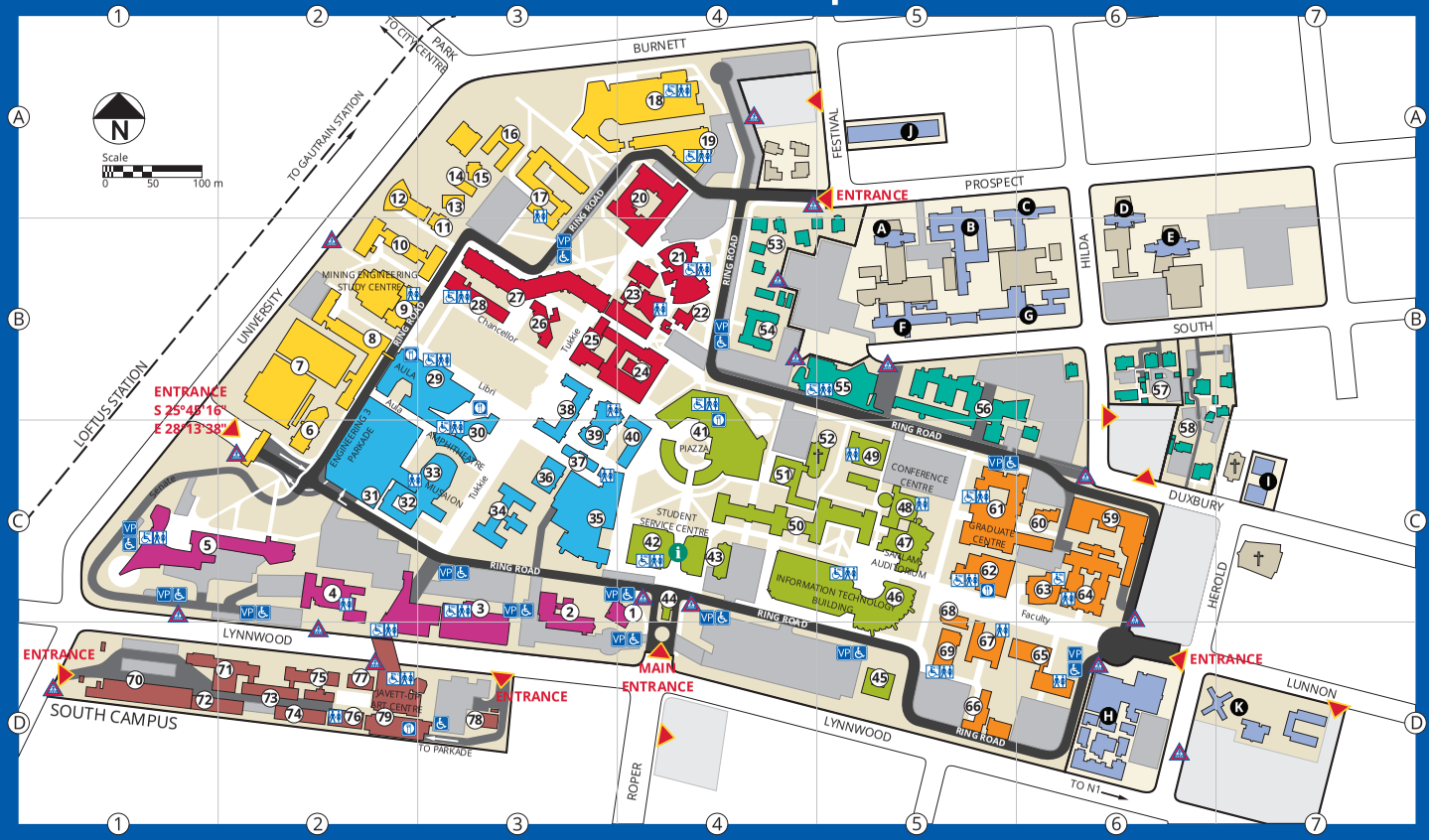
Register at www.up.ac.za/juniortukkie > Become a JuniorTukkie

#JoinJT

NOTES

HATFIELD CAMPUS MAP

Hatfield Campus - S 25° 45' 22" E 28° 13' 52"



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

- UP Buildings
- UP Residences / Accommodation
- Other Buildings
- Ring Road
- Walkways
- Roads
- Parking
- Visitors' Parking
- Parking for Disabled Persons
- Student Parking
- Vehicle Access
- Pedestrian Entry
- UP Information Desk
- Public Toilets
- Toilets for Disabled Persons
- Retail and Dining Facilities

BUILDINGS																							
60	67 Duxbury Road	C6	75	Building 6 (South Campus)	D2	9	Engineering 1 Building	B2	66	Lier Theatre	D5	20	Old Agriculture Building	A4	22	Student Health Services	B4	24	Zoology Building	B4
5	Administration Building	C1	76	Building 7 (South Campus)	D2	8	Engineering 2 Building	B2	39	Louw Lecture Hall		38	Old Arts Building	B3	53	Student Organisations	B4	RESIDENCES		
12	AE du Toit Auditorium and Annexe	A2	77	Building 8 (South Campus)	D2	31	Engineering 3 Building	C2		(Chancellor's Building)	C3	26	Old College House	B3	42	Student Service Centre	C4	A	Erica	B5
67	Agriculture Annexe	D5	78	Building 9 (South Campus)	D3	64	FABI 1	C6	37	Marketing Services Building	C3	40	Old Chemistry Building	C4	43	Student Service Centre Building	C4	B	Vergeet-my-nie	B5
65	Agricultural Sciences Building	D6	3	Building Sciences Building	C3	63	FABI 2	C6	69	Masker Theatre	D5	36	Old Merensky Library	C3	18	Technical Services Building	A4	C	Asterhof	A6
62	Akanyang	C5	6	CEFIM Building	A3	25	Geography Building	B3	17	Mathematics Building	A3	59	Plant Sciences Complex	C6	39	Te Water Lecture Hall		D	Madelief	A6
33	Amphitheatre and Musaion	C3	55	Centenary Building	B5	61	Graduate Centre	C5	10	Mineral Sciences Building	B2	58	Residence Affairs & Accommodation	C6		(Chancellor's Building)	C3	E	House Mags	B6
29	Aula and Rautenbach Hall	B3	39	Chancellor's Building	C3	7	Heavy Machinery Laboratories	B2	35	Merensky 2 Library	C3	39	Roos Lecture Hall		34	Theology Building	C3	F	House Nala	B5
15	Bateman Building	A3	52	Chapel	C5	42	Humanities Building	C4	49	Monastery Hall	C5		(Chancellor's Building)	C3	21	Thuto Building	B4	G	House Khutso	B6
16	Botany Building	A3	23	Chemistry Building	C2	46	Information Technology Building	C5	39	Muller Lecture Hall		47	Sanlam Auditorium		51	Tukkiewerf	C4	H	Nerina	D6
70	Building 1 (South Campus)	D1	30	Club Hall	C3	79	Javett-UP Art Centre	D2		(Chancellor's Building)	C3		(Lecture Halls E&MS)	C5	39	Van der Bijl Lecture Hall		I	Protea Mbalenhle	C7
71	Building 2 (South Campus)	D2	2	Communication Pathology Building	C3	68	JJ Theron Lecture Hall	C5	33	Musaion and Amphitheatre	C3	19	Sci-Enza Centre	A4		(Chancellor's Building)	C3	J	Jakaranda	A5
72	Building 3 (South Campus)	D1	48	Conference Centre	C5	1	Kya Rosa	C4	32	Music Building	C2	23	South Hall (Chemistry Building)	B4	11	Van der Graaf Accelerator	B3	K	Xyata	D7
73	Building 4 (South Campus)	D2	45	Drama Building	D5	56	Law Building	B5	27	Natural Sciences 1 Building	B3	13	Stoneman Building	A3	14	Vetman Building	A3			
74	Building 5 (South Campus)	D2	50	Economic and Management Sciences Building	C4	57	Law Clinic	B6	28	Natural Sciences 2 Building	B3	54	Student Affairs Building	B4	44	Visitors' Reception	C4			
						47	Lecture Halls (EMS)	C5	23	North Hall (Chemistry Building)	B4	41	Student Centre Building	C4	4	Visual Arts Building	C2			

UP EMERGENCY NUMBER
012 420 2310 / 0800 0064 28

Map updated August 2022

Disclaimer: While every effort has been made to ensure that the information provided on this map is current and accurate, users should not assume that this is always the case. The University of Pretoria makes no representations or warranties of any kind, whether expressed or implied, regarding the accuracy of the map. The University of Pretoria, its employees, officials, suppliers, agents and/or representatives shall not be liable for any loss or damage suffered by the user, whether direct, indirect or consequential, or for any expense of any nature whatsoever resulting directly or indirectly from reliance on the map.

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Theology and Religion

Fakulteit Teologie en Religie
Lekala la Thutatumelo le Bodumedi

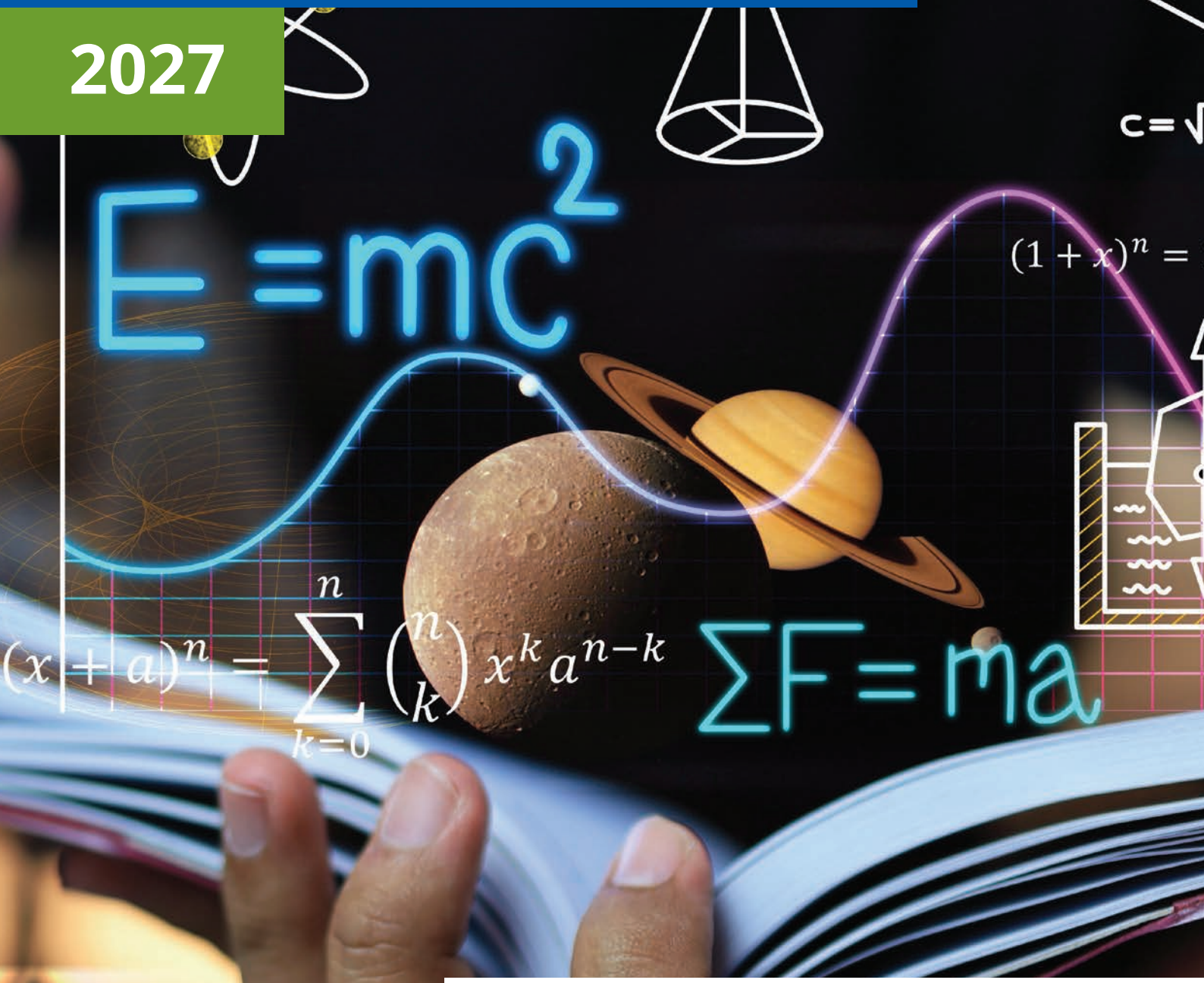
University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

Make today matter

www.up.ac.za

Undergraduate Faculty Brochure

2027



UNIVERSITEIT VAN PRETORIA
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Faculty of Natural and Agricultural Sciences

Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Natural and Agricultural Sciences

Prof Vinesh Maharaj, Acting Dean: Faculty of Natural and Agricultural Sciences, University of Pretoria

At the University of Pretoria's Faculty of Natural and Agricultural Sciences (NAS), curiosity sparks purpose and every breakthrough brings us closer to a brighter, more innovative future. We believe that within every moment of every day lies the potential to change the world and the good we do today can positively impact our futures. It is a single idea that holds everything together.

We take this challenge very seriously: we continuously assess, reflect and improve how we teach, to ensure that our graduates get the skills to thrive and lead in these uncertain times. We value quality education, campus safety, employability, international competitiveness and research impact. For many decades, the Faculty of NAS has stood at the heart of South Africa's scientific and agricultural progress. From pioneering breakthroughs in soil science and crop genetics, to driving world-class research in mathematics, biological sciences, chemistry and environmental resilience. We are known for our deep expertise in forestry and agriculture, the life sciences and mathematical and statistical sciences, all grounded in a tradition of academic excellence and genuine scholarship. Our programmes span unique degrees such as Meteorology and Nutrition, alongside exciting double majors and South Africa's only triple major in Human Physiology, Genetics and Psychology designed to meet the needs of a changing world.

Our high-quality, purposefully designed on-campus activities provide opportunities for our students and graduates to develop into well-rounded, locally rooted and internationally relevant citizens. At the Faculty of NAS, you'll be part of a vibrant academic journey enriched by cutting-edge research, supported by our collaborations with industry partners and purpose-driven community projects. Every experience is designed to equip you with the skills, confidence and vision to shape a better future and give you a unique edge for employment. A qualification from NAS doesn't just open doors—it launches you into a world of opportunity where your impact truly matters.

As a student in NAS, you will be mentored by leading scientists and trained in the use of state-of-the-art equipment. Here you will be at the forefront of scientific research and you will be inspired to think innovatively. You will join a pipeline of generations of NAS-produced leaders who have shaped not just academic thought, but society itself.

We are excited to help shape your journey—from the lecture hall to the lab, from research to real-world impact. Join us and become part of a proud legacy of innovation and discovery that continues to transform South Africa and the world.

I would like to welcome you to the Faculty of NAS at UP and we look forward to joining you on an exciting journey.

Email nas.undergradhelp@up.ac.za

SCAN QR CODE TO VISIT OUR WEBSITE

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** Possible degree name change with Culinary Science as specialisation.*
*** Possible degree name change with Nutritional Science as specialisation.*
**** The programme name is currently under review and may be subject to change.*

Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

FACULTY OF NATURAL AND AGRICULTURAL SCIENCES AT A GLANCE

The Faculty of Natural and Agricultural Sciences is the most diverse faculty of its kind in Africa.

All degree programmes are designed to develop problem-solving individuals who can easily adapt to changing circumstances and take the lead in their chosen fields of specialisation. Our world-class qualifications provide access to numerous career opportunities for dynamic and creative people. Some of the Faculty's degree programmes are unique to the University of Pretoria, while others are also offered at other institutions.

STUDENT PROFILE

3 623
Undergraduate students

1 590
Postgraduate students

542
Students from countries other than South Africa*

ACADEMIC OFFERINGS

42
Undergraduate degree programmes

118
Postgraduate degree programmes

9
Research centres and institutes

Mathematical Sciences	Physical Sciences	Biological Sciences	Agricultural & Food Sciences
▪ Bachelor of Science in Actuarial and Financial Mathematics ▪ Bachelor of Science in Applied Mathematics[2] ▪ Bachelor of Science in Mathematical Statistics[2] ▪ Bachelor of Science in Mathematics[1,2]	▪ Bachelor of Science in Chemistry[1,2] ▪ Bachelor of Science in Environmental and Engineering Geology ▪ Bachelor of Science in Geography Option: Geography and Environmental Science[2] ▪ Bachelor of Science in Geoinformatics[1] ▪ Bachelor of Science in Geology[1,2] ▪ Bachelor of Science in Meteorology[1,2] ▪ Bachelor of Science in Physics[2]	▪ Bachelor of Science in Biochemistry[2] ▪ Bachelor of Science in Biotechnology ▪ Bachelor of Science in Ecology[2] ▪ Bachelor of Science in Entomology[2] ▪ Bachelor of Science in Genetics[2] ▪ Bachelor of Science in Human Genetics[2] ▪ Bachelor of Science in Human Physiology, Genetics and Psychology ▪ Bachelor of Science in Human Physiology[1,2] ▪ Bachelor of Science in Medical Sciences[2] ▪ Bachelor of Science in Microbiology[2] ▪ Bachelor of Science in Plant Science[2] ▪ Bachelor of Science in Zoology[2]	▪ Bachelor of Consumer Science specialising in Clothing Retail Management ▪ Bachelor of Consumer Science specialising in Food Management ▪ Bachelor of Science in Agriculture in Agricultural Economics ▪ Bachelor of Science in Agriculture in Animal Science ▪ Bachelor of Science in Agriculture in Applied Plant and Soil Sciences[1] ▪ Bachelor of Science in Agriculture in Plant Pathology[1] ▪ Bachelor of Science in Food Management specialising in Culinary Science, or in Nutrition ▪ Bachelor of Science in Food Science

1. Foundation programmes
2. Double majors

Top 1% Globally

Agricultural Sciences, Biology and Biochemistry, Molecular Biology and Genetics, Environment/Ecology, Microbiology and Plant and Animal Science

UNIQUE DEGREES

Bachelor of Science in Meteorology is the only degree of its kind offered in sub-Saharan Africa.

Bachelor of Science in Food Management Option: Culinary Science*** is the only degree of its kind in Africa.

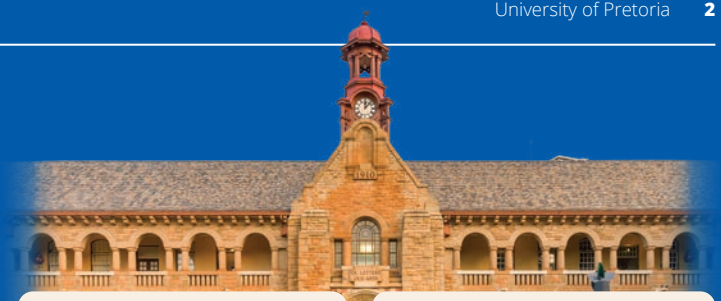
#1 in SA

TOP 301-350 globally in Mathematics**

**2025 QS Subject Rankings

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the application requirements table in this brochure.
8. Meeting the application requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

Physical Sciences: Students in the Cambridge system must have completed both **Physics** and **Chemistry** with an achievement level equal to that of NSC Physical Sciences as specified in the table on pages 5 to 8.

Key information for foundation programmes

1. In the placement of candidates for the 4-year Bachelor of Science and 5-year Bachelor of Science in Agriculture programmes, preference will be given to students from quintiles 1-4 schools.
2. The maximum number of students per 4-year Bachelor of Science and 5-year Bachelor of Science in Agriculture programme is 30.
3. Students starting in the 4-year Bachelor of Science and 5-year Bachelor of Science in Agriculture programmes will be allowed to apply for internal transfers, however, applications will be based on academic merit and the impact on N+1 funding will be considered.
4. Transfer options will only include similar specialisations to these programmes, so as not to add an additional year of study.
5. Students who applied for the main stream Bachelor of Science programmes and did not meet the cut-off average during the ranking process, will be allowed to change their choice of study to one of the 4-year Bachelor of Science or 5-year Bachelor of Science in Agriculture programmes, if space permits.
6. Only students that have completed school in the last two years and have not studied at a tertiary institution will be considered for the 4-year Bachelor of Science and 5-year Bachelor of Science in Agriculture programmes.
7. Students who applied for main stream programmes and have been conditionally admitted, but forfeited their admission by not meeting the minimum admission requirements on grounds of the Grade 12 final results (or equivalent), will be given the opportunity to apply for a 4-year Bachelor of Science or 5-year Bachelor of Science in Agriculture programme, if such a student meets the minimum admission requirements for the above-mentioned programmes, and if space permits.

The link between Natural and Agricultural Sciences and Health Sciences:
Students with an interest in the Health Sciences should refer to the Health Sciences Faculty brochure, available at www.up.ac.za/programmes under Undergraduate > Faculty Brochures.

Student may also consider biomedical science options in NAS such as Bachelor of Science in Biochemistry, Bachelor of Science in Chemistry, Bachelor of Science in Food Management, Bachelor of Science in Food Science, Bachelor of Science in Human Genetics, Bachelor of Science in Human Physiology, Bachelor of Science in Human Physiology, Genetics and Psychology, Bachelor of Science in Medical Sciences, Bachelor of Science in Physics and Bachelor of Science in Plant Science.

University of Pretoria website: www.up.ac.za/nas

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the application requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE) and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
AGRICULTURAL AND FOOD SCIENCES	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management [4 years]	5	5	5	**32**

Careers: The Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management degree is ideal for students who are passionate about and have competencies in both science and business subjects. The degree programme cultivates problem solvers with unique skill sets to help feed and clothe the world. Agricultural economists are involved in many different areas of the economy.

Their roles in the economy include: analysing and understanding consumer behaviour in terms of people's wants, needs and willingness to pay for food and clothing; conducting research in environmental economics to assist governments and businesses in ensuring the sustainable use of scarce resources such as water; training of smallholder farmers by providing extension services; trading of financial instruments and agricultural commodities on global and local stock markets; advising clients in the agricultural sector on how to manage their finances and risks; advising government on how to ensure that there will be enough food for all South Africans; and conducting research to ensure the sustainable and profitable supply of food and clothing across the various supply chains.

Employment opportunities for agricultural economists include employment in the government, commercial banks, multinational agribusiness companies, farmer cooperatives, commodity trading houses, food processors and manufacturers and research councils.

Bachelor of Science in Agriculture in Animal Science [4 years]	5	5	5	**32**

Careers: Animal science is focused on the application of the scientific aspects of animal production and the quality control of products to ensure consumer satisfaction. Careers in this field make an essential contribution to food (protein) production in South Africa. Based on the most recent research and the needs of both animals and humans, animal science focuses on the entire livestock production value chain, from conception to consumption.

There are numerous career opportunities for animal scientists in research, commercial farming, the public sector and the livestock and feed industries. Animal scientists can work on different levels in these sectors, such as researchers or consultants on animal nutrition or breeding, technical representatives, managers of intensive and extensive animal production systems and policymakers.

The Bachelor of Science in Agriculture in Animal Science degree is acknowledged as a professional qualification by the South African Council for Natural Scientific Professions (SACNASP) in terms of Act 106 of 1993. It is internationally recognised, which means that graduates can register as professional animal scientists.

Bachelor of Science in Agriculture in Applied Plant and Soil Sciences [4 years]	5	5	5	**32**

Careers: Graduates could be employed as teachers and lecturers at schools and academic institutions, as well as researchers and managers at various public and private institutions:

- **Public sector:** The Agricultural Research Council (ARC), the Department of Water and Sanitation (DWS), the Department of Forestry, Fisheries and the Environment (DFFE), the Department of Tourism (DT), the Department of Agriculture, Land Reform and Rural Development (DALRRD), the Council for Scientific and Industrial Research (CSIR), provincial agriculture and nature conservation departments, municipalities, SANParks, national farming and food production agencies
- **Private sector:** Companies involved in seed, fertiliser and plant protection research and development, environmental planning and management, nurseries, vegetable, fruit and ornamental cut-flower production and irrigation
- **Extension services involving knowledge transfer:** Nature conservation, national and provincial departments of agriculture and the environment, environmental management and rehabilitation, nurseries, crop, turfgrass and weed management, private companies servicing field crops, vegetables, medicinal and aromatic plants, fruit, ornamental and cut-flower production
- **Entrepreneurial:** Consultants in crop, pasture, vegetable, medicinal and aromatic plants, ornamental and cut-flower production systems and landscaping enterprises, managing own farms and nurseries for extensive (field) or intensive (tunnel/greenhouse) production systems involving various crops and managing companies specialising in irrigation, reclamation and soil conservation

Bachelor of Science in Agriculture in Plant Pathology [4 years]	5	5	5	**32**

Careers: Graduates could be employed in:

- **Education and training:** Graduates can work at universities, colleges and schools
- **Plant pathologists:** Graduates are in demand in various industries, with careers ranging from researchers to practitioners working in laboratories, on commercial farms (including fieldwork), or in the food trade industry
- **Research and management:** Graduates are also hired at research institutes, government departments, seed, fertiliser and agrochemical companies, municipalities and in the mining industry
- **Extension services for technology transfer:** Employers of graduates include grower associations, national and provincial Departments of Agriculture, Land Reform and Rural Development (DALRRD), Forestry, Fisheries and the Environment (DFFE), Tourism (DT), Mineral Resources and Energy (DMRE) and Water and Sanitation (DWS)
- **Entrepreneurial:** Graduates can work as consultants or in production

Bachelor of Science in Food Management Option: Culinary Science [4 years]	5	5	5	**32**

Careers: Graduates can be employed as culinary scientists, culinologists, sensory analysts, food researchers, food product developers, food safety and quality assurance managers and food service managers.

Bachelor of Science in Food Management Option: Nutritional Science [4 years]	5	5	5	**32**

Careers: Career opportunities exist in food or related industries such as pharmaceutical and food manufacturing companies, government departments, international organisations such as the United Nations Food and Agricultural Organisation (FAO) and the World Health Organisation (WHO), NGOs, research organisations and as project managers and advisors in the food, health and consumer sectors.

Bachelor of Science in Food Management Option: Nutritional Science is an interfaculty degree programme, presented jointly by Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences).

Bachelor of Science in Food Science [3 years]	5	5	5	**32**

Careers: Food scientists with highly marketable training and professional skills work as food risk investigators, quality and safety assurance managers, food chemists, food microbiologists and biotechnologists, packaging and shelf-life specialists, safety auditors, product and process development managers, technical sales and marketing advisors, sensory scientists or food bio-scientists (for example, brewers or flavourists) in the food, agro-processing and related industries.

The work environments of food scientists include laboratories, food production sites, business premises (retail and wholesale), training areas, government institutions and research organisations. Food scientists also work in industries and companies that manufacture and supply materials (for example, packaging and food additives such as colourants and flavourants) to the food industry, or have secondary involvement in food production and sales.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
BIOLOGICAL SCIENCES	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Science in Biochemistry [3 years]	5	5	5	**32**
Careers: Biochemistry offers many opportunities for exciting and challenging careers in the food and pharmaceutical, fine chemicals and waste-processing industries. Careers at research councils, such as the South African Medical Research Council (SAMRC), the Agricultural Research Council (ARC), the Cancer Association of South Africa (CANSA) and the Water Research Commission (WRC) are possibilities, as are academic institutions, such as the Council for Scientific and Industrial Research (CSIR) and forensic as well as pathology laboratories. Possible careers include that of researcher, teacher, lecturer and medical representative. Graduates are comfortable in work environments such as universities, research institutes, pharmaceutical companies, biotechnology companies and related industries.				
Bachelor of Science in Biotechnology [3 years]	5	5	5	**32**
Careers: Graduates mostly find work as laboratory-based researchers or bio-entrepreneurs using medical, animal, plant or microbe-based technologies to develop products and services. If students combine biotechnology with additional qualifications such as law, they will be equipped for success in careers such as patent law, pharmaceutical sales and marketing, project management, computer programming (natural computation) and science journalism. Please note that the level of training and qualification plays a vital role in determining the type of work a qualified biotechnologist can pursue.				
Bachelor of Science in Ecology [3 years]	5	5	5	**32**
Careers: Graduates will be at the forefront of conserving natural ecosystems in a changing world. They find work in local and international environmentally based government and private conservation organisations (eg, the World Wide Fund for Nature [WWF], the International Union for Conservation of Nature [IUCN]), companies involved in the direct or indirect use of natural resources (eg, agriculture, mining), environmental consultancies, environmental education initiatives, academic and training institutions and research.				
Bachelor of Science in Entomology [3 years]	5	5	5	**32**
Careers: Graduates with expertise in entomology are highly sought after in the agricultural sector as insect management specialists or researchers. They are also employed at nature reserves, environmental consultancies and conservation planning agencies. Other opportunities include positions at medical and veterinary research institutions, educational institutions and museums. Graduates also work for organisations involved in the management of invasive species and pests, quarantine and inspection services and in the biochemical and biotechnology industries. Additionally, there are roles in IT-related fields and the corporate sector. There are also opportunities to start your own business farming insects that benefit humans, such as biological control agents or pollinators like bees and flies, or those that can be used as feed for animals and food for humans.				
Bachelor of Science in Genetics **Bachelor of Science in Human Genetics** [3 years]	5	5	5	**32**
Careers: Graduates generally choose to work as molecular biologists, medical or clinical geneticists, cytogeneticists, biotechnologists, agricultural scientists, molecular ecologists, forensic scientists, genetic counsellors, bioinformaticists and computational analysts, veterinary scientists, teachers or lecturers at various institutions and in bioscience-related industries. If students combine genetics with additional qualifications such as law, they will be equipped for successful careers in, for example, patent law, pharmaceutical sales and marketing, project management, computer programming (natural computation) and science journalism. Note that the level of training and qualification plays an important role in determining the type of work in which a qualified geneticist can become involved.				
Bachelor of Science in Human Physiology **Bachelor of Science in Human Physiology, Genetics and Psychology** [3 years]	5	5	5	**32**
Careers: Many of the career options for graduates are research-orientated. Research is performed in cooperation with medical teams in private and government research laboratories, pharmaceutical firms, universities, veterinary and industrial institutions. Graduates of these degrees also contribute to education (teachers, lecturers and instructors), sport physiology, biostatistics, bioengineering, biotechnology, microbiology, virology, industrial hygiene, scientific journalism, medical technology and sales representatives of pharmaceutical firms. Further studying also opens the opportunity to become genetic counsellors and psychologists.				
Bachelor of Science in Medical Sciences [3 years]	5	5	5	**32**
Careers: Career opportunities include research in any of the subdisciplines of anatomy, in academia, in forensic science and in the health science industry. Other potential careers include those in sports sciences, virology, chemical pathology, immunology, health administration and ergonomics. Technical careers are also possible, such as in the anatomy or physiology departments at universities. Postgraduate studies are highly recommended. Honours, master's and doctoral degrees can be obtained in any of the subdisciplines of anatomy: neuro-anatomy, clinical anatomy, cell biology, physical and forensic anthropology, histology and embryology. Students who obtain this degree can also continue with their studies to obtain postgraduate degrees in physiology, genetics and pharmacology.				
Bachelor of Science in Microbiology [3 years]	5	5	5	**32**
Careers: Microbiologists can pursue a variety of careers involving activities ranging from practical application to basic research. Career opportunities are available in the food, dairy, beer, wine, baker's yeast and fermentation industries and at mines where they will be involved in corrosion control. Graduates can also pursue careers in medical or veterinary microbiology, microbial genomics and ecology, or work as researchers at organisations such as the CSIR, MRC or ARC, or as lecturers and researchers at academic institutions.				
Bachelor of Science in Plant Science [3 years]	5	5	5	**32**
Careers: Careers range from working in a laboratory to studying plants in their natural environments. Graduates could be employed at biotechnology and pharmaceutical firms, SANParks, private ecological companies and research institutions such as the CSIR, ARC and the South African National Biodiversity Institute (SANBI).				
Bachelor of Science in Zoology [3 years]	5	5	5	**32**
Careers: Graduates play pivotal roles in managing the conflict between a growing human population and the conservation of Africa's unique biodiversity. They may be employed by public and private nature conservancies, environmental consultancies, conservation agencies, medical and veterinary research institutions, biochemical and biotechnology industries, educational institutions, scientific data management and the corporate sector. These careers typically involve a stimulating mix of problem-solving, analytical work and fieldwork.				

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		
CONSUMER SCIENCE	**English Home Language or English First Additional Language**	**Mathematics**	**APS**
Bachelor of Consumer Science specialising in Clothing Retail Management [4 years]	5	4	**28**
Careers: Graduates find employment with major clothing retailers, suppliers and small businesses in various roles, including brand managers, buyers, planners, designers, marketers, social media content creators, product developers, quality controllers, assurance managers, store managers, visual merchandisers, image consultants, textile technologists and pattern technologists. Many graduates also choose to become entrepreneurs by starting their own businesses.			
Bachelor of Consumer Science specialising in Food Management [4 years]	5	4	**28**
Careers: Key retailers and industry stakeholders such as in2food, RCL Foods, UCOOK, DotActiv, research companies, top hotels, culinary businesses and educational institutions employ graduates from our programme. Some of the career paths include being employed as brand managers, sales people, store managers, food stylists and quality assurance officers, consumer insight specialists and entrepreneurs.			

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		
MATHEMATICAL SCIENCES	**English Home Language or English First Additional Language**	**Mathematics**	**APS**
Bachelor of Science in Actuarial and Financial Mathematics [3 years]	5	7	**36**

Careers: Actuarial and financial mathematics is a popular field, with career opportunities in the business market and at investment institutions such as banks and insurance companies. Mathematical skills are essential in portfolio management and the modelling of financial risk.

This programme prepares students for professional careers as actuaries or financial engineers. The activities of actuaries or actuarial technicians include long-term capital projects and designing the benefits of medical schemes. They are also involved in pension fund management, determining contributions and ensuring sound long-term financial management. Additional responsibilities include evaluating investments in shares, property and other transactions, as well as determining premiums and reserves for insurers' outstanding claims.

Financial engineers can be employed by banks and financial institutions, brokerage firms and investment institutions. The mathematical skills of financial engineers are essential in portfolio and risk management. Activities include asset management (trading in bonds, futures and derivative instruments as options), designing new financial products and devising strategies to control credit risk.

Bachelor of Science in Mathematics **Bachelor of Science in Applied Mathematics** [3 years]	5	6	**34**

Careers: Graduates in mathematics and applied mathematics are employed by research institutions, educational bodies (universities and schools), the public sector (government and medical institutions) and the private sector (engineering companies, financial institutions and the computer industry). These graduates' training in abstract, analytical and computational thinking provides them with the background required to easily adjust to changing circumstances in the professional environment and to construct mathematical models of natural, technological and financial phenomena. Mathematicians and applied mathematicians apply, evaluate and adapt existing problem-solving techniques, or develop new techniques to solve problems.

Bachelor of Science in Mathematical Statistics [3 years]	5	6	**34**

Careers: By completing this programme you will therefore be positioned at the forefront of analytical thinking and application in the statistical, computational and interdisciplinary environments of the future. What career opportunities exist for you as a graduate? Many professions amongst others: Data scientist, data analyst, financial risk analyst, financial analyst, geospatial information analyst, biostatistician, statistical software engineer.

Some examples of career opportunities are:

- Google Analytics uses statistics to track internet users so as to generate leads for their recommended engines.
- Movement information captured by cell phones is used in statistical predictive models to predict traffic congestion and suggest faster routes.
- Statisticians make use of statistical methodologies to detect fraud, assist with credit-related portfolios and forecast financial-economic trends.
- Retail companies study customer satisfaction and customer experience by using statistical models.
- Statisticians are prominent in the modelling of climate change, crime hotspots, rhino-poaching, diseases, etc.
- Statisticians advise animal scientists on factors affecting animal nutrition and genetic breeding plans.
- The government employs statisticians to understand population demographics, health risks and other factors that influence sustainable development programmes.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
PHYSICAL SCIENCES	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Science in Chemistry [3 years]	5	5	5	**34**

Careers: Graduates are employed in most technology-based institutions and work in laboratory environments that form part of industrial, research or academic institutions. A chemist must be able to participate in teamwork in a multidisciplinary environment and a wide variety of enterprises in both the private and public sectors. It is important to note that the type of work available to a graduate in chemistry depends on the level of the qualification obtained. Advanced qualifications will eventually lead to positions in research and/or production management and require management and financial planning skills.

Many career opportunities exist in the fields of education, research, journalism, environmental protection, food and beverages, energy, water, health, sports, pharmaceutics and cosmetics, geology, mining and law enforcement. These include the well-known professions of synthetic chemist, materials scientist, chemical pathologist, forensic chemist, analytical chemist, drug analyst, patent lawyer, environmental chemist, geochemist, food chemist, polymer chemist and soil chemist.

Bachelor of Science in Environmental and Engineering Geology [3 years]	5	5	5	**34**

Careers: Engineering and environmental geologists study the interaction between human activities and the geological environment, such as the pollution of soil and groundwater. They investigate geological structures as well as soil and rock properties at construction sites, for example, dams, tunnels and mines, to provide valuable information before construction. They also locate and evaluate suitable construction materials. The task of the hydrogeologist is to search for groundwater and monitor the responsible exploitation of that water.

Bachelor of Science in Geography Option: Geography and Environmental Science [3 years]	5	5	5	**34**

Careers: Geographers and environmental scientists typically pursue careers in teaching, research or practical application. They often specialise in areas like environmental management, urban planning, rural development, or ecological issues such as pollution and ecosystem degradation. Employment opportunities exist across the private sector (e.g., planning, engineering, tourism, environmental and industrial firms), government departments (e.g., environment, agriculture, education, tourism, human settlement) and many also work as self-employed consultants in fields like marketing, planning and policy development.

Bachelor of Science in Geoinformatics [3 years]	5	5	5	**34**

Careers: In South Africa, graduates with a geospatial background are highly employable across a diverse range of sectors. Opportunities exist in traditional geospatial companies, including GIS software vendors (e.g., Esri, Intergraph), companies focusing on satellite imagery processing and analysis, specialised consulting firms (AfriGIS, Geoterra Image, Kartoza), as well as within various government bodies like our national mapping agency (NGI), research councils and government agencies (ARC, CSIR, SANBI, Stats SA) and departments (DFFE, DALRRD, DTSI, DWS, National Department of Agriculture), in addition to local municipalities.

Beyond these conventional roles, geospatial professionals are increasingly finding significant demand in the broader private sector, spanning areas like civil engineering, tourism, environmental conservation, mining, agriculture, retail and utilities. Their unique skills in managing and analysing geographic data are also creating new avenues in less obvious fields such as the banking sector and the food industry. Furthermore, many leverage their expertise to become self-employed consultants, offering specialised spatial insights for marketing, planning, development and policy formulation.

The South African Geomatics Council endorses the Bachelor of Science in Geoinformatics programme. Upon completing the Bachelor of Science in Geoinformatics, you can register as a Candidate Geomatics Practitioner (CGP) - GISc Technologist and Bachelor of Science Honours in Geoinformatics graduates can register as CGP - GISc Professional Practitioners (GPr. GISc).

Bachelor of Science in Geology [3 years]	5	5	5	**34**

Careers: Large international mining companies are significant employers of geologists and other geoscientists in research, exploration and mining projects. However, employment is increasingly found in smaller, start-up entrepreneurial firms. Exciting careers are available in Geosciences, the CSIR, the Council for Mineral Technology (MINTEK), DWS, as well as at museums, engineering firms and consulting companies. Graduates may even operate as self-employed consultants in their own firms. Laboratory specialists, for example, mineralogists, identify and examine minerals using sophisticated instruments and analytical equipment. Environmental and engineering geologists study the interaction between human activities and the geological environment, such as the pollution of soil and groundwater. They investigate geological structures and soil and rock properties at construction sites, for example, dams, tunnels and mines, to provide valuable information before construction. They also locate and evaluate suitable construction materials. The task of the hydrogeologist is to look for groundwater and monitor the responsible exploitation of that water.

Bachelor of Science in Meteorology [3 years]	5	5	5	**34**

Careers: Key employers in South Africa include the South African Weather Service (SAWS), the Council for Scientific and Industrial Research (CSIR), various universities, agricultural institutions, municipalities and industries, where they often serve as specialists. Graduates from this programme can pursue roles as researchers, investigating atmospheric phenomena, developing complex atmospheric models using supercomputers, monitoring air quality and assessing climate change impacts. Many become weather forecasters, analysing data and utilising supercomputer models to issue forecasts across various timescales, from short-range to seasonal, with opportunities in both public and growing private forecasting sectors, including television presentation.

Climatologists manage extensive climate datasets from SAWS and other organisations. Additionally, meteorologists work as consultants in the private sector and universities, providing specialised research services. Academic positions are also available at South African universities for those with master's or doctoral degrees in Meteorology, ensuring the maintenance of international standards in meteorologist training. The Bachelor of Science Honours in Meteorology degree, which is required to become a professional meteorologist, also meets all the requirements set by the World Meteorological Organisation (WMO) Technical Regulations.

Bachelor of Science in Physics [3 years]	5	5	5	**34**

Careers: Graduates can be employed as university academics, with duties that include lecturing, conducting research and supervising postgraduate students. They may also work as researchers in national laboratories such as the Nuclear Energy Corporation of South Africa (NECSA), the South African Astronomical Observatory, or iThemba LABS (Laboratory for accelerator-based Sciences). Other opportunities include roles in industry, such as at the CSIR or Element Six, or as science advisors for non-governmental organisations, industry or government. Graduates may pursue careers as radiation scientists, medical scientists, biophysicists, atmospheric scientists, climatologists, developers of renewable energy sources, geophysicists, innovators, entrepreneurs and computational scientists. International collaboration with experts from abroad is also common.

UNDERGRADUATE PROGRAMMES

Bachelor of Science four-year programmes
Bachelor of Science in Agriculture five-year programmes

The four-year Bachelor of Science and five-year Bachelor of Science in Agriculture programmes have slightly lower application requirements. These foundation programmes are designed for students who, due to exceptional circumstances, may benefit from additional academic support.

What do the programmes entail?

The programmes provide students the opportunity to pursue a career in several specialisations. For programme and career information, consult the corresponding three-year Bachelor of Science and four-year Bachelor of Science in Agriculture information. Applications are considered up to 30 June and in a potential second round in August/September.

What makes these programmes unique?

The programmes are designed to accommodate students who did not initially meet the application requirements to pursue a Bachelor of Science or Bachelor of Science in Agriculture degree. Students are provided with more academic support and a stronger foundation in their first year to support the successful transition to higher education. The first year of study comprises foundational modules in biology, chemistry, mathematics, physics and statistics, in addition to fundamental modules in academic information management, language and study skills. From the second year of study, students complete mainstream modules as prescribed in the respective curricula. Student progress is closely monitored and guided throughout all the years of study.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Mathematics	58%	65%	N/A	**32**
Bachelor of Science in: ▪ Chemistry ▪ Geoinformatics ▪ Geology ▪ Meteorology ▪ Physics	58%	58%	58%	**32**
Bachelor of Science in: ▪ Agriculture in Applied Plant and Soil Sciences ▪ Agriculture in Plant Pathology ▪ Ecology ▪ Human Physiology	58%	58%	58%	**30**

Single, double and triple major degree programmes

Although programmes are more generic during the first year to provide sound foundations, students who progress to the second year are advised to carefully consider the combinations that may be possible in their second and third years, which strongly relate to each other concerning prerequisites. Explanatory infographics are available on the NAS Faculty webpage and detailed information is provided in the yearbook at www.up.ac.za/yearbooks/home.

The Bachelor of Consumer Science and Bachelor of Science in Agriculture degrees have fixed curricula, but most of these programmes are multidisciplinary. The other NAS programmes offer a variety of combinations. There are 12 biological sciences programmes, which represent more than 50 possibilities for single or double majors and even one triple major degree programme. Single major degrees can be obtained in most disciplines, but they all offer double major combinations to make it possible for graduates to choose either one of their majors for postgraduate study. In the physical sciences, there are six programmes, but several combinations.

There are several single major degrees (such as Environmental and Engineering Geology), but chemistry, geology and physics offer double majors. The mathematical sciences offer similar possibilities, with two streams in the professional programme in Actuarial and Financial Mathematics and double major options in the Applied Mathematics, Mathematics and Mathematical Statistics programmes.

AGRICULTURAL AND FOOD SCIENCES

Agricultural Economics, Extension and Rural Development

Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management

The Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management programme provides students with an overview of the global food and agricultural sector and teaches them vital skills in business economics and agricultural science. These skills enable them to build careers in food and agricultural value chains, from seed to plate and everything in between.

Who is the ideal candidate?

The programme is ideal for students who enjoy science and business subjects and are passionate about value addition in agriculture.

Which institutions and companies employ our graduates?

Our alumni are employed across various sectors:

Financial Services
Commercial banks (ABSA, FNB, Land Bank, Nedbank and Standard Bank) and insurance companies (Santam and Bryte)

Agricultural Input and Service Providers
Input providers (Syngenta, Omnia and John Deere) and service providers (AFGRI, NWK Limited, TWK Agri and VKB Group)

Industry Organisations
Producer organisations (AgriSA, Agri Western Cape, GrainSA, Milk Producers' Organisation, Potatoes SA, South African Pork Producers' Organisation and Vinpro) and associations (Agbiz)

Trading & Manufacturing
Grain traders (Majesty Oil Mills, Louis Dreyfus Company and BVG Commodities), investment groups (Russell Stone Group) and food manufacturers (Tiger Brands)

Public & International Sectors
Government departments, research institutes (Agricultural Research Council and Bureau for Food and Agricultural Policy) and international bodies (Food and Agriculture Organisation and World Bank)

What makes this programme unique?

The programme develops problem solvers with unique skill sets who contribute to feeding and clothing the world. This programme is also the foundation to honours, masters and PhD programmes within the discipline.

'This degree has equipped me with a solid base of knowledge about the agricultural economics environment to enter the world of work. The range of job opportunities that this degree provides is endless since you gain financial and scientific understanding of how an agribusiness and the agricultural sector functions. I am grateful to have been exposed to various practical experiences such as milking cows, planting maize, performing experiments and much more. In addition, the business side of this degree lays a good foundation on agricultural finance. The agricultural sector is of great importance globally and this field of study is a fantastic contributor to it.'

Jenna Beukes – Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management

'The Bachelor of Science in Agricultural Economics and Agribusiness Management is a highly comprehensive degree that offers a broad understanding of the agricultural supply chain, from farm production to retail distribution. The programme provides foundational knowledge in subjects such as chemistry, biology, plant and animal production, soil science, accounting and economics. If you are looking for an all-in-one agricultural degree, this programme is an excellent choice. It gave me valuable insight into the business side of agriculture, including risk management, financial planning and strategies for running farm or agribusiness operations efficiently. Upon completion, graduates can pursue careers as agricultural economists in a variety of sectors, including banks, insurance companies, consulting firms, agricultural enterprises and finance institutions.'

Katlego Ledwaba – Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management

AGRICULTURAL AND FOOD SCIENCES

Agricultural Economics, Extension and Rural Development

Career opportunities

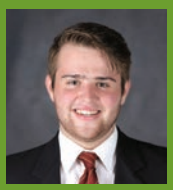
Employment opportunities for agricultural economists exist in, for example, the government, commercial banks (private and multinational), multinational agribusiness companies, commodity trading houses, food processors and manufacturers and research councils.

THE WORK DONE BY AGRICULTURAL ECONOMISTS INCLUDES:

- Advising clients in the agricultural sector on how to manage their finances and risks
- Advising the government on how to ensure that there will be enough food for all South Africans
- Analysing and understanding consumer behaviour in terms of people's wants, needs and willingness to pay for food and clothing
- Conducting research in environmental economics to assist the efforts of governments and businesses to ensure the sustainable use of scarce resources such as water
- Conducting research to ensure the sustainable and profitable supply of food and clothing across the various supply chains
- Managing various aspects of agribusinesses, food companies and food supply chains
- Trading of financial instruments and agricultural commodities on global and local stock markets
- Training of smallholder farmers by providing extension services

'As a foodie, my degree has made me more appreciative of food and where it comes from. We have a wide variety of food on this continent and thanks to global food supply chains, we all have unlimited opportunities for experiencing the world of food. It gives me joy and a sense of fulfilment to know that through my studies, I am part of solving the problem of feeding the world.'

Chikomborero Chiobvu – Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management



'Not only does our degree focus on theory, but teaches you so many skills that are necessary in life ranging from time management to critical thinking to analysis of markets and the greater agribusiness environment. Workplace opportunities are diverse, thanks to the flexibility of this degree. If you prefer a traditional 9-to-5 office job, that's an option. Alternatively, you could travel from farm to farm, providing advice on farming techniques and more. This degree is perfect for someone who doesn't necessarily know where they want to end up. It provides you with various tools to be able to work in various occupations and grow and learn as you go.'

Hanco Marias – Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Agriculture in Agricultural Economics in Agribusiness Management [4 years]	5	5	5	**32**

AGRICULTURAL AND FOOD SCIENCES

Animal Science

Bachelor of Science in Agriculture in Animal Science

Livestock, pig and poultry production is one of the major sectors in South African agriculture and contributes substantially to the economy of the country. Animal Science is the science of livestock production, with a focus on animal breeding and genetics, animal nutrition and the growth and reproduction physiology of production animals.

Animal science covers all aspects of animal production and animal welfare in intensive and extensive production systems. This includes the husbandry, nutrition and breeding and genetics of several livestock species (cattle, sheep, goats, pigs and poultry) and the products derived from them (such as meat, milk and dairy products, wool, mohair and eggs).

Who is the ideal candidate?

The ideal candidate is someone who has a passion for science, animal welfare and production. They have a wilingness to learn and have a capacity for analytical thinking, attention to detail and communication skils, while acknowledging their unique role in a primary field responsible for providing the country with sustainable animal products.

What makes this programme unique?

The Bachelor of Science in Agriculture in Animal Science is a professional degree that alows graduates to register with the South African Council for Natural Scientific Professions (SACNASP).

Graduates can make a meaningful contribution to improve animal husbandry practices and sustainable food production for profit.

Career opportunities

Depending on the level of specialisation in animal science, career opportunities may be found in the following fields:

- The animal husbandry industry (including feedlots or abattoirs)
- The animal feed industry (e.g., feed formulation, sales and production)
- Animal breeding organisations (e.g., breeders' societies, SA Stud Book)
- Private consultancy and advisory services
- The animal reproduction industry (e.g., semen and embryo collection and artificial insemination companies)
- Educational institutions (e.g., universities, technical colleges)
- Legislative/regulative institutions (e.g., The National Department of Agriculture)
- Research institutions (e.g., the Agricultural Research Council)

'In my matric year, my mother encouraged me to apply for an agriculture bursary, even though my dream was to study medicine and become a neurosurgeon. I took her advice and applied for Animal Science at the University of Pretoria. Over the course of my four-year degree, I discovered that agriculture, like medicine, is ultimately about helping people. Animal Science showed me how science can be applied in the practical production and management of livestock. Studying in UP's Department of Animal Science has given me a deep appreciation of the vital role agriculture plays in sustaining livelihoods.'

Lesedi Diphofa – Class of 2024 *cum laude* Graduate and MSc Animal Breeding and Genetics Student

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Agriculture in Animal Science [4 years]	5	5	5	**32**

AGRICULTURAL AND FOOD SCIENCES

Plant and Soil Sciences

Bachelor of Science in Agriculture in Applied Plant and Soil Sciences

Bachelor of Science in Agriculture in Applied Plant and Soil Sciences is a four-year, full-time degree programme. It teaches the principles of plant-based agriculture within the disciplines of agronomy, horticultural science, pasture science and soil science. Graduates can embark on a diverse range of careers in the agricultural and environmental fields.

Who is the ideal candidate?

The ideal candidate for this degree is someone with a keen interest in plants and soil, a desire to deepen their understanding of the environment and a passion for making a positive impact in the world. Graduates make a direct contribution to sustainable food production, while simultaneously protecting our natural resources.

What makes this programme unique?

This programme is unique in terms of the combination of disciplines taught within the degree. Students are exposed to various fields within plant production and soil sciences. This ensures that graduates are well-rounded and equipped for a wide range of career opportunities. They are also able to make informed decisions about specialisation if they wish to pursue postgraduate studies.

Our graduates are highly sought after and often have to choose between several offers of employment. The degree is accredited by the South African Council for Natural Scientific Professions (SACNASP) and graduates can be registered as professional natural scientists.

Career opportunities

Public sector

The Agricultural Research Council (ARC); government departments that address issues related to agriculture and rural development, water supply, conservation and the environment; the Council for Scientific and Industrial Research (CSIR); provincial departments of agriculture and nature conservation; the South African National Biodiversity Institute (SANBI); municipalities; South African National Parks; and national farming and food production agencies.

Private sector

Companies involved in seed, fertiliser and plant protection research, development and marketing; environmental planning and management; nurseries; vegetable, fruit, ornamental and cut flower production; and irrigation.

Entrepreneurial

Consultants to producers of crops, pastures, vegetables, medicinal and aromatic plants and ornamental and cut-flowers; landscaping enterprises; managing own farms and nurseries for extensive (field) or intensive (tunnel/greenhouse) production systems involving various crops; and managing companies specialising in irrigation, reclamation and soil conservation.

Extension services involving knowledge transfer

Nature conservation; national and provincial departments of agriculture and the environment; environmental management and rehabilitation, including mine lands; nurseries; crop, turf grass and weed management; private companies servicing field crops, vegetables, medicinal and aromatic plants, fruit, ornamental and cut-flower production.

AGRICULTURAL AND FOOD SCIENCES

Plant and Soil Sciences

Bachelor of Science in Agriculture in Applied Plant and Soil Sciences (continued)

Which companies employ our graduates?

- Agro-chemical companies
- Drone companies
- Environmental consulting firms
- Export companies
- Farming co-operatives
- Farming operations (extensive and intensive)
- Fertiliser companies
- Government departments
- Insurance companies
- Irrigation companies
- Nurseries
- Patent attorneys
- Research institutions
- Seed companies

'What I enjoyed most about this degree is that it exposed students to the diverse range of disciplines that form the basis of crop production and that each discipline is unique yet connected to the others. Crop production is the perfect field for anyone who enjoys working on solving complex problems to have a meaningful impact on people's quality of life. My dream job is to continue with the work I am doing for my postgraduate studies, which is to find ways of making agricultural science accessible to smallholder farmers and the public in order to build a more equitable food system.'

Richard Hay – Master of Science in Agronomy and Crop Science Student

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Agriculture in Applied Plant and Soil Sciences [4 years]	5	5	5	**32**

AGRICULTURAL AND FOOD SCIENCES

Plant and Soil Sciences

Bachelor of Science in Agriculture in Plant Pathology

The Bachelor of Science in Agriculture in Plant Pathology programme entails the study and control of plant diseases.

Agricultural scientists often work in the field or in plant nurseries, farms, pack houses, processing plants, markets or retail. They may also be involved in the local or international food trade. They are multifaceted thinkers who enjoy solving problems, are curious about nature and want to provide food for the table by ensuring healthy plants, crop protection, high yields and reduced waste and losses.

Who is the ideal candidate?

The ideal candidate is a creative thinker who enjoys exploring and understanding problems. They seek to uncover the causes of issues and find solutions. Identifying the culprit (e.g., the pathogen) behind a plant's disease or death is much like being a detective solving a crime. Like veterinary scientists and medical doctors, plant pathologists work with patients—except they cannot communicate with plants. Instead, they rely on observation, experience and intuition to diagnose and resolve issues. Successful students in this programme are curious, creative, passionate, driven and ambitious, eager to take on new challenges.

What makes this programme unique?

The programme covers both basic and applied research and ensures safe food and food security for all.

Career opportunities

- Consultant plant pathologists often collaborate with economists, soil scientists, horticulturists, entomologists and farmers, big corporates, pesticide companies or retailers. They not only advise, but also influence governments, industry and the general public regarding critical matters such as trade, phytosanitary and sanitary matters and the right to food.
- Lecturers and researchers at universities and technical colleges provide quality creative education and share their skills and experiences with students to prepare them for careers in the flower industry, turf grass or horticultural sectors, crop production, viticulture, agronomy, soil sciences and entomology, as well as agricultural economics. They are classical transdisciplinary thinkers who can solve problems and are innovative in finding practical solutions for farmers and others in the agricultural sector.
- Agricultural scientists and researchers at various companies and academic institutions research many different aspects of plant health, crop protection, food security and food safety.

Which companies employ our graduates?

Our graduates are employed at:

- The National Department of Agriculture
- The Agricultural Research Council
- Agrochemical companies
- Seed and plant production companies
- Undercover crop production endeavours, eg vertical farming, greenhouses and hydroponics
- Tissue culture laboratories
- Diagnostic laboratories
- Biological control companies
- Nurseries and garden centres
- Lawn and landscape maintenance firms
- Agricultural co-operatives
- Private agricultural estates, farms and big corporate estates
- The SA Bureau of Standards (SABS) and The Council for Scientific and Industrial Research (CSIR)
- Exporting or importing companies
- Fresh produce markets and retailers
- National and international certification bodies such as auditors, assessors or technical experts in good agricultural practices or food safety
- United Nations, Food and Agricultural Organisation, World Health Organisation, World Trade Organisation or International Standards Organisations
- Researchers and lecturers at technical colleges or universities

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Agriculture in Plant Pathology [4 years]	5	5	5	**32**

AGRICULTURAL AND FOOD SCIENCES

Consumer and Food Sciences

Bachelor of Science in Food Management
Option: Culinary Science*

Culinary Science is a broad-based discipline that combines food chemistry, microbiology, culinary art and food product development and lends itself to innovation and entrepreneurship. The practical training includes the characterisation of various food ingredients and their utilisation in recipe development. The research component focuses on understanding the functional properties of various food types and their application in the food service industry.

This degree is for those who are not only interested in creating food that tastes and looks great, but also want to understand why food tastes and looks the way it does.

Any candidate wishing to pursue a career in the Culinary Science stream requires not only technical ability, but also has to be an analytical problem solver who pays attention to detail.

What makes this programme unique?

This degree offers a seamless integration of culinary art and science to equip future graduates with a degree embedded in science and technology and tailored to changing culinary trends.

Career opportunities

Culinary scientists, culinologists, sensory analysts, food researchers, food product developers, food service managers, safety and quality assurers, food production managers, entrepreneurs and food legislation experts.

Which companies employ our graduates?

Graduates are employed by:
- Research institutions
- Food processing companies (e.g., McCain, Enterprise Foods, BRM Foods, Mondelez)
- Flavour houses (e.g., McCormick, Firmenich)
- The food service industry (e.g., Famous Brands)
- Leading retailers (e.g., Woolworths, Pick n Pay, Checkers)
- Government institutions
- Various institutions of higher learning

'I was very excited when I heard about the Bachelor of Science in Food Management Option: Culinary Science* programme. I enrolled because it offers a perfect mix between food and science, which are two of my major passions. I really enjoy my study programme because it includes cooking and recipe development, but does not neglect the science behind what happens to the food on the molecular level. This degree opens the door to many careers in the food industry, but my dream job is to be a flavour scientist.'

Danae Bezuidenhout – Bachelor of Science in Food Management

'This degree combines the creativity of culinary arts with the rationality of food science and through my studies I have obtained a unique scientific view of food service management. Over the past four years I have realised the importance of consumer satisfaction to both food service managers and food technologists. I believe that my degree will open many doors for me in the future, notably in my main field of interest, which is recipe development. I enjoy applying my specific scientific knowledge while experimenting with food.'

Christine Janik – Bachelor of Science in Food Management

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Food Management Option: Culinary Science* [4 years]	5	5	5	**32**

**Possible degree name change with Culinary Science as specialisation.*

AGRICULTURAL AND FOOD SCIENCES

Consumer and Food Sciences

Bachelor of Science in Food Management
Option: Nutritional Science*

The Bachelor of Science in Food Management Option: Nutritional Science* programme involves the study of concepts from various disciplines, including food chemistry and food composition, biochemistry, physiology and human nutrition. An ideal candidate is someone who has analytical skills and a keen interest in the science of food and nutrition.

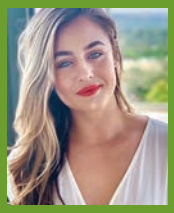
What makes this programme unique?

This is an interfaculty programme presented jointly by the Departments of Consumer and Food Sciences (Natural and Agricultural Sciences) and Human Nutrition (Health Sciences).

Bachelor of Science in Food Management graduates will become nutritional scientists eligible for registration as natural scientists with the South African Council for Natural Scientific Professions and the Nutrition Society of South Africa.

Which companies employ our graduates?

A varied field with numerous career opportunities, which include:
- Food product and supplement development to meet specific nutritional needs of the consumer
- Project management and implementation of food programmes and legislation for government departments, international organisations and NGOs
- Entrepreneurship and small business development
- Nutrition research in the food industry or research institutes



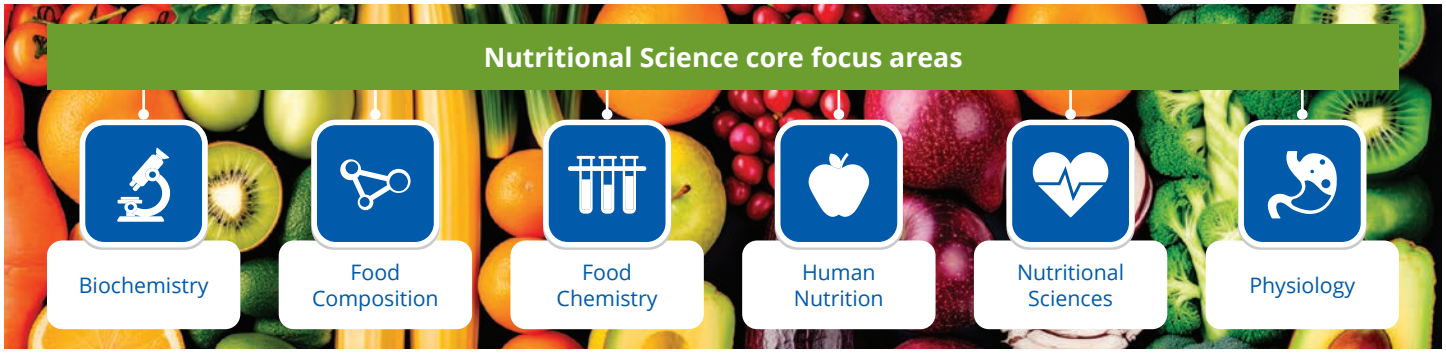
'I have found the four-year Bachelor of Science in Food Management Option: Nutritional Science* degree programme to be very interesting as it consists of a variety of modules that cover topics ranging from human physiology to food sciences. Being taught by the experts in the department has really made studying very enjoyable. This degree caters perfectly for my two passions, which are science and helping others. I dream of becoming a policy developer and making a contribution towards ending hunger.'

Natasha Howes – Bachelor of Science in Food Management

'My journey as a Bachelor of Science in Food Management Option: Nutritional Science* student has exceeded all my expectations. The workload is intense, which forced me to grow personally and perform academically. Our exposure to different science disciplines broadens our understanding of the world of science and helps us to incorporate the role of a nutritional scientist with the roles of scientists in other disciplines. My dream is to partner with major organisations to help reduce nutrition-related diseases and teach people how to maintain good health affordably.'

Ntŝepase Princess Matete – Bachelor of Science in Food Management

www.up.ac.za/department-of-consumer-and-food-sciences



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Food Management Option: Nutritional Science* [4 years]	5	5	5	32
Bachelor of Science in Food Management Option: Nutritional Science* is an interfaculty degree programme, presented jointly by Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences).				

** Possible degree name change with Nutritional Science as specialisation.*

AGRICULTURAL AND FOOD SCIENCES

Consumer and Food Sciences

Bachelor of Science in Food Science

This programme focuses on the chemical composition, structure and nutritional value of food. The interaction of food components during processing, preservation and storage is studied by making use of chemistry, physics, biological and mathematical principles. Candidates who are likely to excel are those who enjoy science and are keen on understanding food production from farm to fork.

What makes this programme unique?

Students of this programme focus on a product essential to daily life—food—preparing themselves to play a vital role in feeding the nation. A graduate with a Bachelor of Science in Food Science degree is eligible for registration as a natural scientist with the South African Council of Natural Scientific Professions (SACNASP).

Which companies employ our graduates?

Graduates are employed by major food production companies such as Nestlé, RCL Foods, in2foods, Unilever and Rhodes Food Group. They also work with leading food retailers like Shoprite, Checkers, Woolworths and Pick n Pay, as well as flavour and additive producers such as the South African Association of the Flavour & Fragrance Industry (SAAFFI) and Cell-Chem. Additionally, they find opportunities in laboratories specialising in food analysis, both in South Africa and internationally.

Career opportunities

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Food Science [3 years]	5	5	5	**32**

AGRICULTURAL AND FOOD SCIENCES

Consumer and Food Sciences

Bachelor of Consumer Science specialising in Clothing Retail Management

Clothing Retail Management integrates clothing construction, design, fashion, textiles, consumer behaviour and retail merchandising with marketing and business modules. This combination prepares students for the dynamic and fast-paced textile and clothing industry. Successful candidates are creative, analytical and thrive under pressure in team-oriented environments.

What makes this programme unique?

This is a vocational programme that balances theory, practical application and experiential training in the industry. Through the programme, students are exposed to the entire clothing supply chain and can specialise in a particular area of interest once they graduate. Graduates are well-trained and ready to venture into the many different areas offered in the textile and clothing industry.

Career opportunities

Graduates are typically employed as clothing buyers and planners, allocation planners, brand managers, product developers, fashion designers, fashion marketers, social media content managers, quality assurance managers, sourcing coordinators, textile technologists, visual merchandisers and pattern technologists.

Which companies employ our graduates?

Graduates are employed by all major clothing retailers in South Africa, including Mr Price, Truworths, TFG Group, PEP, Woolworths and Cape Union Mart, as well as various brands such as Lacoste and Guess.

They also secure roles as merchandisers, account managers or production coordinators at suppliers, production companies and licensing firms like Blue Horizon (for Mattel), Character Group and Cosmic Options.

'I thoroughly enjoyed this degree programme as it combines my two passions, namely fashion and business and develops the students' creative and analytical abilities to achieve all-round excellence. I appreciated the focus on sustainability, especially in the final year, which provides the tools needed to have a positive environmental impact in the clothing and textile industry. I dream of becoming a sustainable fashion planner/buyer.'

Shanna Howarth – Bachelor of Consumer Science specialising in Clothing Retail Management

'I have always dreamed of working in the fashion industry, specifically as a buyer. This degree opens the doors to all sections of this industry. Unlike many other degrees, it has the ability to develop and test both the creative and business sides of the brain and prepare students of all personality types for any aspect of the fashion industry.'

Tannah Metzler – Bachelor of Consumer Science specialising in Clothing Retail Management

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Consumer Science specialising in Clothing Retail Management [4 years]	5	4	**28**

AGRICULTURAL AND FOOD SCIENCES

Consumer and Food Sciences

Bachelor of Consumer Science specialising in Food Management

The Bachelor of Consumer Science specialising in Food Management degree allows students to enrol for a four-year degree in food management, which equips them with the interdisciplinary knowledge needed to excel in the dynamic world of food.

During the first three years, the programme covers the fundamentals of food preparation, food service management, nutrition, food safety and hygiene, recipe development and standardisation, culinary skills and other essential core business modules. On completion of the third year, students will have to select a field of specialisation in either food retail or hospitality management. Respective modules for these specialisations, such as sustainable retail logistics or event management, must be completed in the fourth year.

Specialisation field: Food Retail Management

Food retail management covers the entire food supply chain in one programme—from farm to fork. The food retail programme incorporates the fundamentals of food preparation, food service management, nutrition, food safety and hygiene, recipe development and standardisation, consumer aspects of foods and sustainable food retail logistics. Emphasis is placed on future retail trends, such as omnichannel retailing, blockchain and creating immersive customer experiences. The programme also includes various marketing and business modules. To fit into the dynamic world of retailing, candidates need to be curious, confident team players with good numerical and organisational skills and a degree of commercial awareness.

What makes specialisation in this field unique?

Students are exposed to every aspect of the food retail industry through on-site visits and exposure to guest speakers from local and international sectors. Students are also required to complete experiential training/internships.

Which companies employ our graduates?

All key South African retailers (Woolworths, Shoprite, Checkers, Spar, Pick n Pay, Dischem), related subsidiary companies and other supply chain stakeholders (such as Freshmark, RCL Foods, in2food, SABMiller, DotActiv, RSA Market Agents). Various consumer research companies, such as Consulta and Ask Afrika, have also employed graduates.

Specialisation field: Hospitality Management

Hospitality management aims to prepare students for employment with leading food companies, renowned master chefs and other experts in the food and hospitality industry. Graduates will not only master the creation of exceptional dishes but also develop skills in culinary arts and food product development. They will gain expertise in recipe creation, food styling and large-scale food production, as well as restaurant and event management. Various marketing and business modules are also included in the programme. To fit into the vibrant, innovative and creative hospitality world, candidates must be team players who are curious by nature, service-oriented and have a passion for food and the hospitality industry. This degree is perfect if you have boundless patience, perseverance and creativity.

What makes specialisation in this field unique?

Students gain comprehensive exposure to the hospitality and tourism industries through hands-on training, site visits and guest lectures by local and international sectors. They are also required to complete experiential training or internships, enabling them to familiarise themselves with the workplace and gain practical, real-world experience in the hospitality industry.

This degree stands out for its unique combination of science, creativity, art and business management, offering students a practical and immersive learning experience. It also provides diverse career opportunities after graduation. In South Africa, it is one of the few hospitality degrees still available in a traditional university setting.

Which companies employ our graduates?

This degree offers a wide range of career opportunities in the culinary world. Graduates can pursue roles such as chef, food stylist, food photographer, sommelier, menu engineer, recipe and product developer, product marketer, food safety consultant, improvement specialist, culinary concept developer or entrepreneur. Many also choose careers in academia or teaching.

Graduates have found employment in various fields, including hotel and tourism management, small business ventures, recipe and product development, consumer research, food journalism and education.

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Consumer Science specialising in Food Management [4 years]	5	4	**28**

BIOLOGICAL SCIENCES

Biochemistry, Genetics and Microbiology

Bachelor of Science in Biochemistry

Life at the cellular and molecular levels depends on the specific interaction and cooperation of many individual biomolecules. To understand life at a fundamental level, biochemists study the role of individual biomolecules and relate this function to its unique structure and its interactions with other molecules.

Challenges of global relevance, such as COVID-19, HIV/AIDS, malaria, tuberculosis, antimicrobial drug resistance and other human or animal diseases are addressed by using flow cytometry, biophysical analysis, protein crystallography, genome analysis, selective gene expression and metabolic profiles.

Biochemists can work in medicine, veterinary science, the food and pharmaceutical industries, agricultural research and many other fields.

First-year students are exposed to a range of biological, physical and mathematical science subjects to provide them with a firm scientific basis. In the second and third years, they delve deeper into biochemistry, combining theoretical lectures with appropriate practical studies to learn the principles and methodology of best biochemical practice. In the third year, the genome, transcriptome, proteome and metabolome of a living cell is studied and proteome analysis, crystallography, cell structure and function, enzymology and immunology are applied to understand the molecular basis of disease.

Ideally, biochemistry is combined with chemistry, genetics, human physiology, microbiology, plant science and zoology, which all include both theoretical and practical aspects. Students may choose elective modules related to their studies.

Who is the ideal candidate?

A candidate for the Bachelor of Science in Biochemistry programme should be motivated, innovative, persistent, meticulous and curious about life.

What makes this programme unique?

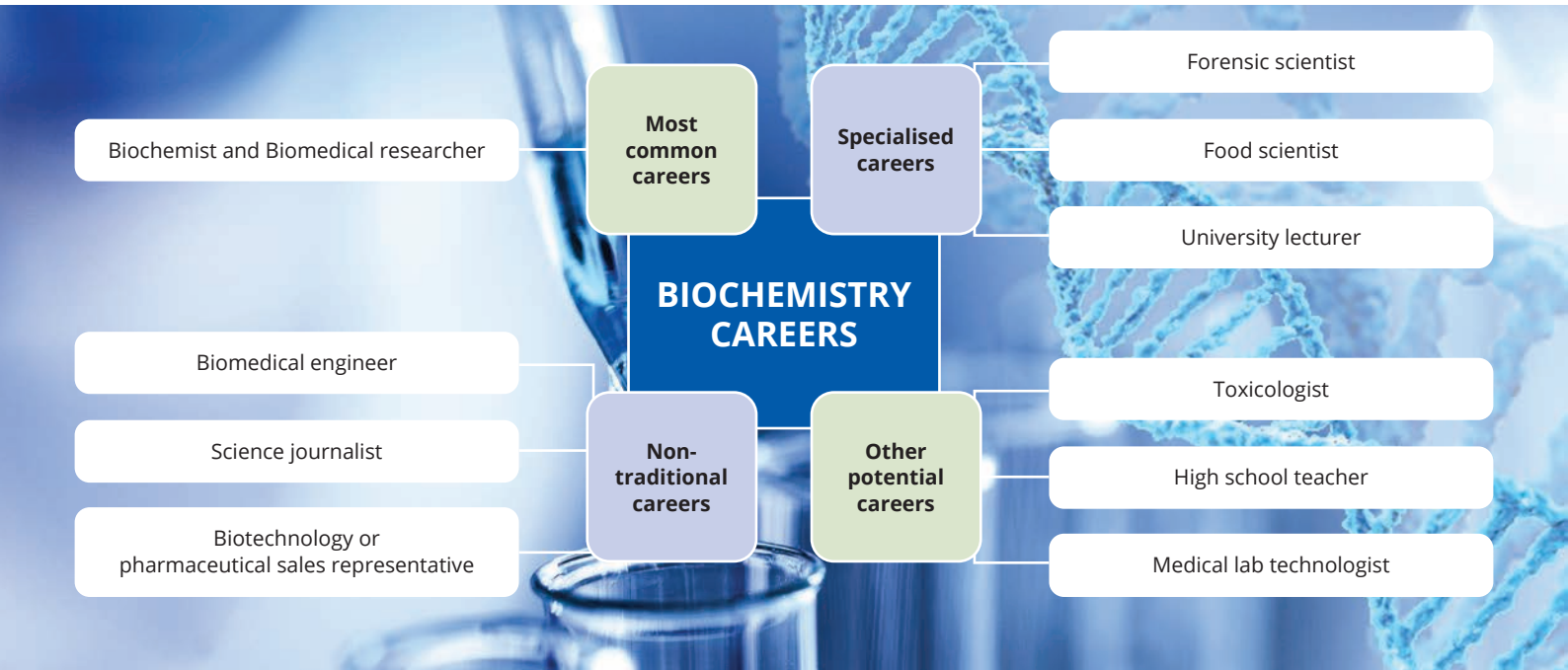
This degree falls under the Department of Biochemistry, Genetics and Microbiology and provides a firm basis for a career in the life sciences.

Ideally, biochemistry is combined with chemistry, microbiology, genetics, human physiology, plant science, zoology and/or food science. Transferable skills gained while studying biochemistry include critical observation and analysis, project planning, report writing, time management, problem solving, logical thinking and computer literacy.

Career opportunities

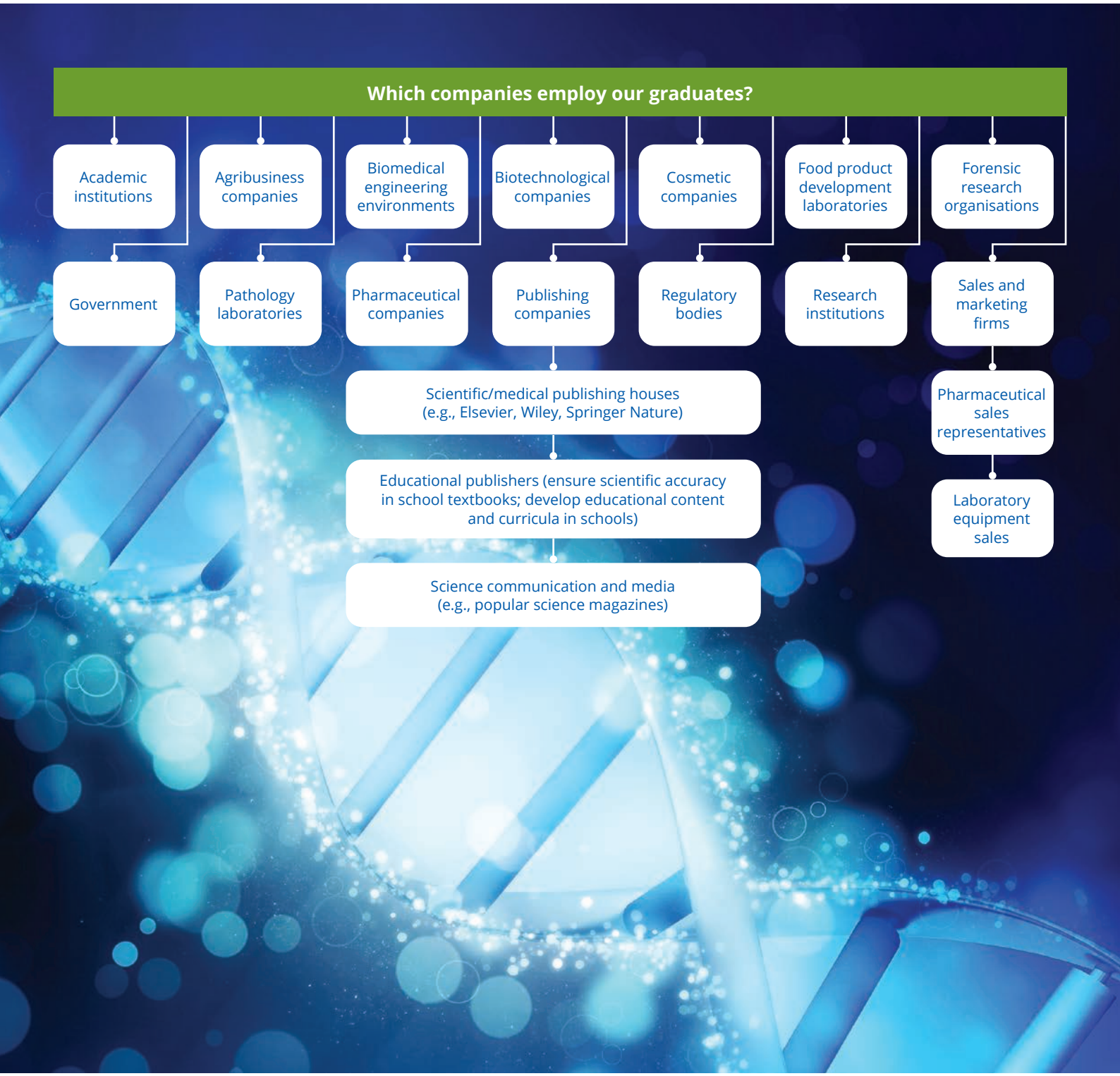
Biochemistry offers many opportunities for exciting and challenging careers in medical research and in the food and pharmaceutical, fine chemicals and waste processing industries. Possible employers are academic institutions, research councils such as the Medical Research Council (MRC), the Agricultural Research Council (ARC), the Cancer Association of South Africa (CANSA) and the Water Research Commission (WRC) and applied research agencies such as the Council for Scientific and Industrial Research (CSIR) and forensic and pathology laboratories.

Career opportunities include those of researcher, lecturer, teacher and medical representative. Graduates are comfortable in work environments such as universities, research institutions, pharmaceutical and biotechnology companies and related industries.



BIOLOGICAL SCIENCES

Biochemistry, Genetics and Microbiology



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Biochemistry [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Zoology and Entomology

Bachelor of Science in Ecology

The Bachelor of Science in Ecology programme explores how animals and plants interact with each other and the natural environment. It provides an opportunity to contribute to their conservation and address the challenges threatening life on Earth. This programme is ideal for those pursuing a career in biodiversity conservation, environmental consultancy, land rehabilitation, or wildlife management.

What makes this programme unique?

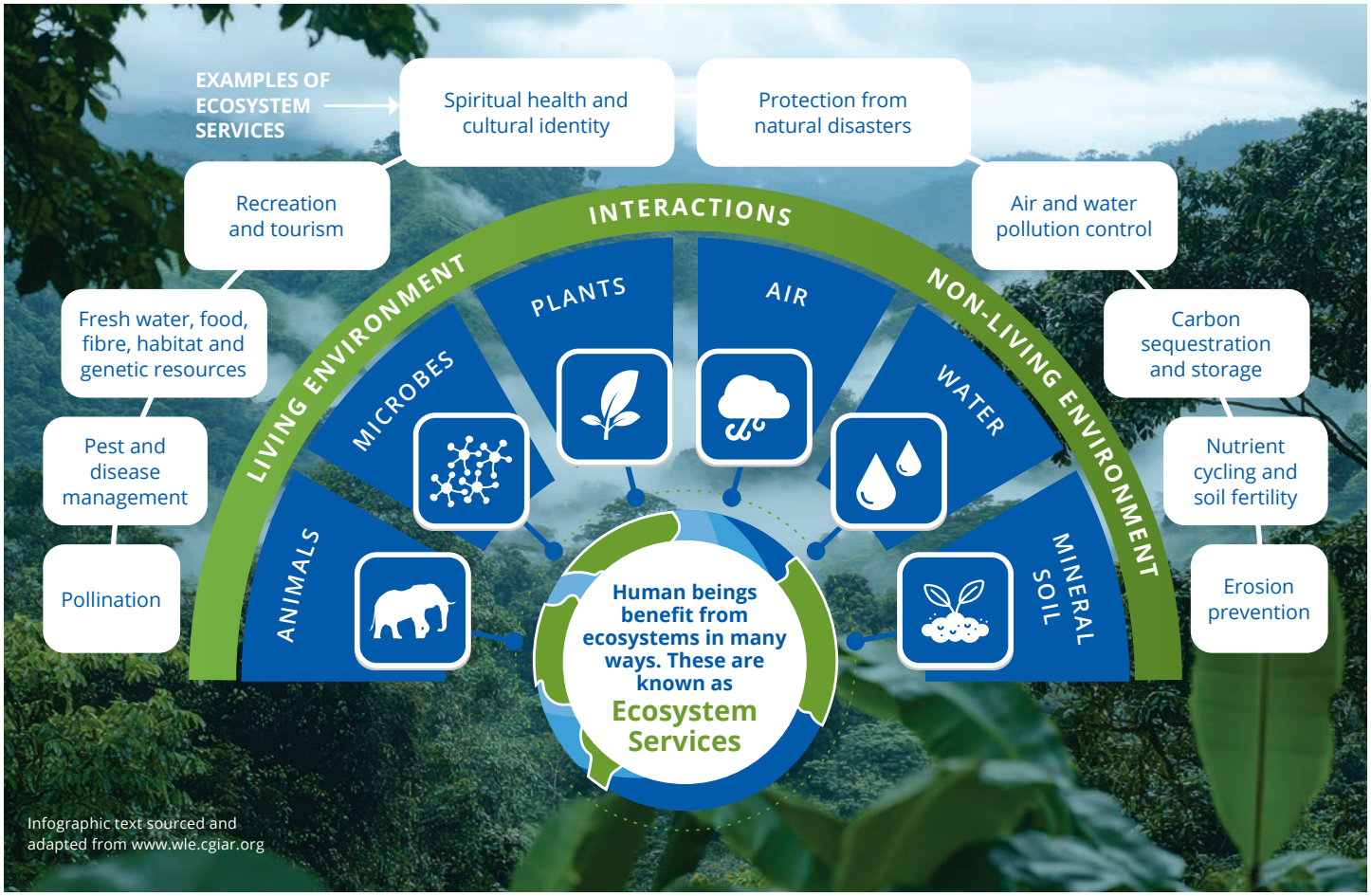
Bachelor of Science in Ecology is the only programme of its kind offered in South Africa and teaching is focused on animals and plants, ecology, geographic information systems and quantitative statistics.

Career opportunities

As a graduate you can find employment as a conservation officer or manager, environmental consultant or manager, game ranger, research scientist, data manager and more.

Which companies employ our graduates?

Graduates can find employment at government agencies focused on the environment, conservation organisations, state or private game reserves, environmental consultancies, education initiatives, academic and training institutions.



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Ecology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Zoology and Entomology

Bachelor of Science in Entomology

The Bachelor of Science in Entomology programme provides exciting insights into insect diversity, conservation, ecology and physiology. Graduates can contribute to the protection of crops, livestock, human health and the environment. This programme is ideal for those interested in a career in forensics, environmental affairs, or plant, animal or public health.

Which companies employ our graduates?

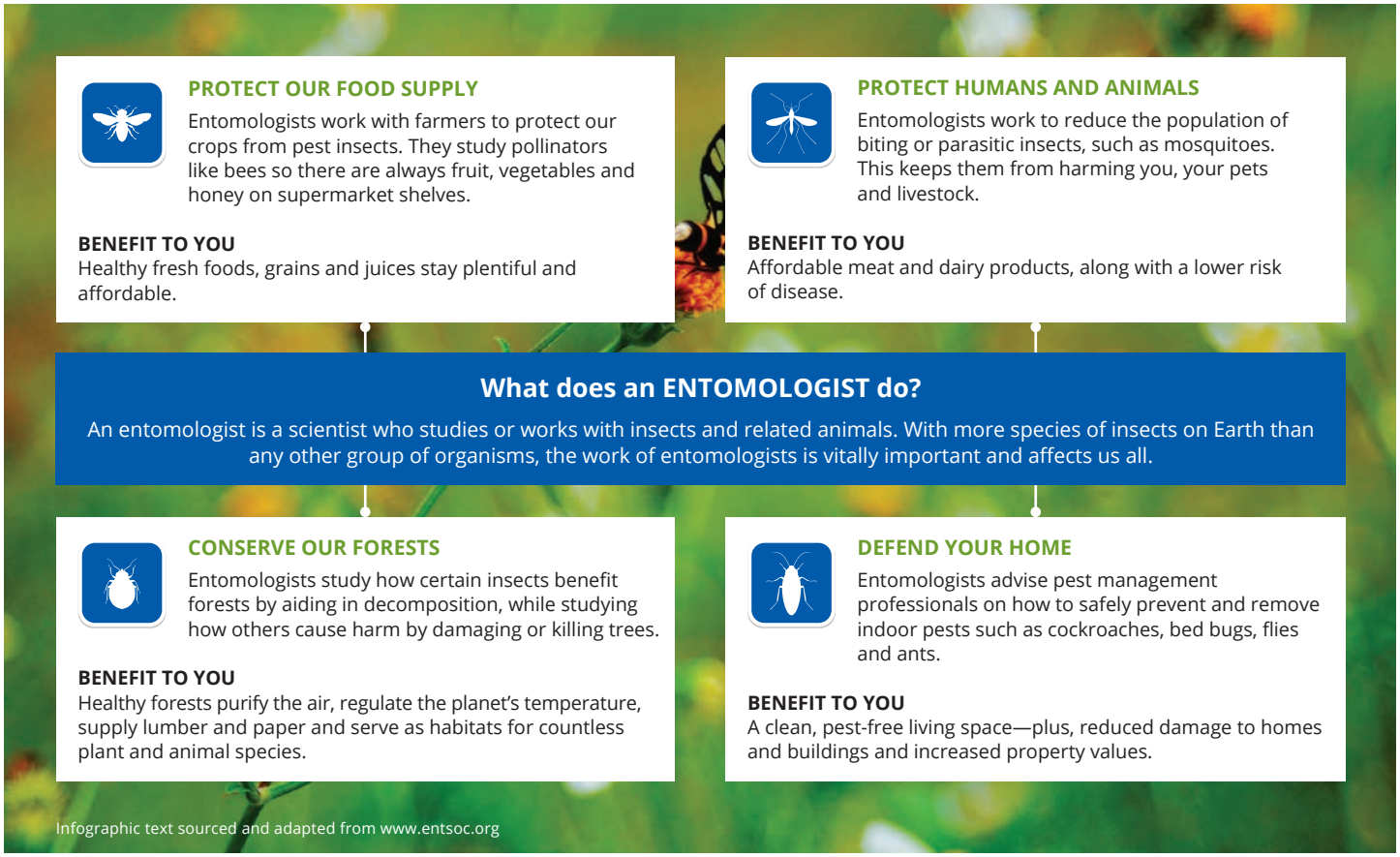
Graduates are employed by various government and international agencies, agricultural industries and research institutes, environmental consultancies, nature conservation agencies, museums, the South African Police Service and public health research and policy institutes. Graduates can also establish their own businesses in the growing industries of insect production for biological control, animal feed or human food.

What makes this programme unique?

All of our lecturers are leaders in their fields. They have strong ties to governments, local and international organisations and industries. This unlocks employment, networking and postgraduate opportunities.

Career opportunities

Graduates find employment as researchers in biological control, curators for entomological collections, environmental consultants and managers, forensic entomologists, specialists in insect pest management, insect-rearing and laboratory technicians, quarantine officers, public health practitioners and many more.



PROTECT OUR FOOD SUPPLY

Entomologists work with farmers to protect our crops from pest insects. They study pollinators like bees so there are always fruit, vegetables and honey on supermarket shelves.

BENEFIT TO YOU
Healthy fresh foods, grains and juices stay plentiful and affordable.

PROTECT HUMANS AND ANIMALS

Entomologists work to reduce the population of biting or parasitic insects, such as mosquitoes. This keeps them from harming you, your pets and livestock.

BENEFIT TO YOU
Affordable meat and dairy products, along with a lower risk of disease.

What does an ENTOMOLOGIST do?

An entomologist is a scientist who studies or works with insects and related animals. With more species of insects on Earth than any other group of organisms, the work of entomologists is vitally important and affects us all.

CONSERVE OUR FORESTS

Entomologists study how certain insects benefit forests by aiding in decomposition, while studying how others cause harm by damaging or killing trees.

BENEFIT TO YOU
Healthy forests purify the air, regulate the planet's temperature, supply lumber and paper and serve as habitats for countless plant and animal species.

DEFEND YOUR HOME

Entomologists advise pest management professionals on how to safely prevent and remove indoor pests such as cockroaches, bed bugs, flies and ants.

BENEFIT TO YOU
A clean, pest-free living space—plus, reduced damage to homes and buildings and increased property values.

Infographic text sourced and adapted from www.entsoc.org

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Entomology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Biochemistry, Genetics and Microbiology

Bachelor of Science in Genetics, Bachelor of Science in Human Genetics and Bachelor of Science in Biotechnology

Genetics is at the core of the biological, agricultural, veterinary and medical sciences and has become essential in fields as diverse as virology and epidemiology, biodiversity conservation and sustainable agriculture. Our graduates are so versatile that they can be found in a variety of careers, both locally and abroad. Some of our top students continue their studies internationally.

Both the Bachelor of Science in Genetics and the Bachelor of Science in Human Genetics qualifications offer single- and double-major options. Students can choose to specialise in genetics as a single major or combine genetics with a second major. Options include biochemistry, microbiology, plant science or zoology in the Genetics qualification and human physiology in the Human Genetics qualification.

The interdepartmental Bachelor of Science in Biotechnology qualification places particular emphasis on molecular biology and is aimed at empowering students to pursue their interest in biotechnology. Undergraduate training includes exposure to aspects of biochemistry, genetics and microbiology, in addition to other subjects chosen by the student.

Career opportunities

Employment opportunities are available in various fields and graduates may be employed as:

- Biomedical scientists
- Biotechnologists
- Clinical research associates
- Computational biologists
- Molecular biologists
- Plant breeders
- Science communicators
- Teachers
- Bioinformaticians
- Cell biologists
- Field application specialists
- Genetic counsellors
- Researchers and lecturers
- Sales representatives
- Virologists

What makes this programme unique?

While we begin by providing students with a thorough grounding in the principles of genetics, we apply those principles in fields as diverse as genomics; plant and animal biotechnology; diagnostics, bioethics; conservation ecology; population, behavioural and evolutionary studies. This approach places a strong emphasis on understanding underlying concepts and principles and requires a problem-solving mindset and analytical skills that will challenge you. As graduates develop strong analytical and critical thinking abilities, along with creativity in problem solving and data handling, they are well equipped for success in both scientific and non-scientific careers.

Which companies employ our graduates?

Genetics graduates are employed by institutes such as the Council for Scientific and Industrial Research (CSIR), National Health Laboratory Service (NHLS), Agricultural Research Council (ARC), National Research Foundation (NRF), South African National Biodiversity Institute (SANBI) and National Institute for Communicable Diseases (NICD). They have found positions in a wide range of fields, including academia, plant and crop breeding, animal health, microbiology, virology, agriculture and wildlife, the medical and pharmaceutical industries, computational biology and bioinformatics, biomedical science communication, corporate business and sales and human and medical genetics. Employment prospects in the private sector improve significantly for those who pursue postgraduate studies.

Who is the ideal candidate?

Effective science is increasingly transdisciplinary and relies on diverse research teams and areas of expertise. Ideal candidates for qualifications such as Genetics are innovative and creative thinkers with curious minds, a persistent drive to ask questions and seek understanding and a passion for life-science-related topics. A fair grasp of mathematics is also important.

If you are still uncertain about which specific direction to pursue, Genetics offers an excellent opportunity to explore and connect with a range of fields across the life sciences—helping you discover where your true interests lie.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Genetics **Bachelor of Science in Human Genetics** [3 years]	5	5	5	**32**
Bachelor of Science in Biotechnology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Bachelor of Science in Biochemistry, Genetics and Microbiology: Student Testimonials

'I had originally planned to study medicine, but was encouraged to do a Bachelor of Science instead—and it turned out to be one of the best decisions I've ever made. The degree was challenging, but also incredibly rewarding. I was surprised by how interesting the content was and how much I grew, both academically and personally. The triple major offered great variety and the lecturers were passionate and supportive. I made lifelong friends and found a love for science. Now that I'm doing my Honours in Genetics, I can see how strongly this degree prepared me. If you're unsure—give it a try. It might just ignite a passion you didn't expect.'

Rabia Omar – Bachelor of Science in Physiology, Genetics and Psychology

'The Bachelor of Science in Human Physiology, Genetics and Psychology gave me a broad understanding of how humans function—from the molecular to the psychological level and most importantly, the reasons why. If you're curious about how humans function but not yet sure which field of study to pursue, this degree gives you a strong foundation and opens many doors for the future. For me, it sparked a passion for genetics and a desire to understand life on a molecular level. I was able to combine that passion with my love for nature and today I work in animal conservation. This degree can truly shape your path in biology.'

Aidan Boyle – Bachelor of Science Honours in Genetics

'Studying at the University of Pretoria was a truly transformative experience. My undergraduate degree in Human Physiology, Genetics and Psychology gave me a holistic understanding of how the human body and mind work. The interdisciplinary nature of this qualification challenged me to think critically and gave me the opportunity to explore complex biological systems from different angles. The supportive academic environment, engaging lectures and practical sessions made my learning journey incredibly enriching. This degree not only helped me develop strong scientific and analytical skills but also gave me the confidence and foundation I needed to pursue postgraduate studies. I am grateful for the well-rounded, enriching experience that prepared me for my future.'

Tshiamo Lesedi – Bachelor of Science Honours in Genetics

'The Bachelor of Science in Human Genetics gave me the opportunity to explore the intricate connection between our genetic makeup and human disease. Although the degree mainly focused on human disease and physiology, the genetics modules' interdisciplinary nature highlighted the broad impact of genetics on the world. Now, I am enrolled in a Master's degree focusing on malarial disease. My Bachelor of Science laid the foundation for a future in the scientific industry, with the ultimate goal of contributing to targeted drug design and development.'

Alessandra de Gouveia – Bachelor of Science Honours in Biotechnology

'When I left school, my idea of genetics was a vague picture of a white lab coat and DNA samples. I soon realised how much more there was to discover! Genetics is a broad and dynamic field that introduces you to everything from the chemistry of life to microbiology, molecular inheritance and even computational biology. One of the most exciting things about this degree is how it pulls from multiple scientific disciplines—chemistry, biochemistry, physiology, bioinformatics and zoology, giving you a solid foundation while allowing you to discover where your real interests lie. The lecturers made a lasting impression on me. They brought science to life with their contagious passion and made me feel like I was part of something meaningful. Today, I'm a postgraduate student working on a computational project developing a multi-peptide vaccine for parasites in dogs—a field I didn't even know existed when I applied. My undergraduate journey taught me that the world of science is vast and that with a Genetics degree, you can go anywhere you choose—whether it's human health, animal research, plant biology or bioinformatics. It showed me that if you stay curious, the possibilities are endless.'

Mahmooda Milanzie – Bachelor of Science Honours in Genetics

'The Bachelor of Science in Genetics and Microbiology was the perfect choice to help me discover my passion and direction at university. The degree covered a wide range of topics, from microbial interactions to bacterial genetics and virology, which kept me inspired throughout. The material was both challenging and exciting and I always felt supported by knowledgeable and approachable lecturers. During my undergraduate years, I had the privilege of working with some of these lecturers in my postgraduate studies, learning a great deal from them. This exposure motivated me and shaped my path and I now integrate these concepts into my research. After completing my Honours degree in Genetics with a focus on virology, I am currently pursuing my Master's.'

Nipho Mtambo – Bachelor of Science Honours in Genetics

BIOLOGICAL SCIENCES

Human Physiology

Bachelor of Science in Human Physiology

During the first year of study for this degree, students are exposed to a generic range of subjects from the biological and agricultural sciences. In the second year they study physiological systems, (which include the neurophysiological, haematological, cardiovascular, pulmonary, renal, nutritional and digestive, endocrinological and reproductive systems), with biochemistry as a compulsory subject.

The study programme for the third and final year includes a selection of integrated physiology modules, such as exercise and nutrition physiology, cellular and developmental physiology, applied pathophysiology, higher neurological function and industrial physiology. At the third-year level, students have an opportunity to select elective modules in the programme. The Bachelor of Science in Human Physiology programme will appeal to scientifically minded students who are inquisitive by nature.

'I have thoroughly enjoyed earning my Bachelor of Science in Physiology, Genetics and Psychology degree, taking every opportunity that came my way. The field is captivating because it offers a comprehensive and interconnected view of how the human body and mind work, making it especially appealing to curious students exploring various career options. The broad scope of the programme has deepened my interest in scientific research and strengthened my passion for discovery. This degree has given me a strong foundation to pursue my goal of making meaningful contributions to science. I am now pursuing my Honours in Physiology, with the aim of applying my knowledge to help others and building a career in academia.'

Shané Joubert – Bachelor of Science in Physiology, Genetics and Psychology graduate

What makes this programme unique?

Physiologists study how the body functions, starting at the molecular and cellular levels and progressing through tissues, organs and systems to the integrated control of body functions. This foundational knowledge is applied in research to explore both normal and abnormal life processes.

Career opportunities

A Bachelor of Science in Human Physiology is ideally suited for students planning to pursue postgraduate studies. Most professional and research-oriented careers in physiology require further specialisation through honours, master's or doctoral studies. This degree prepares students to remain in the academic environment as researchers, lecturers or scientists.

Graduates may also pursue careers in research or applied settings with additional training. These include working in cooperation with medical and research teams in public and private sectors—such as at the Council for Scientific and Industrial Research (CSIR), the Medical Research Council (MRC), pharmaceutical companies or pathology laboratories.

This degree therefore serves both as a launchpad into advanced academic study and as a foundation for diverse professional pathways, depending on the graduate's chosen direction and further qualifications.

Which companies employ our graduates?

Our graduates are employed by:

- Academia
- State departments (eg the Department of Health)
- Medical and pharmaceutical companies
- Private and government research laboratories—such as the Council for Scientific and Industrial Research (CSIR), the South African Medical Research Council (SAMRC), the National Health Laboratory Service (NHLS), the Agricultural Research Council (ARC), the National Research Foundation (NRF), the South African National Biodiversity Institute (SANBI) and the National Institute for Communicable Diseases (NICD)
- Computational biology and bioinformatics companies
- Biomedical science communication companies
- Corporate and sales businesses
- Wellness companies

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Human Physiology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Human Physiology

Bachelor of Science in Human Physiology, Genetics and Psychology

During the first two years of study, students are exposed to fundamental core scientific and biology-related modules. Final-year studies include modules from all three disciplines (Physiology, Genetics and Psychology), creating opportunities to continue with postgraduate studies in any of the three disciplines.

The Bachelor of Science in Human Physiology, Genetics and Psychology programme is recommended for individuals with a passion for biological and related sciences who wish to gain core knowledge in these fields.

What makes this programme unique?

The structure of this programme allows students to choose any one of the three majors for postgraduate studies. It provides multiple pathways into specific fields that align with a student's particular interests. Another notable feature is the transdisciplinary inclusion of Psychology as a humanities module, which offers additional opportunities.

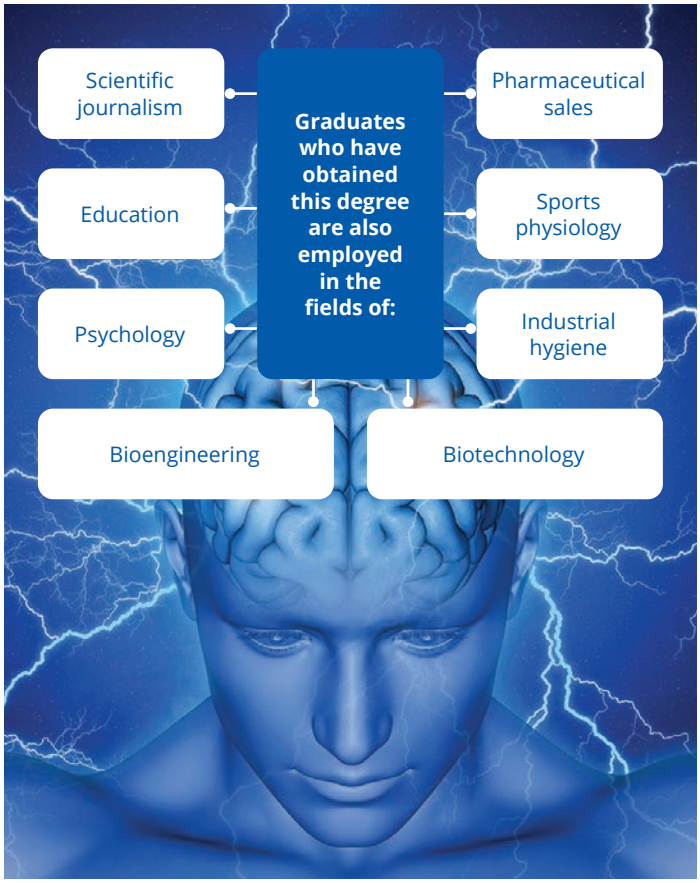
Which companies employ our graduates?

Our graduates are employed by:

- Academia
- State departments (such as the Department of Health)
- Medical and pharmaceutical companies
- Private and government research laboratories—such as the Council for Scientific and Industrial Research (CSIR), the South African Medical Research Council (SAMRC), the National Health Laboratory Service (NHLS), the Agricultural Research Council (ARC), the National Research Foundation (NRF), the South African National Biodiversity Institute (SANBI) and the National Institute for Communicable Diseases (NICD)
- Veterinary and industrial institutions
- Computational biology and bioinformatics companies
- Biomedical science communication companies
- Corporate and sales businesses
- Wellness companies
- Human and medical genetics laboratories

Career opportunities

Many of the career options are research oriented. Research is conducted in cooperation with medical teams at private and government research laboratories, pharmaceutical firms, universities, veterinary and industrial institutions. Further study can lead to careers in genetic counselling and psychology.



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Human Physiology, Genetics and Psychology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Anatomy

Bachelor of Science in Medical Sciences*

The Department of Anatomy is part of the School of Medicine in the Faculty of Health Sciences and hosts a Bachelor of Science in Medical Sciences degree in the Faculty of Natural and Agricultural Sciences.

Students are trained in the basic biomedical sciences, which include clinical anatomy, physical and forensic anthropology, histology, cell biology and embryology. These subjects can be combined with elective modules from physiology, pharmacology and genetics. Ideally, students who register for this degree should have a keen interest in research related to anatomy and the basic biomedical sciences.

What makes this programme unique?

Students are trained in the basic biomedical sciences, including clinical anatomy, physical anthropology and cell biology. During the course of their studies they work with human material, including human skeletal material and do cadaver dissection.

Bachelor of Science in Medical Sciences students make use of the Forensic Anthropology Research Centre (FARC) on the Prinshof Campus. Established in 2008, the FARC is leading research and innovation in micro-CT and 3D printing of human skeletal material in southern Africa. The Centre, as part of its internship programme for postgraduate students, analyses approximately 60 cases per year for the South African Police Service's Victim Identification Centre, giving postgraduate students exposure to real-world forensic work.

References:
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Career opportunities

Career opportunities exist in the field of research in any of the subdisciplines of anatomy, in academia, in forensic science and in the health science industry, including medical device companies, pharmaceutical research, clinical trials coordination and biotechnology firms.

Other careers that may be considered are in sports science, virology, chemical pathology, immunology, health administration or ergonomics. Technical careers, for example in the departments of anatomy or physiology at universities, are another possibility.

Which companies employ our graduates?

Graduates are sought after by institutes in the academic, government and private sectors, where they are employed as lecturers, researchers, medical and forensic scientists and sales representatives in the medical and pharmacological industries. Several of our postgraduate students are currently studying at research facilities in North America and Europe.

Graduates may find work in forensic science, with organisations such as the South African Medical Research Council (SAMRC) or the Council for Scientific and Industrial Research (CSIR) and in state institutions like the National Health Laboratory Service or the Forensic Science Laboratory of the South African Police Service. They can also pursue careers in the health science and pharmaceutical industries with companies such as Aspen Pharmacare and Adcock Ingram.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Medical Sciences* [3 years]	5	5	5	**32**

**The programme name is currently under review and may be subject to change.*

BIOLOGICAL SCIENCES

Biochemistry, Genetics and Microbiology

Bachelor of Science in Microbiology

Microbiology is the study of organisms that cannot be seen with the naked eye, such as bacteria, fungi, algae and viruses. Essentially, the microbiology study programme, with its focus on the structure, function and classification of microbial species, is the gateway to the fascinating microbial world.

Students in this programme will gain access to a wide range of tools and theoretical knowledge. These can be applied to harness and control microbial activities to enhance industrial and agricultural processes, as well as to improve the well-being of animals, humans, plants and the environment.

Who is the ideal candidate?

Aspiring microbiologists should have a strong foundation in science and a natural curiosity about the functioning of biological systems in their environments. Microbiology intersects with fields such as botany, chemistry, zoology, physiology, genetics, medicine, nutrition and environmental sciences.

Candidates should also appreciate that microbiology is an ever-evolving field that spans multiple scientific disciplines and recognise the profound impact microbes have on every aspect of life on Earth.

What makes this programme unique?

In microbiology, students learn about the different types of microbes which, even though invisible to the naked eye, represent the most abundant life forms on earth. It is believed that many microbes have not yet been discovered and others are well adapted to survive in extreme conditions that resemble conditions believed to have been prevalent when life began on Earth billions of years ago. Microbiology is also one of only a few degree programmes that unites a diverse group of individuals (such as immunologists, geneticists, bioinformaticians, computational biologists, environmental scientists) under one umbrella.

Career opportunities

Since the field of microbiology has many branches, graduates can follow various careers in industry or in academia, where they can contribute to increasing scientific knowledge, or they can establish their own businesses.

Which companies employ our graduates?

Graduates with microbiology degrees are employed by leading research institutes in South Africa, including the Council for Scientific and Industrial Research (CSIR), the Agricultural Research Council (ARC), the National Institute for Communicable Diseases (NICD), the South African Sugarcane Research Institute (SASRI), the South African Medical Research Council (SAMRC) and the National Research Foundation (NRF).

They also find opportunities in biotech industries such as Inqaba Biotec, CapeBio, Akili Labs and BioTech Africa. Generally they are employed as:

- Managers (e.g., land remediation/laboratory managers)
- Food technologists
- Laboratory technicians
- Quality assurance specialists
- Plant pathologists
- Medical/clinical microbiologists
- Biomedical scientists
- Bioinformaticians
- Agricultural scientists
- Scientific writers

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Microbiology [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Plant and Soil Sciences

Bachelor of Science in Plant Science

Although plants are incredible organisms, much of their potential remains unexplored. What is well established, however, is that plants are unparalleled factories for producing valuable natural products.

A three-year degree in Plant Sciences provides a broad foundation in the field, with opportunities for further specialisation in medicinal plant science, plant biotechnology or ecology and biodiversity.

In medicinal plant sciences, students explore the discovery and application of plant-based medicines and naturally occurring compounds with healing properties. Those studying plant biotechnology learn about molecular tools and work with specific plant species to understand how plants function. In ecology and biodiversity, students study South Africa's rich vegetation, its origins and strategies for conservation and sustainable management.

Who is the ideal candidate?

The ideal candidate is someone who is inquisitive, has a broad interest in plants and the environment, conservation and in improving wellness and quality of life.

What makes this programme unique?

The Department of Plant and Soil Sciences is dynamic, innovative, modern and relevant. Staff members undertake world-class research and 70% have received NRF ratings.

Much of the research is of an applied nature and contributes to the improvement of agricultural crops and methods, knowledge of plant diseases, the use of plant-derived compounds, biodiversity (including evolutionary systematics and ecology) and plant biotechnology.

Which companies employ our graduates?

Our graduates are employed at organisations/institutions such as:
- The South African Medical Research Council (SAMRC)
- The Council for Scientific and Industrial Research (CSIR)
- The South African National Biodiversity Institute (SANBI)
- Pharmaceutical industries
- Tertiary institutions
- Government departments

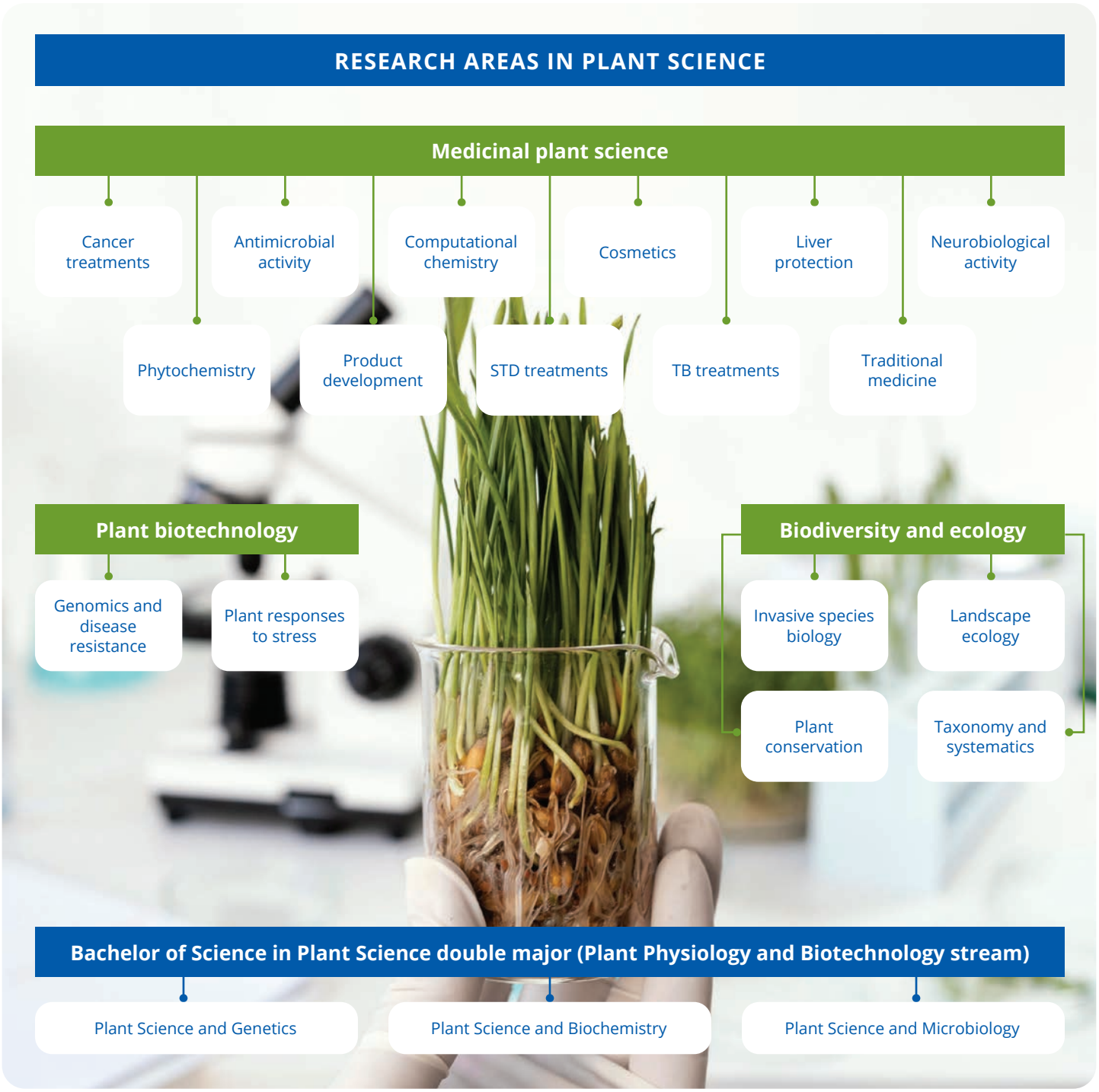
Career opportunities

- Academic/ teacher
- Agricultural specialist
- Climate change biologist
- Conservationist
- Ecological consultant
- Pharmaceutical researcher
- Plant biotechnologist
- Plant systematist

BIOLOGICAL SCIENCES

Plant and Soil Sciences

Bachelor of Science in Plant Science (continued)



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Plant Science [3 years]	5	5	5	**32**

BIOLOGICAL SCIENCES

Zoology and Entomology

Bachelor of Science in Zoology

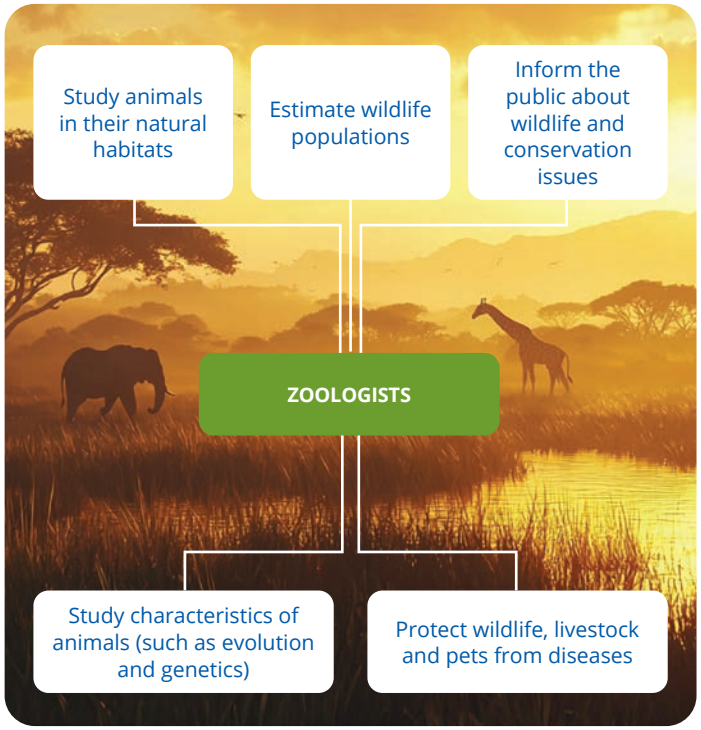
Zoology is the scientific study of animal life. The Bachelor of Science in Zoology programme equips students with the knowledge and skills to understand, protect and manage the diversity of wild African animals. The programme includes training in animal evolution and diversity, physiology, behaviour, ecology and related scientific fields.

Who is the ideal candidate?

This programme is ideal for those interested in understanding how animals interact with each other, sense and respond to their environment, are harvested sustainably and are protected from human-induced threats.

What makes this programme unique?

The University of Pretoria is the top-ranked institution in Africa for Zoology and hosts the internationally renowned Mammal Research Institute.



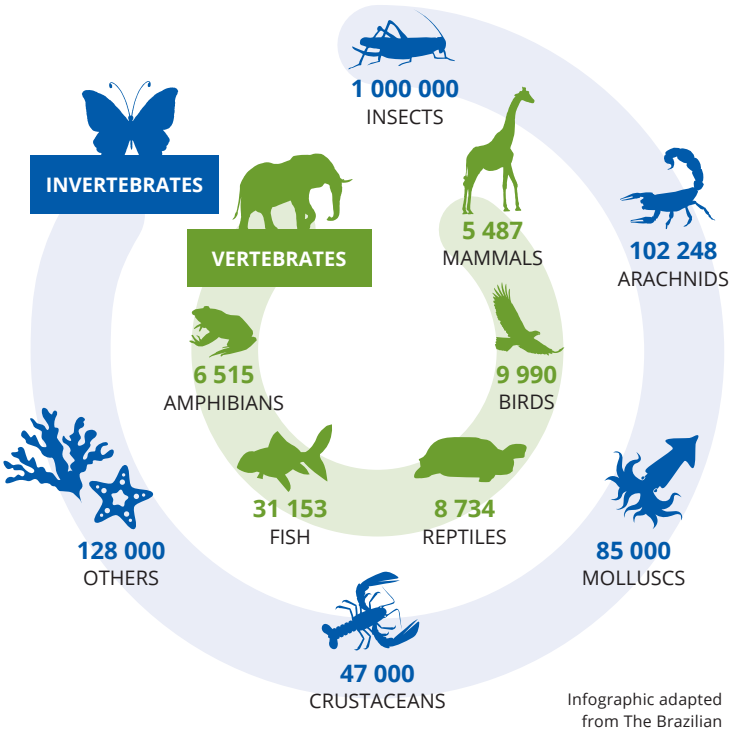
Career opportunities

This degree can lead to a career as a wildlife or marine biologist, biology teacher, conservation officer, animal welfare officer, environmental consultant or manager, zoo or aquarium curator, museum collection curator, game ranger, epidemiologist and researcher, among others.

Which companies employ our graduates?

Our graduates are employed by national, provincial and local governments, international and private conservation organisations, zoos and aquariums, museums, environmental consultancies, environmental education initiatives, academic and training institutions and many other organisations.

The vast diversity of animal species awaits discovery!



Infographic adapted from The Brazilian Biodiversity Information System

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Zoology [3 years]	5	5	5	**32**

MATHEMATICAL SCIENCES

Actuarial Science

Bachelor of Science in Actuarial and Financial Mathematics

The financial world is changing fast, and there is a big demand for graduates who can think analytically, solve problems and work confidently with numbers and data.

This programme helps students build those skills through a strong mix of theory and practical learning. Students can choose to focus their studies on either Actuarial Science or Financial Mathematics.

If you are interested in becoming an actuary, the actuarial option is designed to help students achieve exemption from the Actuarial Society of South Africa's examinations in the shortest possible time. If you see yourself as a financial analyst or financial engineer, the financial mathematics option gives students the knowledge and skills to design and analyse financial products and make sense of complex financial systems.

What is an actuary?

An actuary is a professional who applies analytical, statistical and mathematical skills to financial and business problems. This is especially valuable when facing real-world problems that involve uncertain future events or financial risk. By turning uncertainty into measurable risk, actuaries help people and businesses protect their future confidently and fairly in a constantly changing world (Actuarial Society of South Africa).

Who is the ideal candidate?

The ideal candidate is a high-achieving student who consistently earns seven or more A's (80%-100%) in high school. They are actively involved in sports and cultural activities, and often hold leadership roles. This student is well-rounded, highly motivated, and likely to excel in an AP Mathematics course if available. The ideal candidate also enjoys coding and solving problems with computers when given the opportunity.

Which companies employ our graduates?

Graduates are generally employed by accounting firms, banks, consulting firms, insurance companies, investment companies, medical schemes and universities.

What makes this programme unique?

The study programme prepares students for qualification as actuaries or financial engineers. Specialisation in either of these fields occurs in the third year of study and continues at postgraduate level.

The programme is accredited with the Actuarial Society of South Africa and gives students the opportunity to earn exemptions from the A100 and A200 subjects of the Actuarial Society of South Africa during their undergraduate degree. To achieve further exemptions, a follow-up honours degree is recommended.

We prepare our students to succeed in the actuarial workplace. Leading companies value our graduates highly, and some even actively seek out students from our programme.

Career opportunities

Many actuaries follow careers in the more traditional fields of insurance and retirement funds. However, actuaries are also increasingly working in other fields due to their advanced analytical skills. This includes healthcare, financial consulting, risk management and banking. Because of their unique skills, many actuaries are appointed to senior management positions after their initial analytical roles.

Financial engineers are employed by banks and financial institutions, brokerage firms and investment institutions. They are essential in portfolio and risk management. Activities include asset management (trading in bonds, futures and derivative instruments such as options), designing new financial products and devising strategies to control credit risk.

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Science in Actuarial and Financial Mathematics [3 years]	5	7	**36**

MATHEMATICAL SCIENCES

Mathematics and Applied Mathematics

Bachelor of Science in Mathematics and Bachelor of Science in Applied Mathematics

Mathematics, which originated from arithmetic and geometry, is based on patterns and structures and is the fundamental language of science and technology.

Applied mathematics is concerned with the modelling and treatment of real-life problems in a variety of fields, such as engineering, finance, statistics, physics and biology. The power of mathematics and applied mathematics lies in their abstract, analytical and computational nature. Today, mathematics is essential for all technological, financial and managerial industries, which form the backbone of the South African economy.

Who is the ideal candidate?

The ideal candidate is someone who enjoys mathematics and excel in the subject. They have a strong foundation in basic mathematical concepts and a passion for solving problems.

What makes this programme unique?

The Department of Mathematics and Applied Mathematics is not only one of the largest departments on the Hatfield Campus, but also one of the largest mathematics departments in the country, with approximately 17 500 student enrolments for mathematics modules. The Department prides itself on excelling in teaching and research, as well as in community-based activities.

The diverse and competent staff has expertise in various fields. The Department regularly hosts international visitors and its researchers frequently travel abroad to attend conferences and pay research visits. No fewer than 30 of its researchers have received NRF ratings in fields ranging from more traditional abstract analysis to contemporary epidemiology, where the modelling of biological phenomena leads to exciting options.

A degree in mathematics trains students to apply, evaluate and adapt existing problem-solving techniques, or to develop new mathematical models and techniques to solve problems stemming from natural, technological and financial phenomena.

Career opportunities

Graduates in mathematics and applied mathematics are employed by research institutions, in education (universities and schools), the public sector (government and medical institutions) and the private sector (engineering companies, financial institutions and the computer industry).

Training in abstract, analytical and computational thinking gives graduates a versatile foundation, allowing them to adapt easily to changing professional environments and to create mathematical models of natural, technological and financial systems. Mathematicians and applied mathematicians apply, evaluate and refine existing problem-solving methods or develop new ones to tackle complex challenges.

Which companies employ our graduates?

A Bachelor of Science in Mathematics or Bachelor of Science in Applied Mathematics degree is a solid foundation for a professional career in many fields. Many of our graduates are employed by the banking and financial sector, but also in new fields like bioinformatics, genetics, management consulting and weather forecasting. As there is a general shortage of mathematicians in South Africa, top performing students opt for further studies and an academic career.

Bachelor of Science in Mathematics

Compulsory modules are:

- Analysis
- Abstract algebra
- Calculus
- Linear algebra
- Differential equations
- Mathematical modelling
- Mathematical statistics
- Dynamical processes (first-year level)
- Numerical analysis (first-year level)
- Discrete structures (second-year level)
- Geometry (third-year level)

Bachelor of Science in Applied Mathematics

Compulsory modules are:

- Analysis
- Continuum mechanics
- Partial differential equations
- Calculus
- Linear algebra
- Discrete structures
- Mathematical modelling
- Mathematical statistics
- Dynamical processes (first-year level)
- Differential equations (second-year level)
- Dynamical systems (third-year level)
- Numerical analysis (third-year level)

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Science in Mathematics **Bachelor of Science in Applied Mathematics** [3 years]	5	6	**34**

MATHEMATICAL SCIENCES

Statistics

Bachelor of Science in Mathematical Statistics

Statistics is the science of extracting valuable information from diverse data sources using cutting-edge technologies. These tools enable companies and institutions to stay competitive on a global scale.

Statistics is the backbone of data science and is fundamental to driving future advancements. This degree will prepare a graduate for a career in data science. Exceptional opportunities await students eager to excel in this field. Graduates will not only enjoy a fulfilling and dynamic career but also receive above-average compensation.

Who is the ideal candidate?

An ideal candidate for this programme is someone with:
- strong numerical skills;
- an interest in computers and computer programming;
- logical reasoning ability and critical thinking skills; and
- strong problem-solving skills.

What makes this programme unique?

The Statistics programme can uniquely combine students' interest in mathematical statistics with their interest in, for example, insurance science, economics, mathematics and applied mathematics. By completing this programme you will be positioned at the forefront of analytical thinking and application in the statistical, computational and interdisciplinary environments, like data science, in the future.

Which companies employ our graduates?

- Commerce companies (especially online shopping, customer analytics and recommender systems)
- Financial and banking companies
- Health companies
- Information technology companies
- Insurance and accounting companies
- Logistics and transport companies
- Pharmaceutical industries
- Research and development organisations
- Telecommunication companies
- Universities and other educational bodies

Career opportunities

- Artificial intelligence scientist
- Bio-statistician
- Business analyst
- Consultant in banking and finance
- Data analyst
- Data scientist
- Environmental scientist
- Forensic investigator
- Financial risk analyst
- Geospatial information scientist
- Investment analyst
- Market researcher
- Statistical software engineer
- Quality analyst

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Science in Mathematical Statistics [3 years]	5	6	34

PHYSICAL SCIENCES

Chemistry

Bachelor of Science in Chemistry

Chemistry is the study, understanding and analysis of substances and materials and how they interact. This is achieved through carefully designed laboratory experiments using sophisticated instrumentation, mathematical calculations, data processing and modelling.

Who is the ideal candidate?

The ideal candidate will have the following characteristics:
- The ability to work with high precision and accountability;
- good time management;
- proficiency in scientific writing;
- ability to work in a team;
- good management skills; and
- environmental consciousness in work ethic.

What makes this programme unique?

Bachelor of Science in Chemistry graduates have the ability to combine concepts across different fields. They develop excellent analytical and problem-solving skills, which can also be applied in less traditional fields, for example, the financial sector and information technology. Chemistry is a central science and links with many other subjects, including physics, mathematics, biochemistry, computer science, geology, etc.

Career opportunities

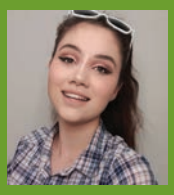
Graduates are equipped for careers in the following fields:
- Chemical manufacturing;
- education;
- environmental studies;
- health;
- industrial chemistry;
- information technology;
- journalism;
- law; and
- research.

Which companies employ our graduates?

Our graduates are employed by:
- Chemical manufacturers;
- mining companies;
- government departments;
- the media;
- law firms;
- laboratories;
- cosmetic companies;
- instrument manufacturers;
- pharmaceutical companies; and
- education companies.

'If someone had told me while I was in high school that I would one day enrol for a degree in chemistry, I would have called them crazy. Not that I did not like the subject but I did not find it interesting. When I registered for the module in first year, it was just a core module that I had to do but when I started learning more, I fell in love with it. For the first time, everything that I had been introduced to in high school made perfect sense. It was even more amazing that I could explain why and how certain reactions take place. My dream has always been to work in the field of forensic science. The added fact that it is such a broad field makes forensic chemistry my destination.'

Daisy Mdeka – Bachelor of Science in Chemistry



'Chemistry used to be that one class I dreaded taking back in high school, but that completely changed for me when I started taking chemistry in my first year as a Bachelor of Science student. Chemistry went from this impossible amount of memorisation to this fascinating field of logic that I got to witness in my everyday life. I started realising how applicable the principles of chemistry are in my life and found myself wanting to learn more for that reason. When it came to choosing a career, I decided to focus on biochemistry and delve into how chemistry plays a role in biotic factors. I am now pursuing a career in food safety.'

Chrizelda Visser – Bachelor of Science in Chemistry

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Chemistry [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Geology

Bachelor of Science in Environmental and Engineering Geology

This degree offers specialisation in engineering geology and hydrogeology. Engineering geology is the study of how the ground—soil and rock—behaves and how it can affect engineering projects. It includes geotechnical studies and is closely related to construction, such as building foundations or excavation, using geological materials like rocks and soil. It also examines how geological, landform and water-related processes can influence construction and development.

Hydrogeology, on the other hand, is the study of water's occurrence, distribution and movement beneath the Earth's surface. This field encompasses both quantitative aspects, such as water supply, safe abstraction and pumping effects, as well as qualitative concerns like contamination, remediation and drinking water quality.

Who is the ideal candidate?

The programme requires a strong understanding of mathematics and mechanics. Genuine concern for our planet, a desire to work outdoors and an interest in geology or geomorphology will be an advantage. Depending on your personality, you can choose how you would like to divide your time between doing fieldwork and working on a computer.

What makes this programme unique?

Very few universities offer professional qualifications in engineering geology and hydrogeology, but UP offers both. This gives the university a strong advantage at the intersection of infrastructure development and underground water management. The qualification complies with the requirements for professional registration.

Career opportunities

Engineering geologists work closely with civil engineers, mining engineers, town planners and environmental scientists. Your work will require you to identify geological hazards, source building materials and supply foundation solutions.

As a hydrogeologist, you will be involved in the supply of water for urban, agricultural and industrial use. Today, many graduates work in contaminant transport and remediation, which involves identifying sources of pollution and finding suitable remediation solutions.

Which companies employ our graduates?

Graduates find employment in the civil and infrastructure industries, the mining sector and parastatals such as the Council for Geoscience and the Council for Scientific and Industrial Research (CSIR). They also work in government departments, including the Department of Water Affairs, the National Home Builders Registration Council (NHBRC) and local municipalities.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Environmental and Engineering Geology [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Geography, Geoinformatics and Meteorology

Bachelor of Science in Geography
Option: Geography and Environmental Science

Geographers and environmental scientists study processes, relationships and the interdependence between the natural environment and humans.

Anyone who has a passion for the environment and has a background in the sciences will be interested in the Bachelor of Science in Geography Option: Geography and Environmental Science programme.

What makes this programme unique?

The programme enhances students' understanding of the physical, social and constructed environments, incorporating all the natural processes that take place on Earth, as well as the socio-political and cultural activities that dominate the planet.

Which companies employ our graduates?

- **Private sector**, such as real estate, planning, architectural and engineering firms, banks, tourism organisations, environmental conservation bodies
- **Government departments**, such as the Departments of Forestry, Fisheries and the Environment (DFFE), Agriculture, Land Reform and Rural Development (DALRRD), Water and Sanitation (DWS), Tourism (DT), Basic Education (DBE) and Higher Education and Training (DHET) and Statistics South Africa (Stats SA)
- **Parastatal organisations**, such as the South African Bureau of Standards (SABS), the South African National Biodiversity Institute (SANBI) and the Council for Scientific and Industrial Research (CSIR)
- **Self-employed**, working mainly in areas such as marketing, planning, development, tourism, cartography, remote sensing, environmental analysis, social impact assessments and environmental auditing

Career opportunities

Geography and environmental science offer a range of career paths, including teaching, research (for a variety of bodies) and careers requiring the application of geographical knowledge and skills in practice. Graduates can focus on environmental management; urban development issues, regional and rural development; and environmental health or environmental issues, including pollution, climate change and the understanding and addressing of negative impacts on biodiversity/ ecosystem services through activities such as mining, agriculture and tourism.

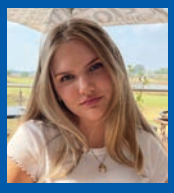
PHYSICAL SCIENCES

Geography, Geoinformatics and Meteorology

Bachelor of Science in Geography
Option: Geography and Environmental Science (continued)

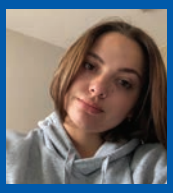
'Geography and Environmental Science is an interesting degree that allows you to explore an array of different fields relating to the environment and enables you to understand the planet holistically. The degree looks into natural environments, human societies and their interactions, encouraging critical thinking and leading to the development of problem-solving skills. I thoroughly enjoyed the degree and liked that it allowed me to choose elective modules depending on my interests.'

Bridget Lotter – Bachelor of Science in Geography



'Deciding to study Geography and Environmental Science has been the best decision I could have made in the journey of pursuing my passion. This carefully compiled degree has combined the social and physical aspects of geography, while also equipping us with the necessary GIS knowledge to excel in this field. I cannot wait to apply these diverse skills in my future environmental consulting career, where I aim to increase people's positive environmental impact.'

Hilét Boshoff – Bachelor of Science in Geography



'I chose the Geography and Environmental Science programme because of my passion for learning about the environment. I am also deeply interested in the scientific foundation of geographical studies in nature and our ever-changing world. This programme has helped me expand my knowledge, enabling me to effectively integrate it into my teaching career and classes.'

Sunè Peenz – Bachelor of Science in Geography

'There is nothing more empowering than learning about the world around us and discovering how we can make a difference—understanding the problems we face and identifying solutions. The Geography and Environmental Science programme has provided me with tools I will use for the rest of my life, as well as a perspective on how we are harming the environment and what I can do to help.'

Cameron MacLean-Banks – Bachelor of Science in Geography

'I initially signed up for Geography and Environmental Science because I have a strong interest in issues pertaining to the environment, specifically how humans, the agricultural sector and biodiversity are affected by climate change. According to my personal beliefs, I believe God has commanded us to protect the environment from harmful elements. My ability to think critically about the challenges we face today and those we will encounter in the future as we continue with business as usual, has been greatly enhanced by my enrollment in the Geography and Environmental Sciences degree. While it may be difficult to reduce or change our current struggles, we can still strive to improve the world.'

Liyema Zitasi – Bachelor of Science in Geography

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Geography Option: Geography and Environmental Science [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Geography, Geoinformatics and Meteorology

Bachelor of Science in Geoinformatics

The Bachelor of Science in Geoinformatics programme entails the collection, storage, analysis, visualisation and management of geospatial information by using an assortment of geospatial analytical methods and tools to help with decision making and providing solutions to geographic problems.

Our graduates have a passion for geography, with an interest in collecting, processing, displaying and analysing geographic information. They are skilled in deriving data, like geospatial data products and using computing technology and quantitative techniques to address geographical problems.

What makes this programme unique?

The South African Geomatics Council endorses the Bachelor of Science in Geoinformatics programme. Upon completing the Bachelor of Science in Geoinformatics , you can register as a Candidate Geomatics Practitioner (CGP) - GISc Technologist.

Career opportunities

Career opportunities include roles such as web programmer, geospatial data officer, geospatial software developer, mobile app developer, geovisualisation specialist, GIS project manager, GISc consultant, map designer, spatial data analyst, earth observation data analyst and systems analyst.

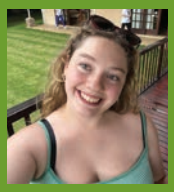
Which companies employ our graduates?

Graduates with a Bachelor of Science in Geoinformatics readily find work at organisations such as:

- The Environmental Systems Research Institute (ESRI) South Africa;
- Intergraph Systems Southern Africa;
- The Council for Scientific and Industrial Research (CSIR);
- The Agricultural Research Council (ARC);
- AfriGIS; GeoTerra Image; GISCOE; Zutari; Kartoza;
- The South African National Space Agency (SANSA);
- South Africa's national mapping organisation, National Geo-Spatial Information (NGI);
- Any municipality in the country;
- Government departments, such as the Departments of Forestry, Fisheries and the Environment (DFFE), Agriculture, Land Reform and Rural Development (DALRRD), Water and Sanitation (DWS), Science and Innovation (DSI) and Statistics South Africa (Stats SA).

'My decision to pursue Geoinformatics at the University of Pretoria was sparked by the realisation of GIS's limitless potential to solve real-world problems. I was particularly struck by its widespread applications during the COVID-19 pandemic in my first year of studies, when GIS became instrumental in tracking the virus's spread, identifying high-risk areas and optimising resource allocation. The ability to integrate spatial data with other disciplines – such as healthcare, urban planning and environmental management – truly fascinated me. UP's programme not only deepened my understanding of GIS's technical aspects but also fostered my passion for its transformative potential across diverse industries. I am confident that my education at UP has equipped me to make a meaningful impact in this exciting and rapidly evolving field.'

Sonet Vermaak – Bachelor of Science in Geoinformatics



'I study Geoinformatics as it is something that I feel is relevant to our current world and can be used in many applications. It has capacities beyond our imaginations and I have really enjoyed studying something so unique yet also so applicable in every domain. I've enjoyed learning many different skills and being exposed to various areas and fields such as programming, legislation, business and, of course, spatial applications. I've really enjoyed what the degree has given me so far and I can't wait to see what the future holds for GIS and where it will take me next. I highly recommend Geoinformatics to anyone interested in understanding and aiding the world around us. If you are keen to study something very dynamic and impactful, then this degree is for you.'

Scout Yatt – Bachelor of Science in Geoinformatics

'I chose this degree because I love the outdoors and the natural environment. I find it really fascinating to learn how mankind and society interact with one another, as well as how they interact with and influence the natural environment around them. Upon discovering this degree and reading through its yearbook, I knew that this was definitely the one for me. The intelligently designed outline of the course allowed me to choose a major I knew I would enjoy (Geoinformatics). It also allowed me to develop useful interdisciplinary skills that I know will be extremely useful in the working world and when applying for jobs.'

Kyle Theron – Bachelor of Science in Geography Option: Geography and Environmental Science, majoring in Geoinformatics

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Geoinformatics [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Geology

Bachelor of Science in Geology

Geology is the study of the Earth, including its formation, composition, structure and natural processes. South Africa is famous for its large reserves of gold, platinum, chromium, vanadium and other metal ores, as well as significant diamond and coal deposits.

Just an hour's drive from UP, you can reach the Karoo coalfields, the site of the Cullinan diamond discovery, the Bushveld platinum mines and the Witwatersrand gold mines. South Africa also features some of the Earth's oldest and best-exposed geology, along with important fossils that reveal the planet's history.

Who is the ideal candidate?

The programme requires an appreciation for mathematics and chemistry. A love for the Earth and working outdoors and an interest in geology or geomorphology will be beneficial. Depending on your personality, you can decide how you would like to divide your time between working in the field and working in the office.

What makes this programme unique?

UP is well situated within easy reach of the mining and applied geological industries and offers a strong programme in the applied fields of economic geology, structural geology and mechanics and engineering geology and hydrogeology. Candidates who successfully complete this programme qualify for professional registration as geological scientists.

Career opportunities

Geology is split into many subdisciplines which include mineralogy (the study of rock-forming minerals), petrology (the study of rock formation), structural geology (the deformation and behaviour of rock under stress) and economic or mining geology (identification of mineral resources and contribution to the day-to-day operations of mines).

As a geologist, you can choose whether you would prefer to work in a mine or laboratory, or as an exploration geologist in the field. The programme also allows entry into applied geological professions such as hydrogeology and engineering geology.

Apart from working in the mining industry, candidates also find employment at analytical facilities, in forensics or in the insurance industry.

Which companies employ our graduates?

Our graduates are employed as economic or exploration geologists in the mining industry, or work for parastatals (eg the Council for Geoscience, CSIR, MINTEK) or government departments (eg, the Department of Mineral Resources and Energy).

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Geology [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Geography, Geoinformatics and Meteorology

Bachelor of Science in Meteorology

The Bachelor of Science in Meteorology programme focuses on the study of atmospheric processes. An ideal candidate is someone who is fascinated by weather phenomena and is interested in all things concerned with natural science.

What makes this programme unique?

This is the only Meteorology programme offered in South Africa and the SADC region. A student who has successfully completed the Bachelor of Science Honours in Meteorology degree will be regarded as a Class 1 Meteorologist by the World Meteorological Organisation.

The Bachelor of Science Honours in Meteorology degree, which is required to become a professional meteorologist, complies fully with the Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology Volume I – Meteorology.

Which companies employ our graduates?

Meteorologists are employed by institutions involved in the study, interpretation and prediction of weather and climate-related phenomena.

Our graduates are employed at:
- The South African Weather Service (SAWS)
- International Weather Services and companies (for instance in New Zealand, Dubai and Australia)
- The Council for Scientific and Industrial Research (CSIR)
- Universities in South Africa and abroad

'I am studying the Bachelor of Science in Meteorology programme because I'm curious about the forces behind weather events like thunderstorms, heat waves and tropical cyclones. My dream job is to work as a weather forecaster, because providing accurate and timely forecasts is crucial for helping communities prepare for and mitigate the dangers of severe weather. Analysing satellite images and seeing the cloud patterns associated with these powerful systems is amazing!'

Mulisa Mudau – Bachelor of Science in Meteorology

Career opportunities

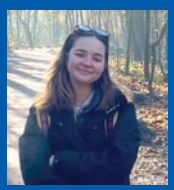
Researchers
They research all aspects of the weather and climate to improve humanity's understanding of atmospheric phenomena. Atmospheric modellers use supercomputers to solve complex flow dynamic equations of the atmosphere. The monitoring of air quality and the modelling of the impact of air pollution on society are two important aspects that need to be addressed. Research on climate change is receiving increasing attention.

Weather forecasters
The weather forecaster must analyse data and predict the weather by using models that are run on supercomputers. Weather forecasts are issued on different time scales, from very short-range forecasting to forecasts that are valid for months ahead, as well as seasonal forecasts. Private positions for people with this qualification include presenting the weather forecast on television.

Climatologists
They manage essential data sets that contain large volumes of information gathered by the SAWS and other organisations.

Consultants
Some meteorologists who work as consultants in the private sector and at universities provide specialised research services.

Lecturers
A few academic positions for meteorologists and climatologists are available at South African universities.



'I have a passion for meteorology because it propels me beyond the confines of conventional thinking, allowing me to delve into the intricate workings of our atmosphere each day. Embracing meteorology opens doors to a realm where every cloud, breeze and storm becomes a captivating puzzle waiting to be solved, fostering a profound understanding of our planet's dynamic nature.'

Anika Meyer – Bachelor of Science in Meteorology

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Meteorology [3 years]	5	5	5	**34**

PHYSICAL SCIENCES

Physics

Bachelor of Science in Physics

The useful and transferable skills that physics students acquire in theoretical, experimental and computational physics equip them for a variety of career options. The Bachelor of Science in Physics programme will appeal to students who are passionate about understanding nature, are driven by curiosity, are interested in mathematics and are willing to put in the required effort.

What makes this programme unique?

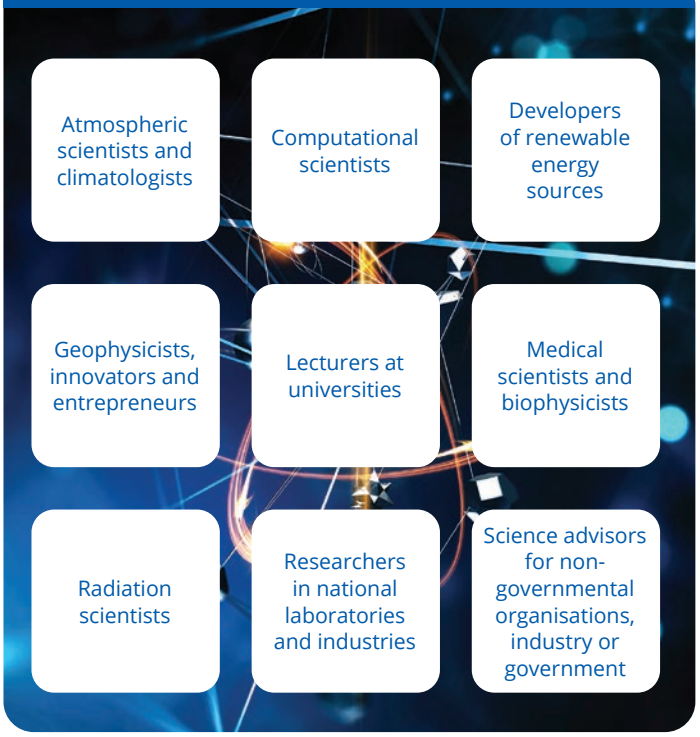
Physics students will develop their creativity, inventiveness, problem-solving abilities, analytical thinking skills and their ability to communicate complex ideas.

Which companies employ our graduates?

Our graduates are employed by organisations/companies such as:

- The Nuclear Energy Corporation of South Africa (NECSA)
- The South African Astronomical Observatory (SAAO)
- The Square Kilometre Array Observatory (SKAO)
- The South African National Space Agency (SANSA)
- iThemba LABS (Laboratory for accelerator-based Sciences)
- The Council for Scientific and Industrial Research (CSIR)
- Denel and IBM

Career opportunities



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Physics [3 years]	5	5	5	**34**

STUDENT LIFE/COMMUNITY ENGAGEMENT INITIATIVES

Student life

NATHouse

NATHouse is the official student house of the Faculty of Natural and Agricultural Sciences. By default, all students registered with the Faculty of Natural and Agricultural Sciences are members of NATHouse. Our logo, which shows a stem sprouting leaves, represents our belief that the desire to learn is a guide to life. It expresses our drive to continuously overcome daily difficulties by looking for new methods to solve them. Science is, after all, focused on research and innovation.

We aim to help students reach their academic goals and achieve optimal academic performance. The House also assists with non-academic issues and provides some 'off-the desk' activities to help students take a break from their studies.

Our Vision

We believe that the love of learning is a guide to life and aim to:

- motivate our student members to achieve academic excellence in the sciences;
- connect our members with the working sector, inspiring them to cultivate their talents and contribute to society;
- emphasise the value of sciences – on campus and in our communities;
- participate in university activities on various levels; and
- provide students with the necessary personal and professional development through personal and professional well-being sessions, various community engagement projects and sports.

Contact information

Address Faculty of Natural and Agricultural Sciences
Agricultural Annex 2–6
Hatfield Campus
Tel +27 (0)12 420 6540
Email nathousetuks@gmail.com
Website www.up.ac.za/nathouse

A problem shared is a problem halved! Visit us at our offices to discuss any issues, academic or non-academic that might be troubling you. We are here to assist you and while we are at it, we may even offer you some coffee!

Community engagement initiatives

Sci-Enza

Sci-Enza, the first science centre on the African continent, has been inspiring curiosity and raising science awareness for almost 60 years. Situated at the University of Pretoria, our mission is to make science fun and engaging for everyone, sparking excitement for learning across all ages.

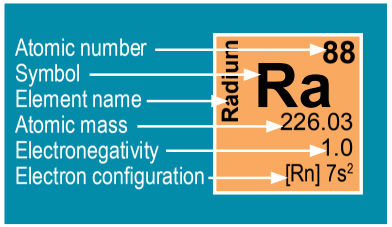
With a passion for fostering public engagement, we aim to create a vibrant environment where science and imagination unite! Through hands-on exhibits, thrilling programmes and unforgettable experiences, we bring science to life both at our centre and through exciting outreach activities.

Sci-Enza is open weekdays during office hours. For more details or to book an appointment, call +27 (0)12 420 3767 or email sci-enza@up.ac.za.

Periodic Table of the Elements

- **Pink** *(left)*: the **s** block elements (consisting: hydrogen, alkali metals, alkaline earth metals).
- **Blue** *(middle)*: the **d** block elements (they are the transition metals).
- **Yellow** *(right)*: the **p** block elements (consisting:some metals, metalloids, non-metals, noble gases, and halogens).
- **Peach** *(two rows at the bottom):* the **f** block elements (they are the inner transition elements, consisting of actinides and lanthanides).
- **Symbols** printed in **solid black:** solids at 25˚C.
- **Symbols** printed in **white with outline:** gases at 25˚C.
- **Symbols** printed in **grey with outline:** liquids at 25˚C.

1 Ia	2 IIa	3 IIIb	4 IVb	5 Vb	6 VIb	7 VIIb	8 VIIIb	9 VIIIb	10 VIIIb	11 Ib	12 IIb	13 IIIa	14 IVa	15 Va	16 VIa	17 VIIa	18 VIIIa
Hydrogen **H** 1 1.0079 2.2 $1s^1$																	Helium **He** 2 4.0026 $1s^2$
Lithium **Li** 3 6.941 1.0 $[He]\ 2s^1$	Beryllium **Be** 4 9.0122 1.5 $[He]\ 2s^2$											Boron **B** 5 10.811 2.0 $[He]\ 2s^2\ 2p^1$	Carbon **C** 6 12.011 2.5 $[He]\ 2s^2\ 2p^2$	Nitrogen **N** 7 14.007 3.1 $[He]\ 2s^2\ 2p^3$	Oxygen **O** 8 15.999 3.5 $[He]\ 2s^2\ 2p^4$	Fluorine **F** 18.998 4.1 $[He]\ 2s^2\ 2p^5$	Neon **Ne** 10 20.18 $[He]\ 2s^2\ 2p^6$
Sodium **Na** 11 22.990 1.0 $[Ne]\ 3s^1$	Magnesium **Mg** 12 24.305 1.2 $[Ne]\ 3s^2$											Aluminium **Al** 13 26.982 1.5 $[Ne]\ 3s^2\ 3p^1$	Silicon **Si** 14 28.086 1.7 $[Ne]\ 3s^2\ 3p^2$	Phosphorus **P** 15 30.974 2.1 $[Ne]\ 3s^2\ 3p^3$	Sulphur **S** 16 32.066 2.4 $[Ne]\ 3s^2\ 3p^4$	Chlorine **Cl** 17 35.453 2.8 $[Ne]\ 3s^2\ 3p^5$	Argon **Ar** 18 39.948 $[Ne]\ 3s^2\ 3p^6$
Potassium **K** 19 39.098 0.9 $[Ar]\ 4s^1$	Calcium **Ca** 20 40.078 1.0 $[Ar]\ 4s^2$	Scandium **Sc** 21 44.956 1.2 $[Ar]\ 3d^1\ 4s^2$	Titanium **Ti** 22 47.88 1.3 $[Ar]\ 3d^2\ 4s^2$	Vanadium **V** 23 50.942 1.5 $[Ar]\ 3d^3\ 4s^2$	Chromium **Cr** 24 51.996 1.6 $[Ar]\ 3d^5\ 4s^1$	Manganese **Mn** 25 54.938 1.6 $[Ar]\ 3d^5\ 4s^2$	Iron **Fe** 26 55.845 1.6 $[Ar]\ 3d^6\ 4s^2$	Cobalt **Co** 27 58.933 1.7 $[Ar]\ 3d^7\ 4s^2$	Nickel **Ni** 28 58.693 1.8 $[Ar]\ 3d^8\ 4s^2$	Copper **Cu** 29 63.546 1.8 $[Ar]\ 3d^{10}\ 4s^1$	Zinc **Zn** 30 65.41 1.7 $[Ar]\ 3d^{10}\ 4s^2$	Gallium **Ga** 31 69.723 1.8 $[Ar]\ 3d^{10}4s^2\ 4p^1$	Germanium **Ge** 32 72.64 2.0 $[Ar]\ 3d^{10}4s^2\ 4p^2$	Arsenic **As** 33 74.922 2.2 $[Ar]\ 3d^{10}4s^2\ 4p^3$	Selenium **Se** 34 78.96 2.5 $[Ar]\ 4d^{10}4s^2\ 4p^4$	Bromine **Br** 35 79.904 2.7 $[Ar]\ 3d^{10}\ 4s^2\ 4p^5$	Krypton **Kr** 36 83.8 $[Ar]\ 3d^{10}\ 4s^2\ 4p^6$
Rubidium **Rb** 37 85.468 0.9 $[Kr]\ 5s^1$	Strontium **Sr** 38 87.62 1.0 $[Kr]\ 5s^2$	Yttrium **Y** 39 88.906 1.1 $[Kr]\ 4d^1\ 5s^2$	Zirconium **Zr** 40 91.2245 1.2 $[Kr]\ 4d^2\ 5s^2$	Niobium **Nb** 41 92.906 1.2 $[Kr]\ 4d^4\ 5s^1$	Molybdenum **Mo** 42 95.94 1.3 $[Kr]\ 4d^5\ 5s^1$	Technetium **Tc** 43 98.906 1.4 $[Kr]\ 4d^6\ 5s^1$	Ruthenium **Ru** 44 101.07 1.4 $[Kr]\ 4d^7\ 5s^1$	Rhodium **Rh** 45 102.91 1.5 $[Kr]\ 4d^8\ 5s^1$	Palladium **Pd** 46 106.42 1.4 $[Kr]\ 4d^{10}$	Silver **Ag** 47 107.87 1.4 $[Kr]\ 4d^{10}\ 5s^1$	Cadmium **Cd** 48 112.41 1.5 $[Kr]\ 4d^{10}\ 5s^2$	Indium **In** 49 114.82 1.5 $[Kr]\ 4d^{10}5s^2\ 5p^1$	Tin **Sn** 50 118.71 1.7 $[Kr]\ 4d^{10}5s^2\ 5p^2$	Antimony **Sb** 51 121.76 1.8 $[Kr]\ 4d^{10}\ 5s^2$	Tellurium **Te** 52 127.6 2.0 $[Kr]\ 4d^{10}\ 5s^2\ 5p^4$	Iodine **I** 53 126.904 2.2 $[Kr]\ 4d^{10}\ 5s^2\ 5p^5$	Xenon **Xe** 54 131.29 $[Kr]\ 4d^{10}\ 5s^2\ 5p^6$
Caesium **Cs** 55 132.91 0.9 $[Xe]\ 6s^1$	Barium **Ba** 56 137.33 1.0 $[Xe]\ 6s^2$	Lanthanum **La** 57 138.91 1.1 $[Xe]\ 5d^1\ 6s^1$	Hafnium **Hf** 72 178.49 1.2 $[Xe]\ 4f^{14}\ 5d^2\ 6s^2$	Tantalum **Ta** 73 180.95 1.3 $[Xe]\ 4f^{14}5d^3\ 6s^2$	Tungsten **W** 74 183.84 1.4 $[Xe]\ 4f^{14}\ 5d^4\ 6s^2$	Rhenium **Re** 75 186.21 1.5 $[Xe]\ 4f^{14}\ 5d^5\ 6s^2$	Osmium **Os** 76 190.23 1.5 $[Xe]\ 4f^{14}\ 5d^6\ 6s^2$	Iridium **Ir** 77 192.22 1.6 $[Xe]\ 4f^{14}\ 5d^7\ 6s^2$	Platinum **Pt** 78 195.08 1.4 $[Xe]\ 4f^{14}\ 5d^9\ 6s^1$	Gold **Au** 79 196.97 1.4 $[Xe]\ 4f^{14}\ 5d^{10}\ 6s^1$	Mercury **Hg** 80 200.59 1.5 $[Xe]\ 4f^{14}\ 5d^{10}\ 6s^2$	Thallium **Tl** 81 204.38 1.4 $[Xe]\ 4f^{14}5d^{10}6s^2 6p^1$	Lead **Pb** 82 207.20 1.6 $[Xe]\ 4f^{14}5d^{10}6s^2 6p^2$	Bismuth **Bi** 83 208.98 1.7 $[Xe]4f^{14}5d^{10}6s^2 6p^3$	Polonium **Po** 84 208.98 1.8 $[Xe]\ 4f^{14}5d^{10}6s^2 6p^4$	Astatine **At** 85 210 2.0 $[Xe]\ 4f^{14}5d^{10}6s^2 6p^5$	Radon **Rn** 86 222.02 $[Xe]\ 4f^{14}5d^{10}6s^2 6p^6$
Francium **Fr** 87 223.02 0.9 $[Rn]\ 7s^1$	Radium **Ra** 88 226.03 1.0 $[Rn]\ 7s^2$	Actinium **Ac** 89 227.03 1.0 $[Rn]6d^1 7s^2$	Rutherfordium **Rf** 104 261.11	Dubnium **Db** 105 262.11	Seaborgium **Sg** 106 266	Bohrium **Bh** 107 264	Hassium **Hs** 108 277	Meitnerium **Mt** 109 268	Darmstadtium **Ds** 110 271	Roentgenium **Rg** 111 272	Copernicium **Cn** 112 285	Nihonium **Nh** 113 286	Flerovium **Fl** 114 289	Moscovium **Mc** 115 289	Livermorium **Lv** 116 293	Tennesine **Ts** 117 294	Oganesson **Og** 118 294



Cerium **Ce** 58 140.12 1.1 $[Xe]\ 4f^2\ 6s^2$	Praseodymium **Pr** 59 140.91 1.1 $[Xe]\ 4f^3\ 6s^2$	Neodymium **Nd** 60 144.24 1.1 $[Xe]\ 4f^4\ 6s^2$	Promethium **Pm** 61 146.92 1.1 $[Xe]\ 4f^5\ 6s^2$	Samarium **Sm** 62 150.36 1.1 $[Xe]\ 4f^6\ 6s^2$	Europium **Eu** 63 151.96 1.0 $[Xe]\ 4f^7\ 6s^2$	Gadolinium **Gd** 64 157.25 1.1 $[Xe]\ 4f^7\ 5d^1\ 6s^2$	Terbium **Tb** 65 158.93 1.1 $[Xe]\ 4f^9\ 6s^2$	Dysprosium **Dy** 66 162.50 1.1 $[Xe]\ 4f^{10}\ 6s^2$	Holmium **Ho** 67 164.93 1.1 $[Xe]\ 4f^{11}\ 6s^2$	Erbium **Er** 68 167.26 1.1 $[Xe]\ 4f^{12}\ 6s^2$	Thulium **Tm** 69 168.93 1.1 $[Xe]\ 4f^{13}\ 6s^2$	Ytterbium **Yb** 70 173.04 1.1 $[Xe]\ 4f^{14}\ 6s^2$	Lutetium **Lu** 71 174.97 1.1 $[Xe]\ 4f^{14}5d^1\ 6s^2$
Thorium **Th** 90 232.04 1.1 $[Rn]\ 6d^2\ 7s^2$	Protactinium **Pa** 91 231.04 1.1 $[Rn]\ 5f^2\ 6d^1$	Uranium **U** 92 238.03 1.2 $[Rn]\ 5f^3\ 6d^1\ 7s^2$	Neptunium **Np** 93 237.05 1.2 $[Rn]\ 5f^4\ 6d^1\ 7s^2$	Plutonium **Pu** 94 244.08 1.2 $[Rn]\ 5f^6\ 7s^2$	Americium **Am** 95 244.06 1.2 $[Rn]\ 5f^7\ 7s^2$	Curium **Cm** 96 247.07 1.2 $[Rn]\ 5f^7\ 6d^1\ 7s^2$	Berkelium **Bk** 97 247.07 1.2 $[Rn]\ 5f^9\ 7s^2$	Californium **Cf** 98 251.08 1.2 $[Rn]\ 5f^{10}\ 7s^2$	Einsteinium **Es** 99 252.08 1.2 $[Rn]\ 5f^{11}\ 7s^2$	Fermium **Fm** 100 257.10 1.2 $[Rn]\ 5f^{12}\ 7s^2$	Mendelevium **Md** 101 258.10 1.2 $[Rn]\ 5f^{13}\ 7s^2$	Nobelium **No** 102 259 $[Rn]\ 5f^{14}\ 7s^2$	Lawrencium **Lr** 103 262.11 $[Rn]\ 5f^{14}\ 6d^1\ 7s^2$

For more information please visit our website at www.up.ac.za/nas

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:
The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

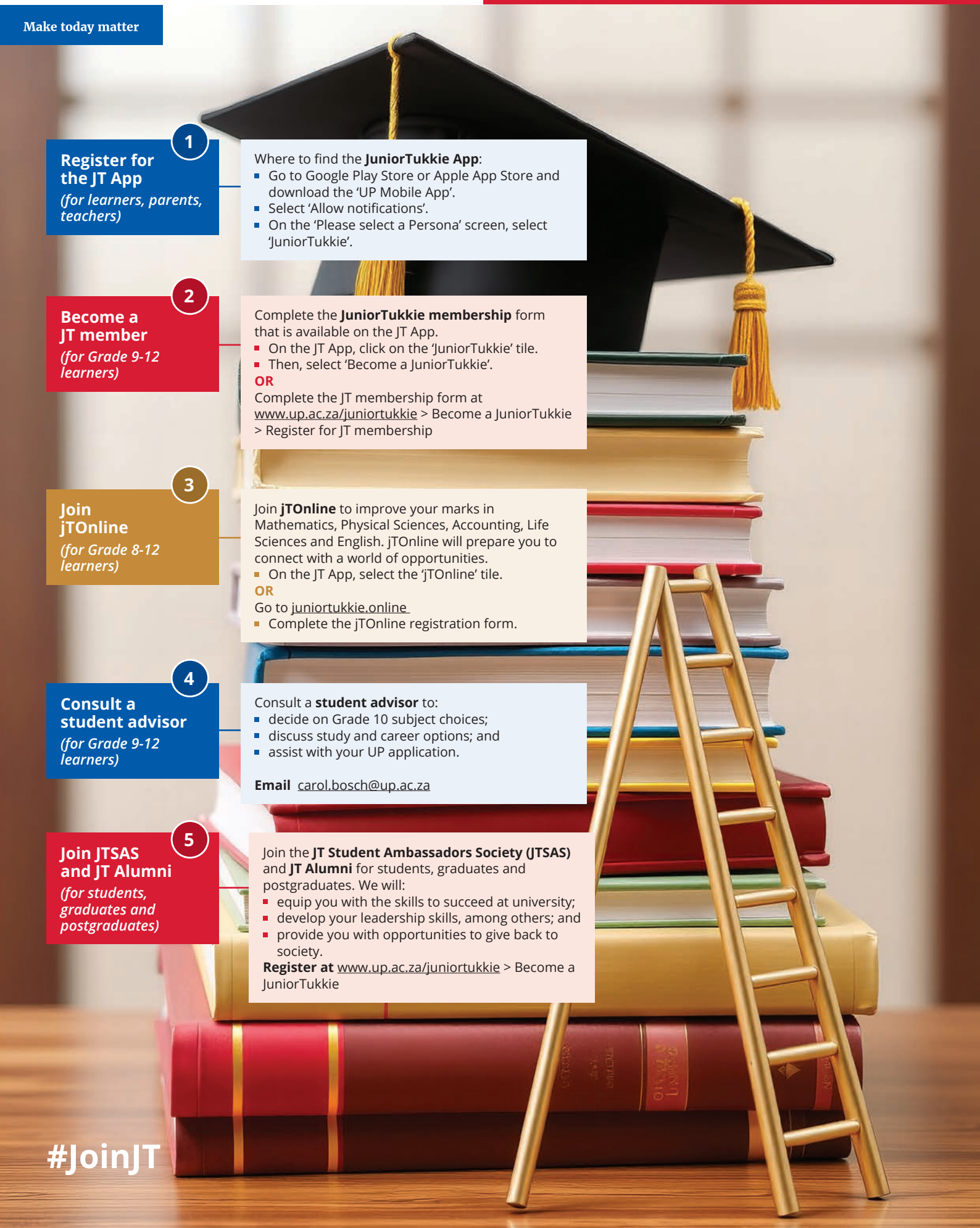
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

jT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Natural and Agricultural Sciences

Fakulteit Natuur- en Landbouwetenskappe
Lefapha la Disaense tša Tlhago le Temo

University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

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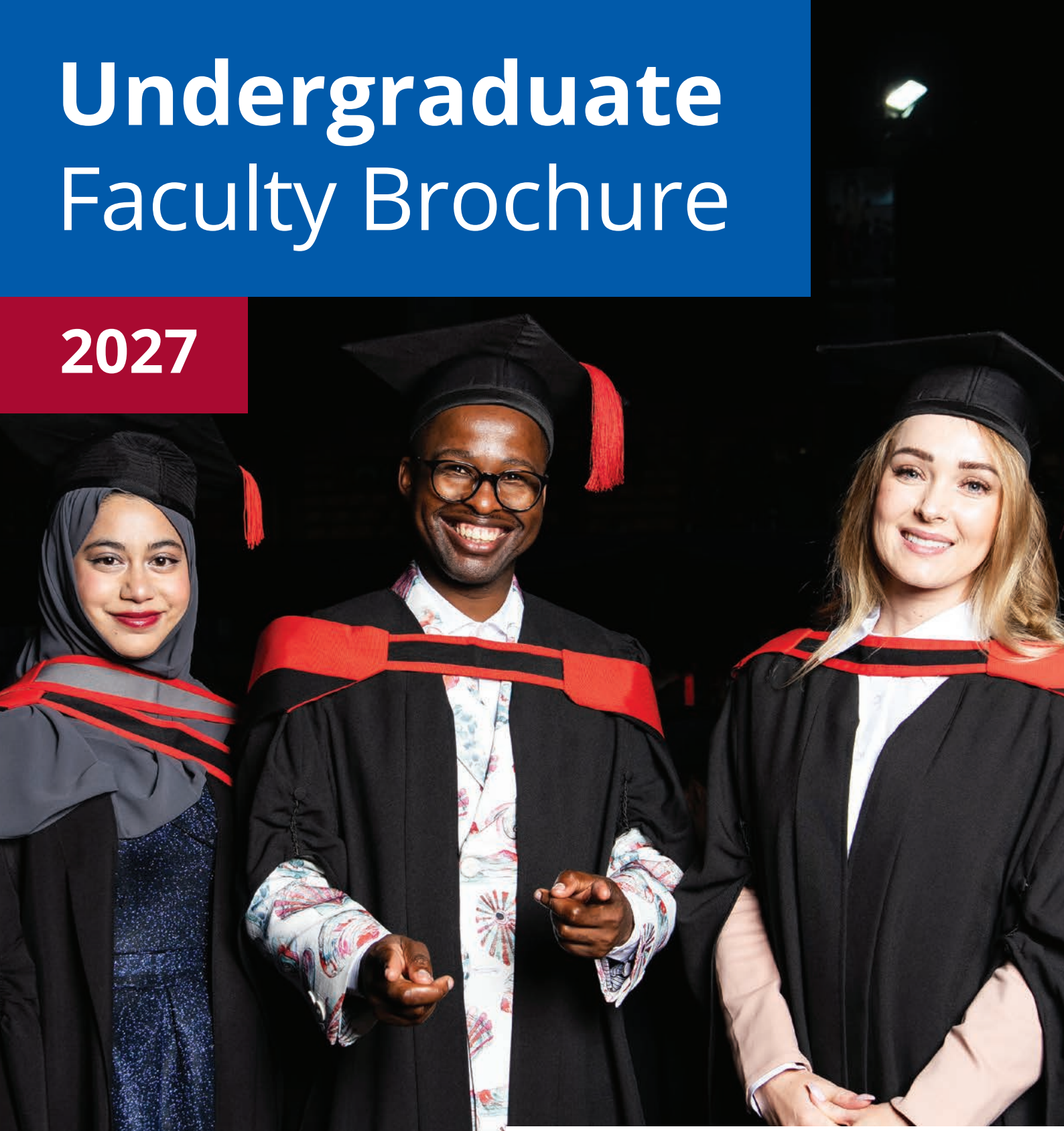
Undergraduate Faculty Brochure

2027



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Law

Fakulteit Regsgeleerdheid
Lefapha la Molao

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Law

Prof Steve Cornelius, Acting Dean: Faculty of Law, University of Pretoria

Welcome to the Faculty of Law at the University of Pretoria—ranked first in Africa and 125th in the world!

The vision of the Faculty of Law at the University of Pretoria is to be a research-focused faculty that is recognised in South Africa, across Africa and around the world for its quality, impact and contribution to society.

We aim to develop people, create knowledge and add real value to communities both locally and globally.

Our strength lies in our diversity—in our people, cultures and ideas—and in our location in South Africa and on the African continent. This diversity shapes our work and helps us prepare students for the real-world challenges of the legal profession.

Social justice is at the heart of everything we do. We address issues such as inequality, discrimination and injustice, and our goal is to produce graduates who can make a meaningful difference in society. Our students are equipped with the knowledge and skills to lead change in all areas of the law—from public law to private and commercial law.

Our teaching is guided by our research and global connections. Students benefit from international perspectives, student exchange opportunities and exposure to different legal systems.

Our staff also work with researchers worldwide to tackle urgent issues such as climate change, gender-based violence, poverty and human rights.

We are committed to transformation within our Faculty and the University. This includes creating an inclusive and fair environment, developing a curriculum that reflects diversity, and conducting research in topics such as decolonisation and anti-discrimination. Finally, our work extends beyond the classroom. We contribute to legal reform, influence policy, and participate directly in legal cases where we can help bring about change.

Welcome to Africa's top Faculty of Law, and one of the best in the world—a place where you can gain the tools to make a real difference.

CONTENT

The Faculty of Law (UP Law) has consistently been **ranked the top law faculty in South Africa and on the African continent** by the *Times Higher Education World University Rankings and the 2023 Quacquarelli Symonds (QS) World Rankings by subject area (LAW).*

THE World University Rankings

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Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

FACULTY OF LAW
AT A GLANCE

Member of Law Schools Global League

Ranked number one for SDG 16 in South Africa and 41st globally.

The University of Pretoria (UP) is one of Africa's top universities and the largest contact university in South Africa.

- We produce socially impactful research to find solutions for the world's most pressing issues.
- We have a high quality of teaching and learning in the classroom, online, or in communities.
- We have support in place for our students to graduate on time as well-rounded, responsible citizens, fully prepared for the world beyond university.

Our degrees are locally accredited and internationally recognised. We have agreements in place with the relevant legal accreditation bodies around the world to ensure the recognition of our programmes.

VISION
To be a leading research-intensive university in Africa, recognised internationally for its quality, relevance and impact, as also for developing people, creating knowledge and making a difference locally and globally.

MISSION
In pursuing recognition and excellence in its core functions of research, teaching and learning, and integrating engagement with society and communities into these, the University of Pretoria will use quality, relevance, diversity and sustainability as its navigational markers.

The Faculty of Law strives to be an internationally recognised leader in socially relevant legal research and education in South Africa and the world. In pursuing its vision, the Faculty's mission is the creation and sustenance of a research and education environment that is grounded in the values of social justice and excellence.

ACADEMIC OFFERING

LLB
FOUR-YEAR UNDERGRADUATE PROGRAMME

The faculty offers niche programmes in human rights, children's rights, trade and investment law, intellectual property law, education law, banking law and extractive industries law, focusing on how these fields relate to Africa.

JOIN A WORLD-CLASS INSTITUTION

#1
Law faculty in South Africa
Ranked 125th globally
Times Higher Education World University Rankings by Subject 2025

TOP SOUTH AFRICAN INSTITUTION TO STUDY LAW

LAW CLINIC

1980
Established in 1980 by UP law students to serve indigent community members

2
Community-based branches in Hatfield and Hammanskraal

TOP
Ranked among the best in South Africa

CENTRE FOR CHILD LAW

1998
Established in 1998 as a children's rights strategic impact litigation organisation that is registered as a law clinic with the Legal Practice Council

2009
Hosts the Annual Child Law Moot Court Competition since 2009

TRAINING
Provides training and capacity building for professionals and community-based workers on child rights-related issues

CENTRE FOR HUMAN RIGHTS

1986
Established in 1986 as a network of practising and academic lawyers, civil servants and human rights practitioners across Africa

9
Research and advocacy units

10
Advanced human rights courses

Member of Global Campus of Human Rights

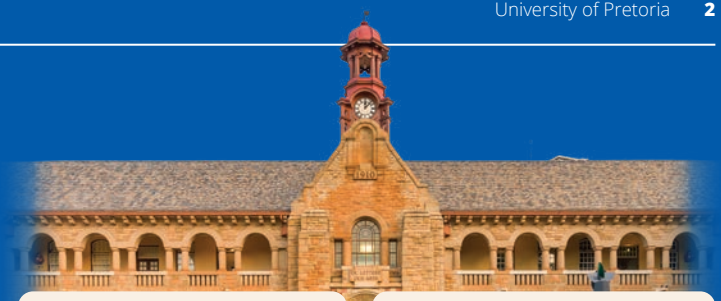
RESEARCH EXCELLENCE

Research Chairs, Centres, Units and Institutes

- ABSA Chair in Banking Law in Africa
- UNESCO Chair in Education Law in Africa
- SARChI Chair in International Constitutional Law
- Institute for International and Comparative Law in Africa (ICLA)
- Centre for Intellectual Property Law (CIPL)
- Centre for Human Rights
- Centre for Sport and Entertainment Law
- Centre for Child Law (CCL)
- Centre for Medicine and Law
- International Development Law Unit (IDLU)
- Extractive Industry Law in Africa Unit (EILA)
- Unit for Insurance Law in Africa
- Unit for Banking Law in Africa
- Unit for Business Rescue and Insolvency Law (UBRIL)

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS.

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communications regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

- Applicants who meet the minimum admission requirements are conditionally admitted to the available places. The application process aims to include a diverse group of students. For first-year admissions, the Faculty aims for at least 50% of the first-year class to be from designated groups (black African, Indian and Coloured). If this goal is not met during the first round of selection, the process will be adjusted to give more places to the highest-achieving applicants from these groups until the 50% target is reached.
- If places are available, applicants may still be conditionally admitted after the closing date. This applies to those who have already graduated with another degree and can provide a Certificate of Good Conduct, or those who have completed the NSC (or equivalent) with an APS of 38 or higher and at least a level 6 in English. These decisions are made by the Faculty's Admissions Committee.

Transferring students

Definition of a transferring student

A transferring student is a student who, when applying for a degree programme at the University of Pretoria (UP):

a) is a registered student at another tertiary institution; or
b) was previously registered at another tertiary institution, but did not complete the programme and is not currently registered at any tertiary institution; or
c) has completed a programme at another tertiary institution and is not currently registered at any tertiary institution; or
d) was previously registered at UP, then registered at another tertiary institution, and now wishes to return to UP.

Guidelines for transferring students' admission to degree programmes at UP

A transferring student will be considered for admission if they meet one of the following:

a) They submit an NSC or equivalent qualification that allows admission to bachelor's or diploma studies (as applicable), and meet the minimum faculty-specific requirements at NSC level; or
b) They have completed a degree, and meet the minimum faculty-specific subject requirements at tertiary level; or
c) They have completed an HEQSF-registered Higher Certificate (see https://allqs.saqa.org.za/) at another tertiary institution, where:
   - UP grants complete exemption for the certificate (meaning the student does not need to repeat any modules/subjects already passed);
   - the student passed all prescribed modules/subjects for the Higher Certificate with at least 60%;
   - the faculty-specific subjects/modules are equivalent to the NSC subject requirements; and/or
   - the student meets the minimum faculty-specific subject requirements at tertiary level.

Note:

- Meeting the application requirements does not guarantee admission.
- Only a limited number of students will be admitted to each programme.
- Depending on capacity, applicants may be ranked according to academic performance.
- Previous academic performance will be considered according to faculty regulations and promotion requirements.
- A Certificate of Good Conduct is required.
- Students who have been dismissed from a previous institution for poor academic performance will not be considered for admission to UP.
- Admission of transferring students always depends on the availability of space in the programme and in the faculty.
- Students transferring from other universities must adhere to UP's General Academic Regulations G.7-9 before a degree may be awarded by UP.

Closing date for applications from transferring students:
For all undergraduate programmes, online applications will close when admission targets have been met in consultation with the relevant Dean.

Returning students

Definition of a returning student

A returning student is someone who applies for a new degree at UP and falls into one of these groups:

a) They are currently studying at UP but want to change to another degree at UP, or
b) They studied at UP before but did not finish their programme, and have not studied at another university or college since (this also includes students who took a formal break/leave of absence), or
c) They already completed a degree at UP, but are not currently studying at another university or college.

Guidelines for admission of returning students to degree programmes at UP

A returning student will be considered for admission if they:

a) Have an NSC (National Senior Certificate) or equivalent qualification that allows entry into a bachelor's or diploma programme, and meet the faculty's minimum subject requirements at NSC level; or
b) Have already completed a degree and meet the faculty's minimum subject requirements at university level; or
c) Have a good academic record, with a cumulative average of at least 50% for the programme they were enrolled in.

Note:

- Students who were excluded or dismissed from a faculty because of poor performance may still be considered for another programme at UP, depending on that faculty's admission requirements.
- You can only transfer once between UP faculties, and a maximum of two times within the same faculty.
- Admission for returning students also depends on whether there is space available in the programme.

Closing date for applications from returning students:
Applications from returning students may be received until the end of June.

University of Pretoria website www.up.ac.za/law

UNDERGRADUATE PROGRAMMES

Application Requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Laws Also referred to as LLB [4 years]	6	**35**

Careers: Refer to the infographics in this brochure.

Candidates are urged to apply as early as possible from 1 April.

Queries relating to Bachelor of Laws applications can be directed to:

Tel +27 (0)12 420 4265
Email lawadmin@up.ac.za

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Law Also referred to as BCom (Law) [3 years]	5	5	**32**

Careers: First step towards becoming attorneys, legal advisors, advocates, prosecutors, presiding officers (magistrates or judges) and academics in the legal field
Queries relating to Bachelor of Commerce specialising in Law applications can be directed to:
Ms Ronel Steenkamp (Faculty of Economic and Management Sciences) | **Tel** +27 (0)12 420 3347 | **Email** ronel.steenkamp@up.ac.za

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Arts specialising in Law Also referred to as BA (Law) [3 years]	5	**34**

To retain admission, you must obtain an APS of at least 34 in the NSC.
Career: Lawyer (A Bachelor of Arts specialising in Law degree and a Bachelor of Laws degree are required.)
Queries relating to Bachelor of Arts specialising in Law applications can be directed to:
Ms Ernika Monyeki (Faculty of Humanities) | **Tel** +27 (0)12 420 5241 | **Email** ernika.monyeki@up.ac.za

ARTICLE

Faculty of Law student life

The Faculty of Law has a strong student life, and students can take on a variety of leadership roles, such as sitting on subcommittees and becoming general members. Participating in societies offers UP Law students the opportunity to acquire many skills outside the lecture hall, preparing and propelling them to excel in various legal careers.

Law House serves as the Faculty's official student representation body, focusing on academics and playing a vital role in connecting students and academic staff. The society organises many kinds of activities for students, including outreach projects, fundraising, skills workshops, mentorship and court excursions. Additionally, it promotes active participation in sports like basketball, hockey, netball and rugby.

Other UP Law student societies include the Black Lawyers' Association Student Chapter, the Constitutional Tribunal, the Legal Shebeen, the UP Moot Society, the National Association of Democratic Lawyers (NADEL) Student Chapter, Students for Law and Social Justice (SLSJ), the Student Disciplinary and Advisory Panel (SDAP), Women in Law and the Pretoria Student Law Review (PSLR). These student societies organise activities that equip students with practical skills for success in the legal profession and help bridge the gap between theory and practice.

UP Law student societies collaborate closely with Faculty and other relevant university support services, such as Career Services, the Department of Student Affairs, the Division of Student Governance and Leadership and TuksSport. This collaboration provides students with support and assistance, creating an environment in which they can thrive and succeed. UP Law societies provide a social community for students to meet, bond and form long-lasting friendships.

UNDERGRADUATE PROGRAMMES

Bachelor of Laws

Bachelor of Laws (after completing Bachelor of Arts specialising in Law)

Bachelor of Laws (after completing Bachelor of Commerce specialising in Law)

In 1998, the LLB [Bachelor of Laws] degree was shortened from five years to four. However, many students find that four years of study is not enough preparation for the demands of the legal profession. Therefore, it is generally recommended that UP students first complete a three-year Bachelor of Arts specialising in Law or Bachelor of Commerce specialising in Law degree, and then continue with the Bachelor of Laws degree, which takes another two to three years. This way, students obtain two degrees in different fields of study.

Law programmes in other faculties

Faculty of Economic and Management Sciences: Bachelor of Commerce specialising in Law

The programme provides a broad academic foundation that prepares students for a wide range of career opportunities, particularly in the corporate world. It combines core Commerce and Law subjects, giving students the option of pursuing a career in business or continuing their studies towards the Bachelor of Laws (LLB).

Note: All first-year students take the compulsory fundamental modules in academic information management, jurisprudence and English.

Please refer to the online Yearbook: www.up.ac.za/yearbooks/home for more information.

Core modules (compulsory)

1st year	2nd year	3rd year
▪ Financial accounting ▪ Economics ▪ Business management ▪ Statistics ▪ Roman law ▪ Jurisprudence ▪ Law of persons ▪ Informatics	▪ Consumer protection ▪ Law of contract ▪ Law of succession ▪ Specific contracts	▪ Insolvency law ▪ Law of things ▪ Law of delict ▪ Entrepreneurial law ▪ Payment methods

Elective modules

1st year	2nd year	3rd year
▪ Business management	▪ Business management ▪ Economics ▪ Financial management ▪ Business accounting ▪ Statistics ▪ Taxation	▪ Business management ▪ Economics ▪ Financial management ▪ Business accounting ▪ Development economics ▪ Statistics ▪ Taxation

Please refer to the website www.up.ac.za/yearbooks/home for the Yearbook of the Faculty of Economic and Management Sciences for more information on the Bachelor of Commerce specialising in Law programme.

Closing date for applications for Bachelor of Commerce specialising in Law
The closing date for applications for Bachelor of Commerce specialising in Law is 30 June.

Faculty of Humanities: Bachelor of Arts specialising in Law

This multidisciplinary programme addresses the growing demand for professionals with legal knowledge combined with expertise in the social and human sciences. It prepares students for a variety of careers by:
- offering an alternative route to the Bachelor of Laws (LLB);
- providing versatile training in both law and the humanities;
- equipping students with insight into national and global issues and their consequences; and
- developing the ability to conduct research, make informed decisions and report on law-related matters.

This is a full-time programme, with specific modules offered after hours.

Core modules (compulsory)

1st year	2nd year	3rd year
▪ Law of persons ▪ Roman Law	▪ Family Law ▪ Public Law ▪ Legal pluralism ▪ Legal interpretation	▪ Law of delict ▪ Law of succession ▪ Jurisprudence ▪ Specific contracts ▪ Law of contract

Elective modules

1st year	2nd year	3rd year
Choose three BA modules, at least one must be a language.	Choose two BA modules, at least one must be a language.	Choose one BA module.

Postgraduate studies
After completing a Bachelor of Arts specialising in Law degree, students may continue with a Bachelor of Laws degree or may register for an honour's degree in the core discipline they chose in the humanities.

Note: Please refer to the website www.up.ac.za/yearbooks/home for the Yearbook of the Faculty of Humanities for more information on the Bachelor of Arts specialising in Law programme.

Closing date for applications for Bachelor of Arts specialising in Law
The closing date for applications for Bachelor of Arts specialising in Law is 30 June.

Admission requirements for the Bachelor of Laws to gain access to the Faculty of Law

To gain access to the Faculty of Law, prospective students require the appropriate combinations of recognised National Senior Certificate (NSC) subjects, as well as specific levels of achievement in these subjects. A summary of the Faculty-specific requirements and the APS required for admission to the Bachelor of Laws is provided on **pages 3 to 5.**

DEGREE CHOICE

How to choose between a Bachelor of Arts specialising in Law, Bachelor of Commerce specialising in Law or straightforward four-year Bachelor of Laws degree?

As explained here, there are **three direct routes** to a recognised legal qualification and eventual admission as an attorney or advocate in South Africa with a Bachelor of Laws degree behind your name, given the *status quo* in South Africa in 2019 and excluding forthcoming amendments to the Legal Practice Act, 28 of 2014:

1

Faculty of Law

A Bachelor of Laws degree

= **One degree: 4 YEARS minimum**

Admission requirements:
APS = 35 | English 6 (70-79%)

2

Faculty of Humanities

A Bachelor of Arts specialising in Law degree 3 YEARS + **Followed by a Bachelor of Laws degree 2 YEARS**

= **Two degrees: 5 YEARS minimum**

Admission requirements:
APS = 34 | English 5 (60–69%)

3

Faculty of Economic and Management Sciences

A Bachelor of Commerce specialising in Law degree 3 YEARS + **Followed by a Bachelor of Laws degree 2 YEARS**

= **Two degrees: 5 YEARS minimum**

Admission requirements:
APS = 32 | English 5 (60–69%)
Pure Maths 5 (60–69%)

OR **Any prior recognised degree** + **Followed by a Bachelor of Laws degree 4 YEARS minimum**

If you are interested in a career in **patent law,** you should first pursue a science degree (Bachelor of Science or Bachelor of Engineering) degree, and/or followed by an honours degree in Bachelor of Science or Bachelor of Engineering, followed by a Bachelor of Laws degree, or vice versa. Here you are looking at a minimum period of seven years of studying. However, this will prepare you for the Patent Examination Board, as required in Section 21 of the Patents Act, 57 of 1978, as amended, for a career as a patent attorney. However, it is important to note that admission as a patent advocate or attorney is subject to passing the Bar Examination for pupils or the Competency-based Examination for Admission as an Attorney too. Should you be interested in this field of law, you may find more relevant information on the websites of patent attorneys, the South African Institute of Intellectual Property Law (SAIIPL) and the World Intellectual Property Organisation (WIPO).

Hereafter, should you qualify, you could consider pursuing a **master's degree** in law (optional).

Master's programmes are presented as follows:
- Coursework: evening classes, examinations and a mini-research dissertation; or
- Full dissertation: comprehensive master's dissertation.

The duration of a master's degree at UP is minimum one year.

If you would like more information such as the application requirements and career opportunities, please visit the various faculties' websites:
www.up.ac.za/law | **https://www.up.ac.za/faculty-of-humanities** | **www.up.ac.za/ems**

COMPOSITION OF THE BACHELOR OF LAWS DEGREE

Exemption/credits for modules passed at other institutions

Students must apply on the prescribed form (available from the Faculty's Student Administration) for exemption from modules passed at other institutions. An academic record and the complete syllabus of the module concerned must accompany the application.

Students transferring from other universities must complete at least 50% of the modules required for the Bachelor of Laws (LLB) degree at the University of Pretoria. In addition, they must be registered at the University for a minimum of two years before the LLB degree can be conferred.

Examination

The examinations for first-semester modules take place in May and June, while examinations in second-semester modules take place in October and November.

Every student has the responsibility to consult the official examination timetable to determine when the examinations for the student's modules will be written.

Composition of the Bachelor of Laws degree

First year

First semester	Second semester
Fundamental modules	
▪ AIM 111 Academic Information Management ▪ AIM 121 Academic Information Management ▪ JUR 110 Jurisprudence	▪ JUR 120 Jurisprudence
Core modules	
▪ PSR 110 Law of persons	▪ FMR 121 Family law ▪ ROM 120 Roman law
Plus Choose any 2 of the following: ▪ ENG 110 English ▪ ENG 118 English for specific purposes ▪ ENG 120 English	
Elective modules	
▪ Any other language module offered by the Faculty of Humanities other than the required English language modules ▪ FIL 110, 120 Philosophy ▪ FRK 111, 122 Financial accounting ▪ GES 110, 120 History ▪ INF 183 Informatics ▪ KRM 110, 120 Criminology ▪ PTO 111, 120 Politics ▪ SOC 110, 120 Sociology	
The following aspects should be kept in mind: ▪ Students have to familiarise themselves with the prerequisites for modules from other faculties. ▪ The modules may not clash. ▪ Some modules have limits on the number of students who may register.	

CORE AND FUNDAMENTAL LAW MODULES

JUR 110 Jurisprudence (15 credits)

For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module introduces students to the nature of law, its relationship with society, politics, history and language, as well as different perspectives on law. It also covers the South African legal system, its sources and historical development. A strong focus is placed on building academic and legal skills such as research, reading and interpreting legal sources, critical writing and essay construction.

JUR 120 Jurisprudence (15 credits)

For Bachelor of Laws, Bachelor of Commerce specialising in Law and Bachelor of Arts specialising in Law

This module introduces students to the basic principles of several areas of law. These include the law of obligations, such as contracts and wrongful acts (delicts). It also covers criminal law, civil procedure, criminal procedure and the rules of evidence.

The module explores access to justice in South Africa. It looks at how courts and alternative dispute resolution work, the role of the legal profession and the challenges people face in accessing justice. It also discusses the organisations involved in helping people get representation, especially in criminal matters.

Alongside the theory, students develop practical skills. They learn how to draft a simple contract based on given facts. They also practise reading, summarising and applying the principles from a court case about delict. Students work on analysing and improving a piece of writing about evidence law. Finally, they learn how to conduct examinations and cross-examinations in preparation for taking part in a moot court or debate.

PSR 110 Law of persons (10 credits)

For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module focuses on the legal rules that apply to people as legal subjects. It explains when and how a person comes into existence in law, what their legal status is in private law and when their legal personality ends.

FMR 121 Family law (15 credits)

Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module introduces the basic principles of family law in South Africa. It covers the nature and forms of family relationships, requirements for valid, putative and voidable marriages, invariable consequences of marriage and aspects such as divorce and maintenance. The focus is on understanding the legal framework that regulates family life.

ROM 120 Roman law (10 credits)

For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module introduces students to Roman law. It covers the Roman law of things, including possession, ownership, limits on ownership and rights over another person's property. It also looks at the Roman law of contract, focusing on the general rules of contracts, the main types of contracts and situations treated like contracts. It also explores the Roman law of delict, which deals with wrongful acts that cause harm, the different types of delicts and similar cases treated as delicts.

COMPOSITION OF THE BACHELOR OF LAWS DEGREE

Second year

First semester	Second semester
Core modules	
▪ KTR 211 Law of contract ▪ PBL 210 Public law ▪ RPK 210 Legal practice ▪ RPR 210 Legal pluralism ▪ RVW 210 Legal interpretation	▪ ERF 222 Law of succession ▪ KTH 220 Specific contracts ▪ PBL 220 Public law ▪ RPK 220 Legal practice ▪ VBB 220 Consumer protection

CORE LAW MODULES

KTR 211 Law of contract (15 credits)
For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module explains the general principles of contract law. It looks at how contracts are formed, their content, interpretation, breach and remedies, termination of obligations and the basics of drafting contracts.

PBL 210 Public Law (10 credits)
For Bachelor of Laws, Bachelor of Administration and Bachelor of Arts specialising in Law

This module introduces constitutional law. It covers the relationship between the state and the individual, key constitutional principles, the history and development of constitutional law in South Africa, sources of law and the structure of government at national and provincial levels.

RPK 210 Legal practice (10 credits)
For Bachelor of Laws

This module introduces the legal profession. It covers its history and development, the laws that regulate it, professional conduct and ethics, legal costs and fees and the liability of practitioners. It also develops research and writing skills, such as drafting letters of advice, office memoranda and heads of argument.

RPR 210 Legal pluralism (10 credits)
For Bachelor of Laws and Bachelor of Arts specialising in Law

This module examines indigenous legal systems in South Africa. It explores the law of persons, family law, delict, succession and contract in indigenous cultures, as well as conflicts between different legal systems and court structures. It also looks at religious-based legal systems in South Africa.

RVW 210 Legal interpretation (10 credits)
For Bachelor of Laws, Bachelor of Administration and Bachelor of Arts specialising in Law

This module deals with statutory law and how it is interpreted. It introduces the structure and types of legislation, and how laws are enacted, amended and repealed. Students learn theories and methods of interpretation, the role of the Constitution in interpretation, and the use of aids to understand legislative purpose. The module also covers constitutional interpretation and judicial law-making.

ERF 222 Law of succession (15 credits)
For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module deals with how a person's property is distributed after death. It covers intestate succession (when there is no will), testate succession (when there is a valid will) and the administration of estates.

KTH 220 Specific contracts (15 credits)
For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module focuses on particular types of contracts, including the law of purchase and sale, letting and hiring of things, agency, suretyship and letting and hiring of work.

PBL 220 Public Law (10 credits)
For Bachelor of Laws, Bachelor of Administration and Bachelor of Arts specialising in Law

This module explores constitutional rights within different approaches to constitutionalism. It covers the Bill of Rights, how rights are interpreted and applied, who holds rights and duties and how constitutional disputes are resolved. It examines specific rights such as equality, freedom of religion, freedom of expression and socio-economic rights. The module also looks at enforcement through the courts and Chapter IX institutions, with critical discussion of constitutional developments.

RPK 220 Legal practice (10 credits)
For Bachelor of Laws

This module builds on practical aspects of legal work. It includes practice management, taking instructions, bookkeeping and trial advocacy. It also develops further research and writing skills through practical applications.

VBB 220 Consumer protection (15 credits)
For Bachelor of Laws and Bachelor of Commerce specialising in Law

This module introduces the law of consumer protection. It covers the basic principles of the National Credit Act, the law relating to credit agreements and the key provisions of the Consumer Protection Act.

STUDENT CONTRIBUTIONS

'Choosing to study law at the University of Pretoria was not something I had planned on doing, but once I explored the faculty and its programme, I knew it was the right fit. I was excited to start a degree that would challenge me in ways I had never anticipated.

Unlike many others, studying law was not my childhood dream. I was convinced that I was going to be a mining engineer, but little did I know that I was meant for something different. My whole life I had been told that my love for Mathematics and science had already carved a specific career path for me. Nothing could have been further from the truth—law chose me, and I responded to the call.

My journey while studying law has been challenging but also rewarding in many ways. I have learnt to be resilient in the face of difficulties and to lean on the support of my peers and lecturers, which made all the difference. I became aware of the importance of building a community and seeking guidance, which has been invaluable both academically and personally.

Choosing UP Law was intentional. The curriculum is carefully designed to link every year of study, allowing for continuous growth and development. Being at a top-ranked law faculty in Africa pushed me to strive for excellence and gave me a well-rounded experience both inside and outside of the lecture hall.

Today, I am in my first year of articles as a candidate attorney at one of South Africa's Big Five Law Firms. This next step is both exciting and humbling, and I am grateful for the foundation that UP Law gave me.

I am proud to be a Tukkie. I am proud to have answered the call of law and begun this next chapter of my professional journey.'

Rofhiwa Patricia Mudau – Bachelor of Laws (LLB)

STUDENT CONTRIBUTIONS

'My study at UP Law has been extremely gratifying, both intellectually and emotionally. The Faculty fosters an environment that enables you to think critically, engage thoroughly in legal topics, work in a team setting, and develop into a well-rounded professional. Making the Dean's List, being inducted into Golden Key, receiving my LLB with distinction, and serving as a Constitutional Tribunal Judge are some of my finest achievements. These events taught me the value of discipline, integrity, flexibility and leadership.

Being involved in moot court, as both a participant and later as a coach and judge, allowed me to hone my advocacy and mentoring abilities while also instilling in me a feeling of responsibility to help others. Working as an Academic Associate in the Procedural Law Department has given me a greater respect for the dedication, time, and attention to detail required of a faculty that routinely produces some of the top legal talent in the country.

UP Law taught me not solely about the law, but also its social role and potential as a tool for change. I am incredibly appreciative for the opportunity to connect with and learn from some of the finest brains in many disciplines of the law. Looking back, the combination of challenging academics, extracurricular leadership, and exposure to other ideas has had a significant impact on both my professional approach and personal development.

Looking ahead, I hope to put the valuable skills I've gained as a member of this faculty to use when I start as a candidate attorney the following year, which was a dream come true for me and the perfect culmination of my academic journey at the University of Pretoria.

In pursuing a career in corporate law, I aspire to set the benchmark and represent the continent's most illustrious and prestigious university of law. I feel that my academic experience at the University of Pretoria has prepared me to be one of the leading practitioners in my profession, and I hope to be cited in prestigious global legal publications.'

Muhammed Samaria – Bachelor of Laws (LLB)

COMPOSITION OF THE BACHELOR OF LAWS DEGREE

Third year

First semester	Second semester
Core modules	
▪ BLR 310 Tax law ▪ BWR 310 Law of evidence ▪ ISR 310 Insolvency law ▪ JUR 310 Jurisprudence ▪ PBL 310 Public law ▪ SAR 310 Law of things	▪ BWR 320 Law of evidence ▪ DLR 320 Law of delict ▪ IGZ 320 Intellectual property law ▪ ODR 320 Entrepreneurial law ▪ PBL 320 Public law ▪ RHP 320 Research methodology ▪ VHD 320 Payment methods

CORE LAW MODULES

BLR 310 Tax law (10 credits)
For Bachelor of Laws

This module introduces the foundations of income tax and covers the calculation of income tax payable, including capital gains tax.

BWR 310 Law of evidence (8 credits)
For Bachelor of Laws

This module explores the foundations of the Law of Evidence, including its history, transformation, and key rules on relevance, admissibility, and different forms of evidence such as hearsay, opinion and character evidence.

ISR 310 Insolvency law (10 credits)
For Bachelor of Laws and Bachelor of Commerce specialising in Law

This module introduces the principles of insolvency law, including the history of the field, the process and effects of sequestration and the rules on void and voidable dispositions. It also looks at the administration of insolvent estates, the rehabilitation of insolvent persons, offences in insolvency and the liquidation of insolvent companies and close corporations.

JUR 310 Jurisprudence (10 credits)
For Bachelor of Laws and Bachelor of Arts specialising in Law

This module provides an overview of the most important schools of thought in jurisprudence, including natural law, positivism, realism, critical legal theory and postmodern approaches. It explores both the theoretical and practical value of these perspectives, with particular attention to their relevance in post-apartheid South Africa.

PBL 310 Public law (10 credits)
For Bachelor of Laws and Bachelor of Administration

This module focuses on judicial review of administrative action in light of the Constitution and the Promotion of Administrative Justice Act. It explores the scope and grounds of judicial review and examines its role in promoting accountable governance.

SAR 310 Law of things (15 credits)
For Bachelor of Laws and Bachelor of Commerce specialising in Law

This module examines the principles of property law, focusing on possession, ownership and limited real rights. It also explores constitutional aspects of property and specific forms of ownership such as joint ownership and sectional-title property.

BWR 320 Law of evidence (7 credits)
For Bachelor of Laws

This module continues the study of evidence law, focusing on privilege, witness rules, types of evidence, confessions, unconstitutional evidence, the burden of proof and trial practice.

DLR 320 Law of delict (15 credits)
For Bachelor of Laws, Bachelor of Arts specialising in Law and Bachelor of Commerce specialising in Law

This module covers the general principles of delict and selected rules relating to specific delicts.

IGZ 320 Intellectual property law (10 credits)
For Bachelor of Laws

This module introduces intellectual property law, focusing on copyright, patents, designs, trademarks, plant breeders' rights and competition law.

ODR 320 Entrepreneurial law (12 credits)
For Bachelor of Laws and Bachelor of Commerce specialising in Law

This module examines the laws governing business entities, including companies, close corporations and partnerships.

PBL 320 Public law (10 credits)
For Bachelor of Laws

This module introduces the principles of international law, including its history, sources, and subjects. It covers key concepts such as territory, jurisdiction, immunity, and state responsibility, as well as methods for resolving international disputes and the role of international law within South African law.

RHP 320 Research methodology (5 credits)
For Bachelor of Laws

This module equips students with legal research skills. It covers the planning of research projects, drafting of proposals and chapters, proper citation and the ethics of academic writing. It also introduces different research methods, including comparative law, legal history, legal pluralism, and socio-legal approaches as well as broader theoretical perspectives on legal research.

VHD 320 Payment methods (10 credits)
For Bachelor of Laws and Bachelor of Commerce specialising in Law

This module looks at traditional and electronic methods of payment. Topics include negotiable instruments such as bills of exchange, cheques, and promissory notes; requirements for validity and negotiation; the banker-client relationship; and modern electronic payment systems.

COMPOSITION OF THE BACHELOR OF LAWS DEGREE

Fourth year

First semester	Second semester
Core modules	
▪ ABR 410 Labour law ▪ ESS 400 Research: Essay and seminar ▪ PBL 410 Public law ▪ SIP 410 Civil procedure law ▪ SPR 411 Criminal procedure law	▪ PBL 420 Public law ▪ PVR 420 Private law ▪ SIP 420 Civil procedure law ▪ SPR 412 Criminal procedure law
Elective modules	
In your fourth year, students must select four elective law modules to the value of 40 credits, in addition to the core requirements. A full list of electives and their descriptions can be found in the Faculty of Law Yearbook. www.up.ac.za/yearbooks/2025/pdf/faculty/LAW	

CORE LAW MODULES

ABR 410 Labour law (10 credits)
For Bachelor of Laws

This module explores the rules that govern work relationships in South Africa. It looks at individual labour law, which covers the rights and duties between employers and employees, such as contracts and fair treatment at work. It also covers collective labour law and examines how labour disputes are resolved through negotiation, mediation, arbitration and the courts.

ESS 400 Research: Essay and seminar (25 credits)

In this module, students complete a major research essay on a legal topic. The essay is between 8,000 and 10,000 words and develops skills in independent research, legal writing and critical thinking. Students attend a seminar to discuss their chosen topics, plan their essays and receive feedback. Later, they present their findings in a group seminar, where peers and lecturers can give comments. This module prepares students for advanced research and analysis in law.

PBL 410 Public law (10 credits)
For Bachelor of Laws

This module introduces students to criminal law. It explains what criminal law is, how it differs from other parts of law, and its history and purpose in society. Students study what makes an act a crime, including concepts such as legality, unlawfulness, fault and capacity. The module also looks at how crimes are classified and explores general defences that may be used in criminal cases.

SIP 410 Civil procedure law (8 credits)
For Bachelor of Laws

This module introduces civil procedure and the court system. It covers jurisdiction in the High Court, Magistrate's Court and Small Claims Court, as well as the roles of the parties in proceedings. Students learn about applications, summons, claims, service of process and early judgments, including summary judgment.

SPR 411 Criminal procedure law (8 credits)
For Bachelor of Laws

This module introduces the principles of criminal procedure by examining the courts and the prosecuting authority. It focuses on pre-trial procedures for children, the attendance of the accused at court, and measures relating to interrogation, interception and establishing the physical features of a person. Students also study the rules governing search and seizure, bail applications and release on warning.

PBL 420 Public law (10 credits)
For Bachelor of Laws

Building on PBL 410, this module looks at particular crimes such as murder, assault, theft, sexual offences and crimes against the state. It also covers attempts to commit crimes, conspiracy and helping someone after a crime. Students learn how different crimes affect individuals and society. The module ends with an overview of punishment, exploring why we punish, theories of punishment and the different forms punishment can take.

PVR 420 Private law (10 credits)
For Bachelor of Laws

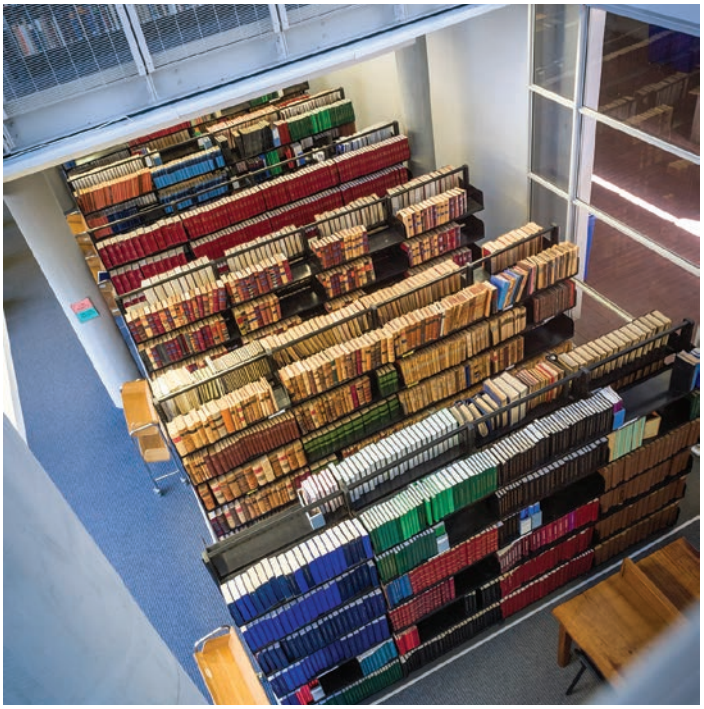
This module examines selected advanced topics in private law. Students may study areas such as enrichment (when someone benefits unfairly at another's expense), estoppel (when a person is prevented from denying something they previously represented as true) and personality rights (rights that protect a person's dignity, reputation and identity).

SIP 420 Civil procedure law (7 credits)
For Bachelor of Laws

This module builds on SIP 410 by addressing defective processes, compliance with procedural rules, and alternative dispute resolution methods such as mediation. It covers pleadings (including pleas, counterclaims and amendments), trial preparation and conduct, as well as appeals, reviews, execution, and debt collection. The course concludes with legal costs and remedies such as interdicts, Mareva injunctions and Anton Piller orders.

SPR 412 Criminal procedure law (7 credits)
For Bachelor of Laws

The second part of criminal procedure law focuses on the progression of criminal cases. Topics include alternative procedures to finalise a criminal matter, indictments and charge sheets. The module examines different plea options, including guilty pleas, not guilty pleas and their consequences. It also addresses the trial process, verdicts and sentencing. The module concludes with a study of review proceedings and appeals.



ARTICLE

UP Law Moot Society team triumphs at Philip Jessup National Rounds

The University of Pretoria (UP) Law Moot Society team has won the national rounds of the Philip C. Jessup International Law Moot Court Competition—the world's largest and most prestigious moot court competition. This victory secured them the honour of representing both UP and South Africa at the international rounds in Washington, D.C., United States.

In the national rounds, which featured seven South African universities, the UP team faced four preliminary hearings—twice as applicants and twice as respondents—before advancing to the final round against the University of Johannesburg. Emerging victorious, they not only claimed the championship title but also swept every award on offer: best memorials for both applicant and respondent and the award for best speaker, presented to Comfort Ayeloni.

Preparing for this competition required extraordinary dedication. Despite the national rounds taking place in March, the team worked through Christmas and New Year's to meet the January deadline for their memorial submissions. They balanced the demanding preparation with their regular academic workload, which showed their resilience and commitment.

The team credited much of their success to the UP Moot Society, whose strong organisational structure, well-established memorial writing process and innovative support systems helped set them apart. Significantly, the Society also prioritised the mental health of its members by running workshops to help students cope with the pressures of constant critique during moots. These resources proved invaluable in maintaining both focus and well-being.

The team expressed immense gratitude to UP for providing the structures, mentorship and resources that enabled them to succeed at the highest level.

CAREER OPPORTUNITIES

A law degree prepares you for a variety of career paths. While many graduates go on to work as attorneys or advocates, there are also many other fields where your skills and knowledge can make a difference, such as:

Attorneys

Attorneys are usually a client's first point of contact when legal advice or assistance is needed. They consult with clients, draft contracts, handle property transfers, manage estates and may represent clients in court. Attorneys often specialise in areas such as family law, commercial law or criminal law. They typically practise in law firms, either as sole practitioners or in partnerships. To qualify, law graduates must complete vocational training (articles of clerkship or practical legal training), write the professional admission exams and register with the Legal Practice Council.

Advocates

Advocates, in contrast, are specialist litigators and legal advisers. They are often called upon for complex court cases and the preparation of expert legal opinions. Advocates traditionally receive cases through attorneys, but under the Legal Practice Act, some advocates may now accept work directly from the public after meeting additional requirements. Unlike attorneys, advocates must practise as sole practitioners. To qualify, law graduates must complete pupillage and pass the Bar examination.

Public prosecutors

Public prosecutors are representatives of the National Directorate of Public Prosecutions (NDPP). They play a vital role in ensuring justice by conducting prosecutions in criminal proceedings before the magistrate's courts. A public prosecutor decides whether a person should be prosecuted and presents evidence in court to prove the state's case against an accused. To qualify, it is a prerequisite to complete a Bachelor of Laws (LLB) degree.

With experience, a public prosecutor may be promoted to senior public prosecutor or to the position of state advocate. There are also opportunities to move into different structures within the National Prosecuting Authority (NPA).

State advocates

State advocates appear in the High Court on behalf of the state in criminal cases. Their work is similar to that of public prosecutors but generally involves more complex cases. They prepare criminal cases, provide legal opinions and represent the state during trial. To become a state advocate, one must:

- hold an LLB degree;
- be admitted as an advocate; and
- undergo training with the Department of Justice and Constitutional Development.

A state advocate may be promoted to senior state advocate. Unlike private advocates, state advocates are not required to be members of the Bar.

Legal Advisers

Legal advisers are often qualified attorneys, advocates or graduates with law degrees who choose not to practise formally in court. Instead, they provide expert legal advice within corporations, government departments and other organisations. Their work often involves drafting contracts, ensuring compliance with legislation, managing risks and guiding decision-making from a legal perspective. Importantly, a practising attorney or advocate cannot hold the position of legal adviser while their name remains on the roll of practising legal practitioners. Many legal advisers specialise in areas such as corporate law, labour law, intellectual property or regulatory compliance, depending on the needs of the organisation they serve.

Academics

Law graduates may also pursue careers as lecturers, combining teaching with legal research. University and college lecturers are responsible for presenting lectures, assessing students' work and developing curricula. They also contribute to the growth of legal scholarship through research projects, conference presentations, and the publication of journal articles, textbooks or commentary on statutes and case law.

Career progression in academia usually follows a clear trajectory: from lecturer to senior lecturer, associate professor and eventually full professor. Some may also be appointed as heads of department, deans of law faculties or directors of law schools. Many academics bring experience from legal practice into their teaching, and law clinics run by universities often employ practising attorneys who teach while also providing valuable legal aid to the public. This allows students to gain practical experience while serving their communities.

Judicial Officers (Magistrates and Judges)

Judicial officers form the backbone of South Africa's justice system. Magistrates preside in magistrates' courts, dealing with both criminal and civil matters. They also perform administrative duties, such as acting as marriage officers. Within the magistracy, promotion can lead to positions such as senior magistrate, chief magistrate and regional court magistrate, each carrying greater responsibilities and authority.

Judges, on the other hand, preside in the High Courts, the Supreme Court of Appeal and the Constitutional Court. Historically, judges were appointed almost exclusively from among senior advocates. However, since 1994, appointments have increasingly been made from the ranks of experienced attorneys and accomplished legal academics. Judges are appointed by the Judicial Services Commission, which ensures that the bench reflects both professional competence and the values of South Africa's Constitution.

For more information on how recent legislation impacts training and career progression in the legal profession, refer to the *Legal Practice Act 24 of 2014* and the *Implementation of Parts 1 and 2* of Chapter 10 (effective 1 February 2015). Further details are available at www.lssa.org.za/about-us/about-the-attorneys-profession/becoming-a-legal-practitioner and www.lpc.org.za.

Career opportunities in the **LEGAL profession** with at least a **Bachelor of Laws degree:**

Admission as an attorney or advocate is highly recommended before pursuing careers outside the organised profession!

Officer of the Court

- Attorney
- Advocate
- Court Orderly
- **National Prosecuting Authority**
- Public Prosecutor
- State Advocate

Court Administration

- Court Manager
- Clerk of the Court
- Registrar
- Maintenance Officer
- Maintenance Investigator
- Maintenance Clerk
- Interpreter
- Stenographer
- Judge's Clerk

Justice and Constitutional Development

- Office of the Chief State Law Adviser
- State Attorney
- Legal Administration Officer
- Master of the High Court
- Office of the Family Advocate

Judiciary

Magistrate: Adjudicates criminal and civil cases in court. They have power to acquit, convict and sentence the accused if found guilty of committing an offence or pass judgments in civil matters.

Judge: Presides over criminal, civil and constitutional matters in the High Courts, Supreme Court of Appeal and the Constitutional Court.

Other areas

- **Law Reform Commission**
- **NGOs**
- **Legal Advisers**
- **South African Police Service**
- **Military**
- **Correctional Services**
- **Corporate legal advisor**
- **Company secretary**

Legal Academics

Law lecturers at the various universities or colleges:

- Lecturer
- Senior Lecturer
- Associate Professor
- Professor
- Head of a Department or Law School
- Deputy Dean
- Dean

Legal Aid and Advice

- Legal Aid Board
- Legal Resources Centre/Justice Centres
- Lawyers for Human Rights
- Clinics and Para-legals operating in Community Advice Centres
- University Law Clinics
- Para-legal Advice Offices

See http://www.justice.gov.za/brochure/careers-in-justice.html

CHECKLIST

Do you have what it takes to become a successful law student and lawyer?

Dear prospective law student
If you are reading this, you are probably considering studying towards a career in law and justice. Are you fueled by a desire to help others, solve their legal problems and ready to make an impact on society? Complete the aptitude test below to see how you fare.

(Tick the appropriate box)

1. Motivation ☐

I am:
- Committed to a successful, honourable career in law and justice.
- Passionate about law, with my decision to pursue this career based on real experiences—such as spending time in a law firm or court, or developing a genuine interest in how law and justice serve society—rather than being influenced by misleading portrayals in TV series.

2. Good listening and interpersonal skills, proficiency in languages, writing ability and literacy ☐

I have the ability to:
- Persuade others to follow advice or reach a resolution through negotiation.
- Read people and figure out the best approach.
- Adapt communication style appropriately.
- Communicate clearly and effectively in court, in writing, face-to-face or over the telephone.

3. Logical reasoning, persuasiveness and sound judgment ☐

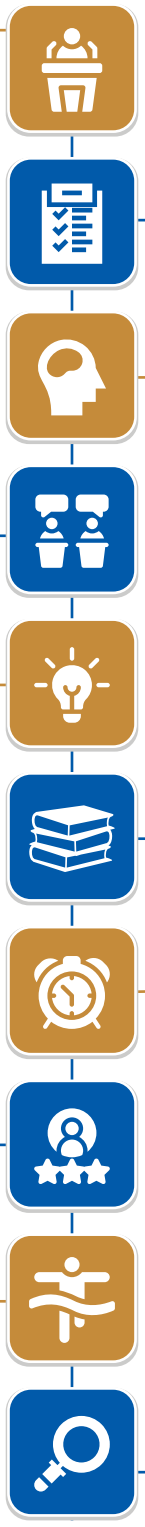
I have the ability to:
- Analyse and think critically, following a chain of logic to identify potential problem areas in arguments and to spot weaknesses in the reasoning of others.
- Exercise sound judgment in deciding on the best course of action.

4. Value honesty and integrity ☐

I am aware that:
- Lawyers are held to the highest degree of honesty, integrity and ethical conduct.
- I should possess intrinsic values such as a strong work ethic, ethical conduct and integrity.
- I should always maintain the highest standard of honesty, integrity and fairness towards clients, courts, colleagues and all those with whom I shall come into professional contact with.

5. Adaptability, stamina, energy and resilience ☐

I am:
- Creative, determined, enthusiastic, energetic, and possess drive, emotional intelligence and perseverance.
- Able to manage and run a profitable practice.



6. Digest and convert loads of information, scientific data and paperwork generated by cases ☐

I have the ability to:
- Take in large amounts of information, understand it and turn it into something useful and easy to work with.
- Use logical thinking to build arguments and write legal documents.

7. Mental agility and reasonable, logical analysis, assumptions and conclusions ☐

I have the ability to:
- Look at limited information and draw logical conclusions, spotting the most important issues in complex facts, stories or testimonies.
- Think like a lawyer. 'It is a form of swift reasoning, cool logic, effortless problem-solving skills and precision analysis. The kind of calculated mental weaponry that shields you from unhelpful, inflammatory emotions while actively disarming your opponent with one slash of your sharp verbal or written blade.'[1]

8. Problem Solver-in-Chief ☐

I have the ability to:
- Stay calm and think clearly when facing problems.
- Approach and view problems as challenges or learning experiences and proactively and objectively address them.
- Solve problems, using a combination of intuition and logic to create solutions and finding opportunities.

9. Time management ☐

I have the ability to:
- Prioritise tasks and manage time effectively.
- Understand that the law follows clear rules and procedures, and that there are limits on what can be done or decided in legal matters.

10. Attention to detail ☐

I am
- A careful organiser with a strong eye for detail—because in law, details really matter!

1 Source: BucketOrange Magazine by Sarah Lynch (31 May 2018)

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:
The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

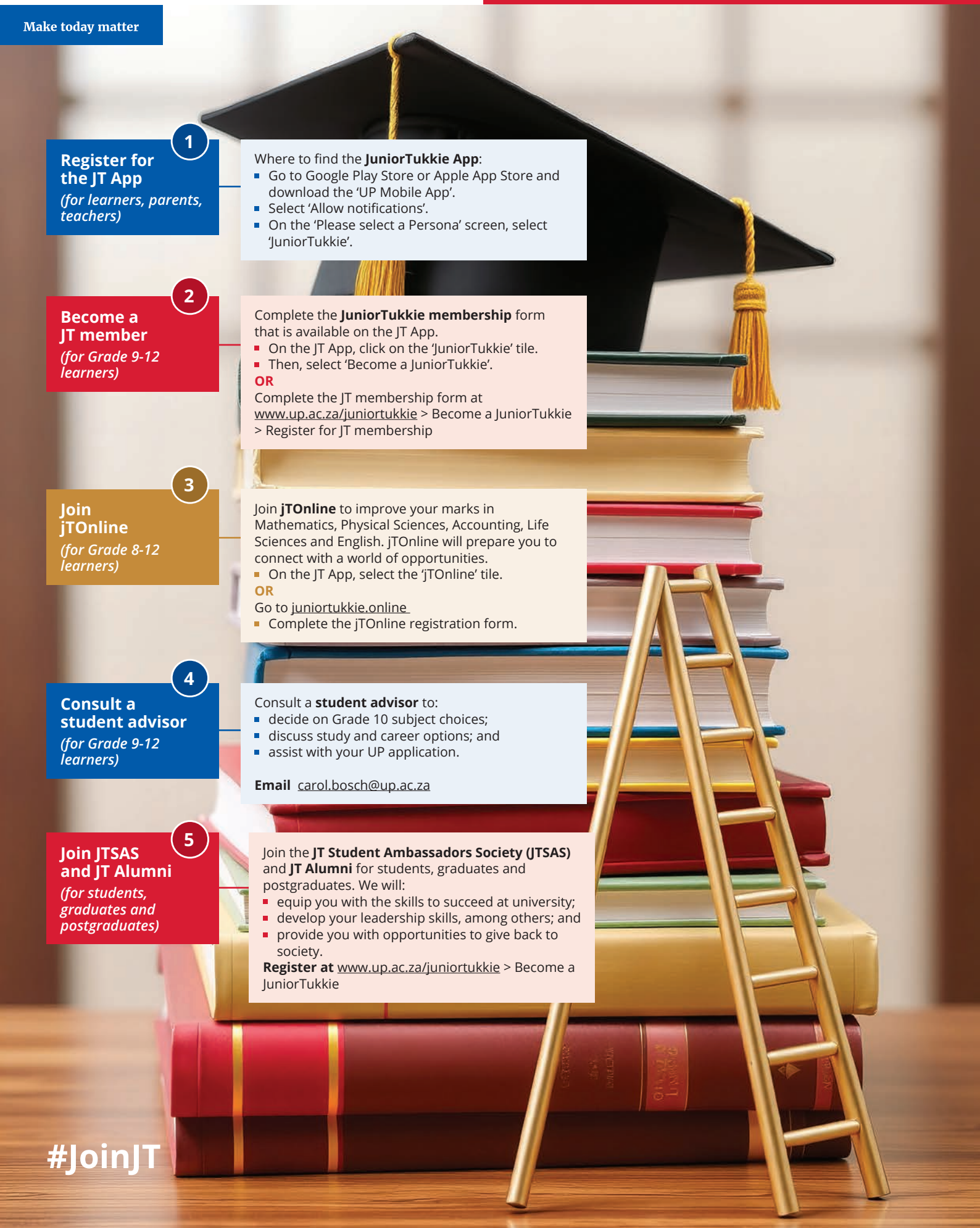
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

jT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Law

Fakulteit Regsgeleerdheid
Lefapha la Molao

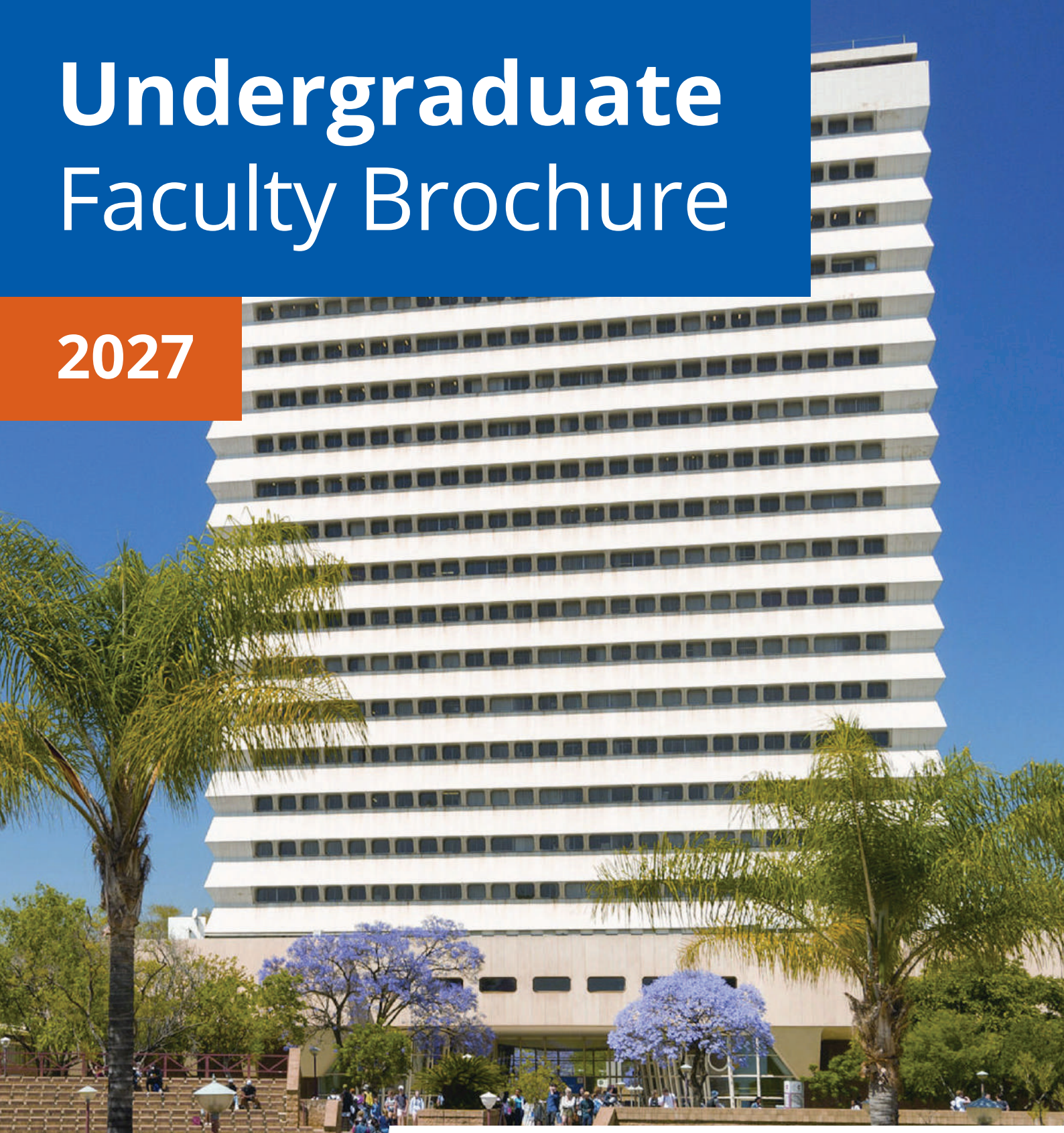
University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

Make today matter

www.up.ac.za

Undergraduate Faculty Brochure

2027



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Humanities

Fakulteit Geesteswetenskappe
Lefapha la Bomotho

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Humanities

Prof Kevin Thomas, Dean: Faculty of Humanities, University of Pretoria

HumanitiesMatters — Now More Than Ever

In a world transformed by artificial intelligence, where machines are being trained to think, respond and even feel, one might ask: Do the Humanities still matter? At the University of Pretoria (UP), our answer is clear: more than ever before.

#HumanitiesMatters is our bold declaration that the study of people, language, culture and society remains essential—not just to understand the world, but to shape it thoughtfully. As artificial intelligence and other technologies transform how we live and work, the Humanities equip graduates with the critical thinking, ethical awareness and deep understanding of human behaviour that are vital in guiding how these tools are used. We may not build the machines, but our graduates often become the voices that shape how they impact lives—asking the right questions about justice, identity, inclusion and responsibility.

At UP's Faculty of Humanities, we explore the human experience across disciplines—from politics and psychology to literature, languages, communication and the arts. We offer 18 undergraduate programmes and over 400 course options designed to help you thrive in a diverse, multilingual and rapidly changing world.

Our graduates are equipped not just with knowledge, but with the ability to think critically, adapt creatively and lead with integrity. Whether it is through Africa's only Neuro-Otologic Test Centre in our Department of Speech-Language Pathology and Audiology, or the continent's only arts therapy programme in our School of the Arts, we connect academic excellence with real-world impact.

Our global standing speaks for itself. Several of our subjects are ranked among the top 450 worldwide:

- English Language & Literature (301–350)
- Politics & International Studies (301–400)
- Development Studies (51–100)

These rankings reflect our commitment to excellence, relevance and future-focused learning.

More than a faculty, we are a community—of students, scholars, creatives and visionaries—working together to build a more thoughtful, just and inclusive world.

So, if you are ready to understand not just how the world works, *but why it matters, join us*. The future needs more than machines —it needs humans who lead with heart and mind.

Choose UP, choose Humanities and make today matter.

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

Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Humanities

AT A GLANCE

Home to 5 research centres and units, including:

- Centre for Augmentative and Alternative Communication;
- Emerging Scholars Initiative;
- Centre for Sexualities, AIDS & Gender;
- Itsoseng Psychological Clinic (Mamelodi Campus); and
- Unit for Academic Literacy.

71%
of academic staff hold doctoral degrees

Home to
67
NRF-rated researchers

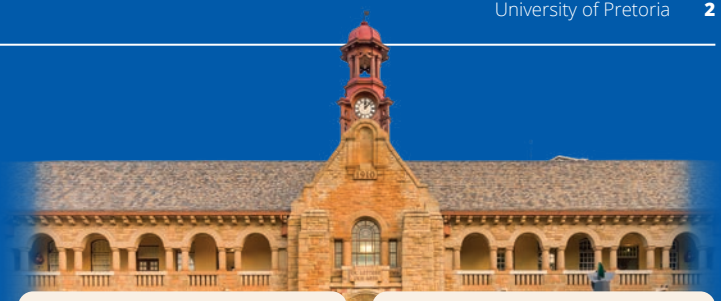
Maintains
25
international partnerships and agreements

Comprises 13 academic departments

- Political Sciences
- Speech-Language Pathology and Audiology
- Anthropology, Archaeology and Development Studies
- Afrikaans
- African Languages
- English
- School of the Arts
- History, Heritage and Tourism
- Psychology
- Sociology
- Philosophy
- Ancient and Modern Languages and Cultures
- Social Work and Criminology

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the application requirements table in this brochure.
8. Meeting the application requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

ADMISSION INFO

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

Applicants will be considered for conditional admission if space allows. A Grade 11 applicant must meet all the specific programme and APS requirements and must also submit their final Grade 11 examination results.

Final admission to degree studies depends on space availability. To qualify, applicants must meet one of the following:
- Have an NSC (or equivalent) with admission to bachelor's degree studies and meet the subject and APS requirements of the programme;
- Be a student transferring from another recognised tertiary institution and comply with the programme requirements of the chosen programme;
- Already have graduate status from a recognised tertiary institution;
- Be transferring from another Faculty at the University of Pretoria.

Applicants who are not South African citizens, or South African citizens with school-leaving qualifications other than the NSC (for example, qualifications from Spain, New Zealand, etc.), must obtain either a Complete Exemption Certificate or a Foreign Conditional Exemption Certificate. These certificates are based on the candidate's international qualification and can only be obtained from Universities South Africa (USAf) at www.mb.usaf.ac.za. In addition, such applicants must also meet the relevant programme admission requirements.

University of Pretoria website www.up.ac.za/faculty-of-humanities

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the application requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

PROGRAMME COORDINATORS AND STUDENT ADMINISTRATION

Contact details			
Programme	**Programme coordinator**		**Student administration**
Bachelor of Arts	Dr Charles Puttergill	Tel +27 (0)12 420 2715 Email charles.puttergill@up.ac.za	Tel +27 (0)12 420 3703 Email daniel.letsoalo@up.ac.za
Bachelor of Arts in Speech-Language Pathology	Dr Esedra Krüger	Tel +27 (0)12 420 2949 Email esedra.kruger@up.ac.za	Tel +27 (0)12 420 2959 Email naniki.rakolle@up.ac.za
Bachelor of Arts in Audiology	Prof Talita le Roux	Tel +27 (0)12 420 4884 Email talita.leroux@up.ac.za	Tel +27 (0)12 420 2959 Email naniki.rakolle@up.ac.za
Bachelor of Social Work	Dr Corlie Giliomee	Tel +27 (0)12 420 6437 Email corlie.giliomee@up.ac.za	Tel +27 (0)12 420 2959 Email naniki.rakolle@up.ac.za
Bachelor of Arts specialising in Law	Ms Harriét Klopper Dr Laetitia Coetzee	Tel +27 (0)12 420 2260 Email harriet.klopper@up.ac.za Email laetitia.coetzee@up.ac.za	Tel +27 (0)12 420 3616 Email palesa.tshetlhane@up.ac.za
Bachelor of Arts specialising in Languages	Ms Suléne Pilon	Tel +27 (0)12 420 3111 Email sulene.pilon@up.ac.za	Tel +27 (0)12 420 2959 Email naniki.rakolle@up.ac.za
Bachelor of Social Science specialising in Industrial Sociology and Labour Studies	Prof Debby Bonnin	Tel +27 (0)12 420 4366 Email debby.bonnin@up.ac.za	Tel +27 (0)12 420 3061 Email baleseng.ragophala@up.ac.za
Bachelor of Social Science in Heritage and Cultural Sciences [Option: Heritage and Cultural Tourism]*	Ms Charlene Herselman	Tel +27 (0)12 420 5956 Email charlene.herselman@up.ac.za	Tel +27 (0)12 420 3061 Email baleseng.ragophala@up.ac.za
Bachelor of Arts specialising in Philosophy, Politics and Economics	Prof Emma Ruttkamp-Bloem	Tel +27 (0)12 420 5779 Email emma.ruttkamp-bloem@up.ac.za	Tel +27 (0)12 420 3061 Email baleseng.ragophala@up.ac.za
Bachelor of Political Science specialising in International Studies	Mr Roland Henwood	Tel +27 (0)12 420 2687 Email roland.henwood@up.ac.za	Tel +27 (0)12 420 3061 Email baleseng.ragophala@up.ac.za
Bachelor of Political Science specialising in Political Studies	Dr Gerhard Wolmarans	Tel +27 (0)12 420 2689 Email gerhard.wolmarans@up.ac.za	Tel +27 (0)12 420 3061 Email baleseng.ragophala@up.ac.za
Bachelor of Arts in Fine Arts [4 year and 5 year programmes]	Dr Johan Thom	Tel +27 (0)12 420 3686 Email johan.thom@up.ac.za	Tel +27 (0)12 420 2206 Email janine.white@up.ac.za
Bachelor of Arts in Information Design	Prof Duncan Reyburn	Tel +27 (0)12 420 5189 Email duncan.reyburn@up.ac.za	Tel +27 (0)12 420 2206 Email janine.white@up.ac.za
Bachelor of Arts specialising in Visual Studies	Dr Rory du Plessis	Tel +27 (0)12 420 2353 Email rory.duplessis@up.ac.za	Tel +27 (0)12 420 2206 Email janine.white@up.ac.za
Bachelor of Music [4 year and 5 year programmes]	Prof Hanli Stapela	Tel +27 (0)12 420 2602 Email hanli.stapela@up.ac.za	Tel +27 (0)12 420 2206 Email janine.white@up.ac.za
Bachelor of Drama [3 year and 4 year programmes]	Dr Kristina Johnstone	Tel +27 (0)12 420 2643 Email kristina.johnstone@up.ac.za	Tel +27 (0)12 420 2206 Email janine.white@up.ac.za

For more information on student administration matters, please refer to the following link: www.up.ac.za/student-administration

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

SUBJECTS AND ELECTIVES

Subjects in the Faculty

List of electives for the Bachelor of Arts and other programmes	Department
Academic Literacy	Unit for Academic Literacy
African languages **Ndebele:** ▪ Mother-tongue speakers (speakers of Ndebele as home language) **Sepedi (Northern Sotho):** ▪ Beginners (no prior knowledge or experience of Sepedi is required) ▪ Non-mother-tongue speakers (speakers of Sepedi as first or second additional language) ▪ Mother-tongue speakers (speakers of Sepedi as home language) **Tswana:** ▪ Beginners (no prior knowledge or experience of Tswana is required) ▪ Non-mother-tongue speakers (speakers of Tswana as first or second additional language) ▪ Mother-tongue speakers (speakers of Tswana as home language) **Zulu:** ▪ Beginners (no prior knowledge or experience of Zulu is required) ▪ Non-mother-tongue speakers (speakers of Zulu as first or second additional language) ▪ Mother-tongue speakers (speakers of Zulu as home language)	African Languages
Afrikaans	Afrikaans
Ancient Culture Studies	Ancient and Modern Languages and Cultures
Anthropology	Anthropology and Archaeology
Archaeology	Anthropology and Archaeology
Criminology	Social Work and Criminology
Drama and Film Studies	Drama
English	English
French	Ancient and Modern Languages and Cultures
German	Ancient and Modern Languages and Cultures
Greek	Ancient and Modern Languages and Cultures
Hebrew	Ancient and Modern Languages and Cultures
Heritage and Cultural Tourism	History, Heritage and Tourism
History	History, Heritage and Tourism
History of Music (requires knowledge of music notation)	Music
International Relations (from second-year level only)	Political Sciences
Latin	Ancient and Modern Languages and Cultures
Philosophy	Philosophy
Political Sciences (from second-year level only)	Political Sciences
Politics (Introduction to International Relations and Political Science)	Political Sciences
Portuguese	Ancient and Modern Languages and Cultures
Psychology	Psychology
Social Work Theory (at first-year level only)	Social Work and Criminology
Sociology	Sociology
Spanish	Ancient and Modern Languages and Cultures
Visual culture studies	Visual Arts

List of electives from other faculties

Subjects	Faculty
Economics	Economic and Management Sciences
Education	Education
Geography	Natural and Agricultural Sciences
Information Science	Engineering, Built Environment and Information Technology
Mathematics	Natural and Agricultural Sciences
Public Administration	Economic and Management Sciences
Religion Studies	Theology and Religion
Statistics	Natural and Agricultural Sciences

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	Mathematics	English Home Language or English First Additional Language	
SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY			
Bachelor of Arts in Speech-Language Pathology [4 years]	4	5	**32**

Selection and Admission
- Selection is based on academic achievement, and only 50 students are admitted.
- The conditional selection process starts in August each year.
- Both first- and second-choice applications for the Bachelor of Arts in Speech-Language Pathology will be considered.
- For more information, please contact the programme coordinator (see page 5).

Programme Structure
The first year of study is the same for both the Audiology and Speech-Language Pathology programmes.

Careers
Graduates may work in:
- Education and special education
- Hospitals, clinics or rural communities
- Private practice
- Government and the military
- Academic institutions (teaching and research)

Bachelor of Arts in Audiology [4 years]	4	5	**32**

Selection and Admission
- Selection is based on academic achievement, and only 50 students are admitted.
- The conditional selection process starts in August each year.
- Both first- and second-choice applications for the Bachelor of Arts in Audiology will be considered.
- For more information, please contact the programme coordinator (see page 5).

Programme Structure
The first year of study is the same for both the Audiology and Speech-Language Pathology programmes.

Careers
Graduates may work in:
- Education and special education
- Hospitals, clinics and rural communities
- Private practice
- Government and the military
- Academic institutions (teaching and research)

PHILOSOPHY, POLITICS AND ECONOMICS			
Bachelor of Arts specialising in Philosophy, Politics and Economics [3 years]	5	5	**32**

Students who are interested in the Bachelor of Arts specialising in Philosophy, Politics and Economics programme, but do not comply with the 5 required in Mathematics, but have an APS of 32, a 4 in Mathematics and a 5 in English, may be admitted to another degree programme for the first year. If they register for STC 110 and STC 122 in their first year of study and pass both modules, they will be allowed to apply for an internal transfer to the Bachelor of Arts specialising in Philosophy, Politics and Economics programme in their second year of study. Please note that students are required to pass STC 110 in order to continue with STC 122.
Careers: Economic or political policy-making, journalism or the diplomatic service

VISUAL ARTS			
Bachelor of Arts in Information Design [4 years]		5	**30**

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Along with your UP application, you must submit an online portfolio to the Information Design division by 30 June. Applications without a portfolio will not be considered.
Careers: Refer to the 'Career opportunities' section on page 16.

BACHELOR OF ARTS			
Bachelor of Arts [3 years]		5	**30**

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.
Note: Students who wish to become psychologists must complete a Bachelor of Arts majoring in Psychology, the Bachelor of Social Science Honours specialising in Psychology and the Master of Arts in Clinical, Counselling or Research Psychology
Careers: Clinical, Counselling and Research Psychologists (various research career options). Refer to the career opportunities section on page 17. Click here for more information on the Board of Psychology at the HPCSA, or go to www.hpcsa.co.za/board/psychology

SOCIAL WORK			
Bachelor of Social Work [4 years]		5	**30**

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.
Programme structure: Admission to the Bachelor of Social Work programme is initially based on school results. To continue in the programme, students must successfully complete departmental selection at the end of their first year. This process assesses academic performance and may include an aptitude test and interview. A police clearance certificate (PCC) is required to study social work. In terms of the Children's Act (2005), all registered student social workers have to complete Form 30 in Part B of the National Child Protection Register (NCPR). Requirement for selection into the second year: A general average mark of 60% for all the social work first year level modules respectively, and a weighted average of 60% for the rest of the required modules in the BSW programme.
Career: Refer to the career opportunities section on page 20.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
LAW		
Bachelor of Arts specialising in Law [3 years]	5	34
Career: Lawyer (A Bachelor of Arts specialising in Law degree and a Bachelor of Laws degree are required.)		
LANGUAGES		
Bachelor of Arts specialising in Languages [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** Refer to the 'Career opportunities' section on page 21.		
INDUSTRIAL SOCIOLOGY AND LABOUR STUDIES, HERITAGE AND CULTURAL TOURISM		
Bachelor of Social Science specialising in Industrial Sociology and Labour Studies [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** Refer to the 'Career opportunities' section on page 26.		
Bachelor of Social Science in Heritage and Cultural Sciences* [Option: Heritage and Cultural Tourism] [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** Refer to the 'Career opportunities' section on page 27. ** Possible name change to: Bachelor of Social Science specialising in Heritage and Cultural Tourism*		
POLITICAL SCIENCES		
Bachelor of Political Science specialising in International Studies [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** International relations, diplomatic service, political consultation, conflict resolution, policy analysis, strategic intelligence, governance, international political economics and risk analysis		
Bachelor of Political Science specialising in Political Studies [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** Policy analysis and consultation, political analysis and communication, governance, conflict resolution, strategic intelligence, political development and mobilisation and risk analysis		
VISUAL ARTS		
Bachelor of Arts in Fine Arts [4 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in July, September and on an ad-hoc basis. Applicants must submit an A4 portfolio, which will be evaluated alongside a UP competency test that includes both practical and theoretical components. Successful applicants must achieve at least 60% in each of the following components: ▪ Conceptualisation test ▪ Drawing ▪ Interview ▪ A4 Portfolio **Careers:** Gallery managers, art facilitators, art consultants/advisors, art educators, artists in the fine arts, artists in new media, artists in applied arts		
Bachelor of Arts in Fine Arts [5 years]	4	26
This is a 5 year programme. Admissions take place in July, September and on an ad-hoc basis. Candidates must also complete a UP competency test that assesses practical and theoretical components. Successful applicants must achieve at least 50% in each of the following components: ▪ Conceptualisation test ▪ Drawing ▪ Interview **Careers:** Gallery managers, art facilitators, art consultants/advisors, art educators, artists in the fine arts, artists in new media, artists in applied arts		
Bachelor of Arts specialising in Visual Studies [3 years]	5	30
To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. **Careers:** Art and film critics, visual culture specialists, art and culture educators, academics, art historians, curators, visual analysts, visual consultants, media and communication analysts, social media coordinators, gallery managers		

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	Music	English Home Language or English First Additional Language	
MUSIC			
Bachelor of Music [4 years]	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**

The School of the Arts: Music selects candidates based on a practical singing or instrument performance of 15 minutes, as well as a theoretical test.
Audition required
- Video of a practical performance (with an achievement of at least 60%): A performance on the candidate's principal instrument. The performance should last about 15 minutes, and the programme must contain three works from different style periods (standard: at least Grade VII, Unisa/Royal Schools/Trinity practical music examinations);
- Online theoretical test (with an achievement of at least 60%): A written test that will assess the candidate's knowledge of elementary harmony (standard: at least Grade V, Unisa/ Royal Schools/Trinity theory examinations).

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in July, September and on an ad-hoc basis.
Careers: Music teachers, music technicians, solo and/or chamber music performers, orchestral musicians and composers

Bachelor of Music [5 years]	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**

This is a 5-year programme. Prospective students will be required to write an assessment.
The School of the Arts: Music selects candidates based on a practical singing or instrument performance of 10 minutes, as well as a theoretical test.
Audition required
- Video of a practical performance (with an achievement of at least 50%): A performance on the candidate's principal instrument. The performance should last about 10 minutes, and the programme must contain three works from different style periods (standard: at least Grade V, Unisa/Royal Schools/Trinity practical music examinations);
- Online theory test (with an achievement of at least 50%): A written test that will assess the candidate's knowledge of elementary theoretical principles (standard: at least Grade III, Unisa/ Royal Schools/Trinity theory examinations).

Admissions take place in July, September and on an ad-hoc basis.
If you are admitted to this programme, you may not be considered for any other degree programme within the Faculty, except for the Bachelor of Music degree.
Careers: Music teachers, music technicians, solo and/or chamber music performers, orchestral musicians and composers

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
DRAMA		
Bachelor of Drama [3 years]	5	**30**

Applicants must complete and pass an audition process. To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in August and on an ad-hoc basis.
Careers: Actors (theatre, film, television and radio), physical theatre artists, theatre critics, radio and television presenters, theatre directors, educational theatre practitioners and educators, community theatre artists and educators, light and sound operators, voice artists, stage and production managers, programme facilitators and managers, performing arts administrators, documentary film-makers, digital and new media creators, playwrights, scriptwriters, play devisors, film and theatre researchers

Bachelor of Drama [4 years]	4	**26**

This is a 4-year programme. The first year is a foundation year. Applicants who meet the criteria for the 3-year programme must apply for that programme. Applicants must complete and pass an audition process. Admissions take place in August and on an ad-hoc basis.
Careers: Actors (theatre, film, television and radio), physical theatre artists, theatre critics, radio and television presenters, theatre directors, educational theatre practitioners and educators, community theatre artists and educators, light and sound operators, voice artists, stage and production managers, programme facilitators and managers, performing arts administrators, documentary film-makers, digital and new media creators, playwrights, scriptwriters, play devisors, film and theatre researchers

Why a programme in the Humanities?

A variety of disciplines and programmes equip students for a wide range of professions. Specialised and more general training programmes develop high-level critical thinking skills and the capacity to communicate effectively in the world of work. The lecturers who teach in the Faculty are all specialists in their respective fields. From time to time the Faculty modifies its undergraduate and postgraduate offerings to remain competitive on both the national and international tertiary education fronts.

Students who register for programmes offered in this Faculty will be able to:

- equip themselves with discipline-specific knowledge, insight and skills;
- develop analytical skills that are in demand in both the South African and the international labour market;
- acquire critical thinking and problem-solving skills;
- conduct research; and
- talk and write authoritatively about their chosen field of study.

UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Speech-Language Pathology

The Bachelor of Arts in Speech-Language Pathology programme will help students acquire in-depth knowledge of normal speech and language processes within the framework of human communication (infants, children and adults).

Students learn about the causes and signs of speech, voice, language, listening and reading disorders. They also study the scientific principles behind assessing and helping people with these communication difficulties, or those at risk of developing them.

The programme also teaches students how to assess and treat swallowing and feeding problems (dysphagia) in clients of all ages. Therapy can take place one-on-one, in groups, as part of a team, or through community programmes.

Students gain practical skills in techniques to improve speech, voice, language and swallowing. The qualification meets international requirements.

Who is the ideal candidate?

The ideal candidate is someone who is:
- Interested in the social humanities
- Eager to improve people's well-being
- Able to help others communicate effectively

Candidates should be dedicated students who uphold the ethics of their future profession. Their main goal should be to enhance the quality of life of their clients and help them connect with others in daily interactions.

Shadowing a speech-language therapist at work is encouraged.

What makes this programme unique?

The programme offers high-quality theoretical and practical training by registered healthcare professionals. Students are registered as student clinicians with the Health Professions Council of South Africa (HPCSA), allowing them to provide speech-language therapy services while still undergraduates.

Depending on their academic performance, students may have the option to pursue a full-time master's degree after completing the four-year professional degree.

After graduation, students are required to complete one year of community service at a public healthcare facility employed by the South African Department of Health. This provides excellent clinical experience and gives graduates an immediate job and income opportunity.

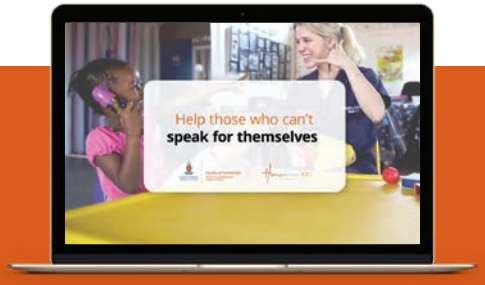
Career opportunities

Graduates may work in:
- Education and special education
- Hospitals, clinics or rural communities
- Private practice
- Government and the military
- Academic institutions (teaching and research)

Structure of programme

Core modules
- An African language (either isiZulu, Sepedi or Setswana)
- Anatomy
- Integrated health leadership
- Neuro-anatomy
- Neurophysiology
- Physiology
- Research
- Speech-language pathology
- Speech sciences

Watch the Bachelor of Arts in Speech-Language Pathology YouTube video here: youtu.be/XDsXES3c0_o



UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Speech-Language Pathology *(continued)*

'One of the most meaningful aspects of my journey has been the opportunity to give back to the very department that supported me as a child. I was born with a cleft lip and palate and received early communication intervention therapy at UP when I was just one years old. Today, I provide therapy to children with cleft lip and palate in the same classrooms where I once received help. This full-circle experience has been the most rewarding highlight of my studies.

Beyond the classroom, the friendships I've formed over the past four years have been a true highlight of my student life. My friends have supported me not only academically, but in every area of life—and I know they'll remain lifelong companions as we begin our professional journeys together.'

Jana van der Merwe – Bachelor of Arts in Speech-Language Pathology

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Arts in Speech-Language Pathology [4 years]	5	4	32

Selection is based on academic achievement, and only 50 students are admitted. The conditional selection process starts in August each year. For more information, please contact the programme coordinator (see page 5).
Note: We will consider both first- and second-choice applications for Bachelor of Arts in Speech-Language Pathology.

Contact information

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Audiology

Audiologists provide patient-centered care in the prevention, diagnosis and (re)habilitation of hearing, balance and other auditory disorders.

The Bachelor of Arts in Audiology programme is aimed at acquiring in-depth knowledge of normal and pathological hearing and balance processes within the framework of human communication. In addition to theoretical modules, students do hands-on clinical training with patients (from infants to adults) in clinics, hospitals, schools and community outreach programmes.

The Bachelor of Arts in Audiology programme equips students with the knowledge and skills to assess, diagnose and manage hearing and balance disorders across the lifespan. Training includes audiological and vestibular screening, diagnostic evaluation, and evidence-based intervention (habilitation) conducted within multidisciplinary teams or through community-based programmes where students offer services to the public.

What makes this programme unique?

The Department of Speech-Language Pathology and Audiology at UP is the first and only centre in Africa to become a World Health Organisation Collaborating Centre for the Prevention of Deafness and Hearing Loss.

The qualification's compliance with international standards makes graduates highly sought after locally and internationally.

Career opportunities

Diagnostic audiometry and rehabilitative audiology, work in education, special education, private and public hospitals and clinics, private practice, military, community outreach programmes and higher education (teaching, research).

Structure of programme

Core modules include:

- Taking an African language
- Anatomy
- Physiology
- Neuroanatomy
- Neurophysiology
- Integrated health leadership
- Research
- Audiology
- Speech science

Who is the ideal candidate?

The ideal candidate has:

Communication skills
Audiologists need to communicate test results, diagnoses, and proposed treatments, so patients clearly understand the situation and options. They also may need to work with other healthcare providers and education specialists regarding patient care.

Compassion and empathy
Audiologists work with people who have problems with hearing or balance. They also need to understand how these disorders affect their clients and their families.

Critical-thinking skills
Audiologists must critically analyse not only a patient's hearing/balance, but their unique circumstances to offer tailor made counselling and treatment plans. They must also be able to provide alternative solutions when patients do not respond to initial treatment.

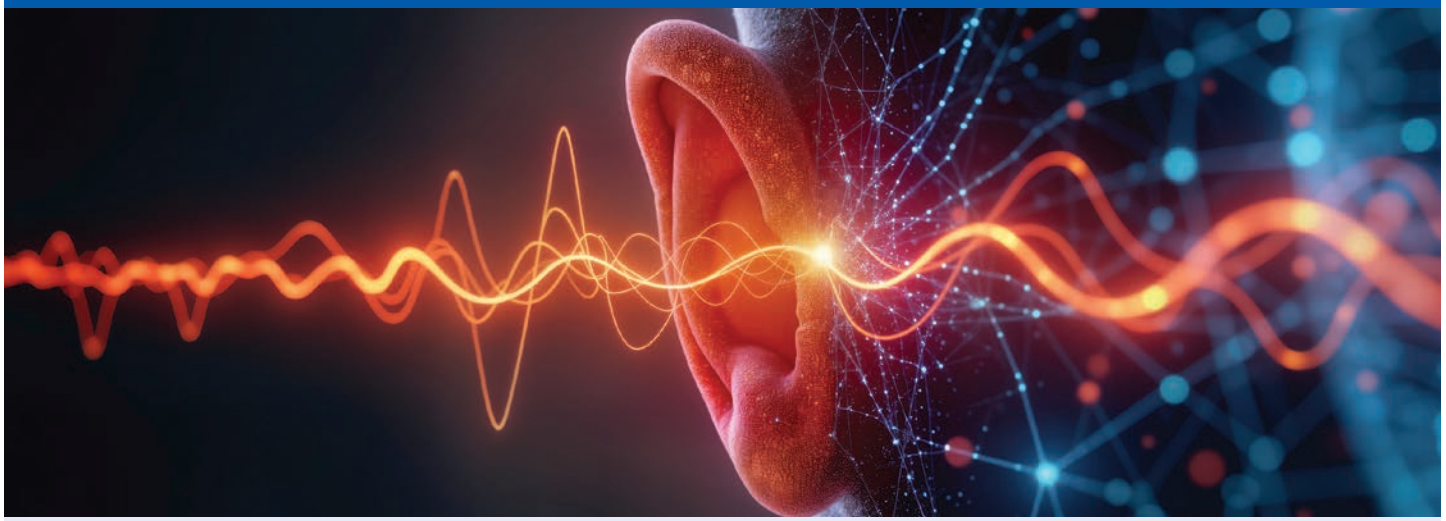
Patience
Audiologists work with patients who may need a lot of time and special attention in order to understand why they experience certain difficulties, and how to move forward with intervention.

Problem-solving skills
Audiologists must use a combination of science and context-relevant knowledge to figure out the causes of hearing and balance disorders, and the appropriate treatment to address them.

Watch the Bachelor of Arts in Audiology YouTube video here: youtu.be/b_ndLYJkPcs

UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Audiology *(continued)*



'After matric, I initially enrolled in a different course at the university, but soon realised it was not the right fit for me and that I could not see myself working in that profession long term. I decided to change to audiology, hoping I would enjoy it—and to my surprise, I fell in love with it. Even when the academic work became challenging, I never once thought of giving up.

The Department is small, which benefits students by making it easier to build strong relationships. It also allows for more individual attention when needed. I was pleasantly surprised by how welcoming the staff were when I started as a first-year, and even now as a master's student, I still feel the same way. We are fortunate to have such supportive staff who go out of their way to ensure we understand the work and are always available to help.

In high school, most of us were told that we should expect to have lecturers that do not care about our academics and wellbeing, but our lecturers have been nothing but loving and supportive. Transitioning from high school to university was difficult, but the course structure, the lecturers and the rest of the staff made it easier for us to adjust. Consequently, that was one of the reasons why I decided to further my studies and do a postgraduate degree; I felt comfortable and part of the Department.

We are fortunate to have access to the best professionals and equipment that further enrich our learning. If you aspire to be in this line of work, then I strongly advise that you choose UP.'

Cathrine Mothlamare – Bachelor of Arts in Audiology

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Arts in Audiology [4 years]	5	4	32

Selection is based on academic achievement, and only 50 students are admitted. The conditional selection process starts in August each year. For more information, please contact the programme coordinator (see page 5).
Note: We will consider both first- and second-choice applications for Bachelor of Arts in Audiology.
Careers: Diagnostic and rehabilitative audiology, audiometry and hearing therapy, work in education, special education, private and public hospitals and clinics, private practice, military, community outreach programmes and higher education (teaching, research).

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Information Design

Design is a dynamic discipline that impacts people and the world they live in. The successful information designer is a highly qualified person who plays a vital role in creating the contemporary visual, spatial and digital environment.

A skilled designer conveys meaningful and powerful messages in a variety of media to diverse people. The Bachelor of Arts in Information Design programme incorporates design strategies and design applications in a range of media. Our students learn to design with their heads, hearts and hands to equip them for local and global communication design careers.

Information design as a discipline:
- establishes visual identities for people, organisations or products;
- visually informs, directs, explains and describes a product and/or organisation;
- persuades people to change their behaviours;
- creates an entertaining, aesthetic or intriguing experience; and
- creates meaningful and socially responsible design systems.

Graduates will leave the programme with confidence and versatility that will enable them to establish themselves in any of the above areas of professional practice. They can expect to be knowledgeable about current professional practice developments and be sensitive to how design can impact society and bring about social change.

Who is the ideal candidate?

The ideal candidate for this programme has an aptitude for both strategic and creative thinking. They are open-minded, hardworking and dedicated, and have a strong interest in communicating with and serving people with integrity.

What makes this programme unique?

This is the only broad-based professional (NQF level 8) design degree of its kind in Africa. It is unique in terms of both its scope and depth and is recognised as such by both the creative industry and design educators.

Structure of programme

The core modules consist of:
- Two studio practice subjects: Information design and imaging and visualisation
- One theory subject: Visual culture studies

Which companies employ our graduates?

Many companies employ our graduates, including companies and institutions that focus on animation, graphic design, illustration, interaction design, art direction, media production, motion graphics design and design education, to name just a few. Many of our graduates become freelancers and entrepreneurs, founding their own companies that specialise in one or more of the skills learned throughout the degree.

Visit our YouTube channel: @Information Design
Support our students: www.patreon.com/informationdesign
Visit our Instagram page: @upinfodesign

UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Information Design *(continued)*

- Animators
- Graphic designers
- Illustrators
- Interaction designers
- Communication designers
- Art directors
- Media production managers
- Design managers

Career opportunities

- Designers of animation and motion graphics
- Design educators
- Media designers
- Freelance designers
- Design consultants
- Printers and production houses
- Owners of private studios
- Typographers (for advertising and branding agencies, publishing industries, web design companies, broadcasting and animation studios)
- In-house designers (for large companies, state and parastatal organisations, research and educational institutions, public relations and marketing companies)

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Arts in Information Design [4 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Along with your UP application, you must submit an online portfolio to the Information Design division by 30 June. Applications without a portfolio will not be considered.

Contact information

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts

In the Faculty of Humanities, more students choose a Bachelor of Arts degree than any other programme. Its adaptability enables students to explore disciplines and proceed with those best suited to their interests and abilities. At the first-year level, Academic information management (AIM) and Academic literacy (ALL) are fundamental (compulsory) modules. In compiling their programmes, students have an extraordinarily wide choice.

See page 7 of this brochure or the alphabetical list of modules in the Faculty's Yearbook at www.up.ac.za/yearbooks/home. Students determine the focus of their studies (usually two majors are taken up to the third-year level), as well as the supporting subjects they decide to include in the programme.

- **First year:** Select four disciplines and take them for the full year (both semesters), plus one module of at least twelve credits.
- **Second year:** Decide which three of the four disciplines completed at the first-year level will be continued with for the full year.
- **Third year:** Select any two of the three disciplines completed at the second-year level and continue with them for the full year. Note that students need not decide on these two core disciplines at the beginning of their first year of study, but have the opportunity to familiarise themselves with them before deciding on the focus for their final year (and possibly for postgraduate studies).

Students should comply with this degree structure and will require at least 360 credits to graduate.

Specific disciplines from other faculties may be included in the Bachelor of Arts programme on the following conditions: Only two can be taken at first-year level and one of these can be continued with at second- and third-year level. Refer to the list on page 6 of this brochure for disciplines from other faculties included in the Bachelor of Arts curriculum. The admission requirements for these disciplines are discussed in the yearbooks of the faculties concerned.

Students who wish to continue with postgraduate studies in psychology at UP must include a research module such as RES 320, or an equivalent module, during their undergraduate studies to enable them to apply for selection into the Bachelor of Social Science Honours in Psychology. This is an additional module and not part of the degree structure requirement.

Structure of programme

Since the programme allows for two core disciplines, students have more than one option for postgraduate study. They therefore have an alternative, should they not comply with the selection requirements for postgraduate study in one of the disciplines. With good planning, students who complete the Bachelor of Arts programme have the same chance of being selected for postgraduate studies in a particular discipline as those who enrol for the more specialised programmes.

Career opportunities

The Bachelor of Arts is a foundational degree which sets out to improve thinking and writing skills. In a constantly changing world being able to reflect imaginatively and innovatively is an asset.

Depending on the choice of disciplines majoring in, the Bachelor of Arts lays the foundation for further studies and work in the following fields:

- Community engagement and development
- Counselling
- Cultural studies
- Diplomacy and politics
- Education
- Governance
- Heritage conservation
- Journalism
- Language services
- Media studies
- Policy analysis
- Research
- Societal analysis
- Translation
- Work and organisational studies

UNDERGRADUATE PROGRAMMES

Bachelor of Arts *(continued)*

'I'm currently pursuing my PhD and working as an assistant lecturer—a journey that began with my BA at UP. My senior year was the most challenging academic year of my life, but it was also the highlight. Thanks to UP's incredible staff, I received not only outstanding academic support but also attention to my well-being through Student Health Services. The experience has always been exceptional—the staff are professional, caring and committed to ensuring students thrive both academically and personally.

For me, the best part of student life at UP is the visible growth you experience. UP is a breeding ground for opportunities, both academic and personal, if you're willing to look for them. It's a place that pushes you to grow, step up and prepare for a meaningful future.'

Bongekile Mkrola – BA General, Psychology & Philosophy

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Arts [3 years]	5	**30**

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.
Note: Students who wish to become psychologists must complete a Bachelor of Arts majoring in Psychology, the Bachelor of Social Science Honours specialising in Psychology and the Master of Arts in Clinical, Counselling or Research Psychology
Careers: Clinical, counselling and research psychologists (various research career options). Click on the link for more information on the Board of Psychology at the HPCSA www.hpcsa.co.za/board/psychology.

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UNDERGRADUATE PROGRAMMES

Bachelor of Social Work

This programme includes work-integrated learning and prepares graduates for a professional career in social work. Graduates learn to help people solve problems, promote social change and development, strengthen community cohesion and empower individuals and groups.

The programme equips students with the values, knowledge, skills and practical competencies needed to:

- uphold social justice and human rights;
- enhance the social functioning of individuals, families, groups and communities;
- promote sustainable communities and environments;
- advocate for the removal of structural causes of poverty, inequality, oppression, discrimination and social exclusion;
- apply developmental social work methods through providing preventative, protective, developmental and therapeutic support to individuals, families, groups organisations and communities;
- inform social work services to ensure the protection of those who are vulnerable, belong to high-risk groups and are unable to protect themselves;
- address social needs and issues in the South African social welfare policy and legislation contexts;
- influence and develop social policy; and
- inform research methods, designs and strategies.

Structure of programme

Core modules

Core modules include Social Work, Social Work Practice, Psychology, Criminology, Sociology, Business Management and Welfare Law.

Elective modules

Elective modules are selected from Anthropology (first, second and third-year levels), Psychology, Criminology and Sociology (on second and third-year levels).

Postgraduate studies

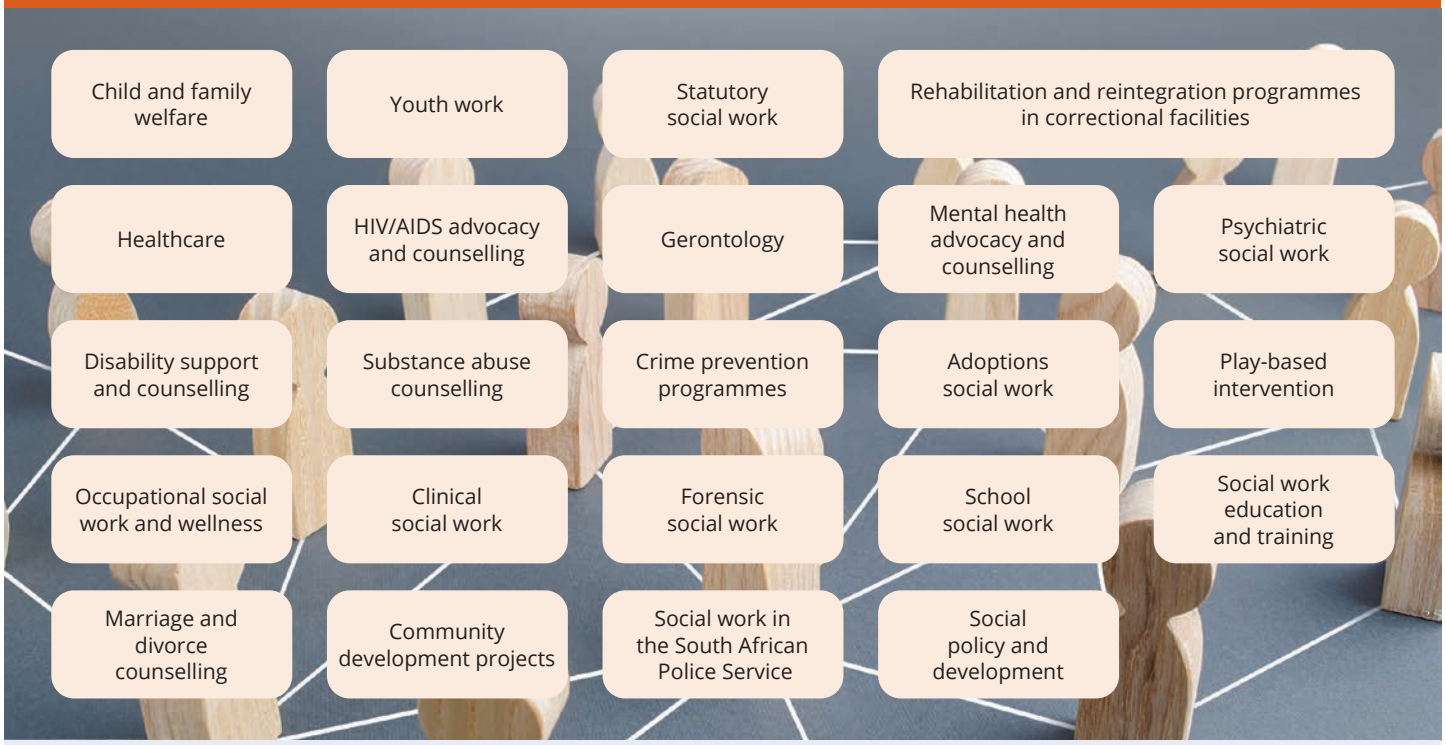
The following programmes are available:

- Master of Social Work specialised programmes in Social Development and Policy, Play-based Intervention and Healthcare
- Research-based master's and doctoral studies in various fields of study

UNDERGRADUATE PROGRAMMES

Bachelor of Social Work *(continued)*

Career opportunities



'I recently graduated with a Bachelor of Social Work degree with a major in psychology. What inspired me to pursue this degree was my community background and the adversity I had witnessed, coupled with a lack of access to psychosocial support. I wanted to make a positive impact and empower individuals and communities.

The greatest learning experiences during my studies involved engaging in networking opportunities, participating in community service and gaining practical experience alongside my academic pursuits. This hands-on approach not only deepened my understanding of the field but also instilled in me a sense of purpose and drive to continue making a difference. Through this experience, I became more empathetic, culturally sensitive and empowered to impact the lives of others positively.'

Tumelo Nkateko Mnisi – Bachelor of Social Work

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Social Work [4 years]	5	30

Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Final admission is confirmed with a minimum APS of 28 in Grade 12 final results. Admission to the Social Work programme is initially based on school results. To continue in the programme, students must successfully complete departmental selection at the end of their first year. This process assesses academic performance and may include an aptitude test and interview. In terms of the Children's Act (2005), all registered student social workers have to complete Form 30 in Part B of the National Child Protection Register (NCPR). Requirement for selection into the second year: A general average mark of 60% for all the social work first year level modules respectively, and a weighted average of 60% for the rest of the required modules in the BSW programme.

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Languages

Bachelor of Arts specialising in Languages equips students with integrated communication skills and knowledge of the grammar, literature and culture of at least two languages of their choice.

Students can major in Afrikaans, English, German, French, Portuguese, Spanish, isiZulu, Ndebele, Sepedi, Greek, Hebrew or Latin, and may add more languages and/or other modules from other disciplines in the Faculty to these language disciplines.

Postgraduate options

The following postgraduate programmes are available:

- Bachelor of Honours in African Languages, Afrikaans, Ancient Languages and Culture Studies, Applied Language Studies, English, French, German and Spanish
- Master of Arts (Research) in Creative Writing, Afrikaans, Literary Theory, African Languages, Ancient Languages and Culture Studies, German, English, French, Linguistics, Applied Language Studies and Spanish

Career opportunities

Career opportunities for Languages graduates include:

- Advertising, media and communication
- Copywriting and creative writing
- Text and document design
- Editing
- Language planning
- Language teaching and training
- Lexicography (compilation of dictionaries)
- Technical writing
- Public relations
- Translation
- Publishing
- Diplomatic relations
- Tourism

Further study options:

- To become a language practitioner, consider a BA Honours in Applied Language Studies after completing a BA specialising in Languages.
- To enter the teaching profession, complete a Postgraduate Certificate in Education (PGCE).

'As a writer and creative, studying languages—specifically English—was an important part of my university experience. It added to my love and appreciation for the art of creation while also expanding my understanding of the complexities of language. I finished my education degree in 2024 with English and History as my majors. What I enjoyed most in English lectures was the depth of our discussions. It served as an opportunity to see the text from multiple perspectives. The most significant part of the experience was my interactions with lecturers and other people in the department, as this created the space for passionate discussion, thought-provoking debate, and the reconstruction of ideas I thought I understood. Studying English was an opportunity for incredible growth in my love of the language and my work as a writer and poet. Going forward, I am going to be a high school English teacher, and I hope to bring my lecturers' love of the subject into the classroom. I hope to inspire my students as my English lecturers have inspired me.'

Inganathi Pupuma – Bachelor of Arts Specialising in Languages

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Arts specialising in Languages [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.

Contact information

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Law

This programme meets the growing demand for employees with legal knowledge who are also trained in aspects of the social and human sciences.

It aims to train students as law practitioners with a broader academic background. The programme also provides an alternative route to obtaining a Bachelor of Laws (LLB) and offers versatile training in both law and the social sciences or humanities.

Students gain improved insight into the extent, consequences, and handling of national and global issues. They are academically equipped for careers where research, decision-making and reporting on law-related issues are essential.

This is a full-time programme, with certain modules offered after hours.

Structure of programme

Core modules

Core modules include:

- Jurisprudence
- Roman law
- Law of persons
- Legal pluralism
- Legal interpretation
- Family law
- Public law
- Law of succession
- Law of contract
- Law of delict

Elective modules

At first-year level, three Bachelor of Arts subjects must be selected from the elective modules. At least one of these subjects must be a language. Two Bachelor of Arts subjects must be selected up to second year level, of which at least one must be a language; and one Bachelor of Arts subject must be selected up to third-year level.

Postgraduate studies

After completing a Bachelor of Arts specialising in Law degree, students can continue with a Bachelor of Laws or may register for an honours degree in the core discipline they chose in the humanities.

'My journey in law began with a Bachelor of Arts specialising in Law at the University of Pretoria, which I completed with distinction. I am excited to now be furthering my studies in the Bachelor of Laws [LLB] programme. My passion for law stems from the challenges my family faced. Growing up in a working-class family, we often found ourselves entangled in legal battles without the means to secure justice. These experiences sparked an early realisation of the importance of legal knowledge, empowering me to navigate the complexities of the world and advocate for justice.

My academic journey at the University of Pretoria has been both challenging and rewarding. Driven by my fascination with criminal behaviour and the workings of the criminal justice system, I chose to major in criminology. This decision not only broadened my understanding of the human psyche but also enriched my knowledge of legal structures.

Along the way, I was honoured with several awards for academic excellence, including an invitation to join the Golden Key International Honour Society. Graduating cum laude with a Bachelor of Arts specialising in Law and achieving 19 distinctions stands as a proud reflection of my dedication and hard work.

Beyond academics, I have taken on various leadership roles that have significantly contributed to my personal growth. My efforts were recognised with a merit certificate for leadership from the Student Representative Council and a certificate for innovation and excellence in leadership from the Department of Student Affairs. As I step into the LLB programme, I am eager to expand my legal knowledge and skills to advocate for justice and support those who, like my family, face legal challenges without adequate representation.'

Sifiso Dlamini – Bachelor of Arts specialising in Law

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Arts specialising in Law [3 years]	5	**34**

Career: A legal advisor, paralegal, or a compliance manager

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Website www.up.ac.za/yearbooks/2025/HUM-faculty/UD-programmes

UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Law *(continued)*

Career opportunities in the **LEGAL profession** with at least a **Bachelor of Laws degree:**

Admission as an attorney or advocate is highly recommended before pursuing careers outside the organised profession!

Officer of the Court

- Attorney
- Advocate
- Court Orderly
- **National Prosecuting Authority**
- Public Prosecutor
- State Advocate

Court Administration

- Court Manager
- Clerk of the Court
- Registrar
- Maintenance Officer
- Maintenance Investigator
- Maintenance Clerk
- Interpreter
- Stenographer
- Judge's Clerk

Justice and Constitutional Development

- Office of the Chief State Law Adviser
- State Attorney
- Legal Administration Officer
- Master of the High Court
- Office of the Family Advocate

Judiciary

Magistrate: Adjudicates criminal and civil cases in court. They have power to acquit, convict and sentence the accused if found guilty of committing an offence or pass judgments in civil matters.

Judge: Presides over criminal, civil and constitutional matters in the High Courts, Supreme Court of Appeal and the Constitutional Court.

Other areas

- **Law Reform Commission**
- **NGOs**
- **Legal Advisers**
- **South African Police Service**
- **Military**
- **Correctional Services**

Legal Academics

Law lecturers at the various universities or colleges:

- Lecturer
- Senior Lecturer
- Associate Professor
- Professor
- Head of a Department or Law School
- Deputy Dean
- Dean

Legal Aid and Advice

- Legal Aid Board
- Legal Resources Centre/Justice Centres
- Lawyers for Human Rights
- Clinics and Para-legals operating in Community Advice Centres
- University Law Clinics
- Para-legal Advice Offices

UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Philosophy, Politics and Economics

The Bachelor of Arts specialising in Philosophy, Politics and Economics provides students with in-depth knowledge and an analytical understanding of contemporary political and economic issues. By combining three disciplines—philosophy, politics, and economics—the programme examines the social world from different perspectives.

As a multidisciplinary qualification, this programme equips students to think critically and respond in a thoughtful, practical and innovative way to moral and politico-economic challenges.

By developing strong analytical and reasoning skills, students can critically engage with the history of modern economic and political thought. At the same time, by strengthening their mathematical abilities, they are well prepared to take advantage of the opportunities created by the current big data revolution.

Who is the ideal candidate?

The ideal candidates for this programme are students who:

- Have an affinity for mathematics
- Are interested in socio-economic and political issues, such as:
  - The impact of climate change on society
  - Job migration
  - The Fourth Industrial Revolution

What makes this programme unique?

A BA specialising in Philosophy, Politics and Economics is an internationally recognised qualification, respected for its rigorous training. It opens doors to diverse careers in economics, policymaking, journalism and the diplomatic service.

Structure of programme

First year

Core modules: Economics, Philosophy, Political Sciences and Statistics

Elective modules (Year-level 1):

- Choose any two-semester modules (one per semester) from the same discipline.
- If chosen from the Faculty of Economic and Management Sciences, the modules must total at least 20 credits.
- If chosen from the Faculty of Humanities, the modules must total at least 24 credits.
- Students interested in an Honours degree in Economics should consult the Faculty of Economic and Management Sciences to check which additional modules are needed to meet the BCom Honours (Economics) entry requirements.

Second year

Core modules: Economics, Political Science or International Relations, Philosophy and Statistics

Third year

Core modules: Economics, Political Science or International Relations and Philosophy

Postgraduate studies: With this qualification, students may apply for admission to the Bachelor of Arts Honours in Philosophy, Politics and Economics degree programme. Subsequently, they will be able to continue with Master of Arts in Philosophy, Politics and Economics and ultimately doctoral degrees.

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Arts specialising in Philosophy, Politics and Economics [3 years]	5	5	32

Students who are interested in the Bachelor of Arts specialising in Philosophy, Politics and Economics programme, but do not comply with the 5 required in Mathematics, but have an APS of 32, a 4 in Mathematics and a 5 in English, may be admitted to another degree programme for the first year. If they register for STC 110 and STC 122 in their first year of study and pass both modules, they will be allowed to apply for an internal transfer to the BA(PPE) programme in their second year of study. Please note that students are required to pass STC 110 in order to continue with STC 122.

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Philosophy, Politics and Economics *(continued)*

Which companies employ our graduates?

Graduates have gone on to work for a wide range of prestigious organisations, including:

- Thomson Reuters
- Goldman Sachs
- Alexander Forbes
- The Public Service
- Accenture
- Deloitte
- Kuehne + Nagel
- Barclays
- Dedola Global Logistics
- Migrant Resource Centre
- UN Refugee Agency

What career opportunities exist for graduates?

- Journalism
- International trade
- Diplomatic service
- Banking and economic analytics
- Citizenship and migration
- Economic and political policy-making
- Sustainable development

'Choosing to pursue a triple major degree has been both the most challenging and the most rewarding experience of my academic journey. The Bachelor of Arts specialising in Philosophy, Politics and Economics degree stretches your brain and forces you to consider things from multiple angles. We are taught to see the bigger picture and to consider aspects that may otherwise be overlooked. The workload is heavy, but we enjoy the support of devoted lecturers who help, guide and encourage us. Another amazing aspect of this degree is that it gives you clarity and freedom. We are taught a variety of skills, which we can use in any work environment.

I would like to pursue a career in policy analysis at an international level. Using the critical thinking skills acquired through the study of philosophy, the analytical skills used in economics and the theoretical knowledge of international state behaviour as seen in politics, I hope to be able to judge whether and why policies are likely to be effective in particular instances.

What I particularly enjoy about studying Bachelor of Arts specialising in Philosophy, Politics and Economics at UP is that it prepares students for a variety of occupations. With the help of working professionals in different fields, you get a practical sense of how the taught knowledge can be used to effect change in the world.'

Thato Maja – Bachelor of Arts specialising in Philosophy, Politics and Economics

UNDERGRADUATE PROGRAMMES

Bachelor of Social Science specialising in Industrial Sociology and Labour Studies

This programme gives students a deep understanding of work in its broader social, political and economic context. You will learn about management, organisation and labour through the lens of industrial sociology.

The programme also teaches students to think critically about the challenges and changes in today's workplace, especially in South Africa. Topics include:

- How work is organised
- Changes in the South African workplace
- Gender and race issues
- Employment equity
- Productivity and dismissals
- The global economy

All of these are explored in the context of society and the wider world.

Who is the ideal candidate?

The ideal candidate is:

- Interested in society, economics and politics
- Enjoys reading and is motivated to learn independently

What makes this programme unique?

This programme is unique as it brings together knowledge and analysis about the workplace from both the humanities (industrial sociology) and economics and management (business studies, labour law and economics) spheres. This gives graduates a unique strength in both analytical and thinking skills as well as business knowledge.

Structure of programme

Core modules

The core subject is sociology, which includes modules in industrial sociology that are taken up to the final year. Other core modules include labour law, labour relations, economics and business management. A wide range of elective modules is available to support learning and promote an understanding of the programme.

Career opportunities

Career opportunities are available in:

- Labour relations practice
- Arbitration (resolving workplace disputes), conflict management and resolution
- Labour administration and research
- Gender issues and dismissals
- Work in government institutions, parastatals, the private sector and trade union organisations

Which companies employ our graduates?

Graduates find work in a variety of organisations, including:

- Private sector companies in areas such as manufacturing, consulting and hospitality, where they may work in management, human resources, project coordination or client services
- Government departments, supporting policy, administration and programme implementation
- Non-governmental organisations (NGOs), focusing on community development, advocacy and social programmes

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Social Science specialising in Industrial Sociology and Labour Studies [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.

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UNDERGRADUATE PROGRAMMES

Bachelor of Social Science in Heritage and Cultural Sciences*
[Option: Heritage and Cultural Tourism]

This programme focuses on tourism, the world's number one industry and one of the fastest-growing sectors in Africa. It emphasises heritage and cultural tourism, combining strong theoretical knowledge with practical experience to help students understand tourism as a human activity. Students explore topics such as:

- Tourism as a phenomenon
- Heritage tourism management
- Tourism and representation
- Community-based tourism
- The South African tourism product
- Current trends in tourism, including tourism entrepreneurship

Who is the ideal candidate?

The ideal candidate is someone who is:

- Outgoing with many broad interests
- Creative and enthusiastic
- Willing to take initiative

What makes this programme unique?

- It offers a multidisciplinary perspective on tourism and heritage management, covering areas such as entrepreneurship, conservation, business, travel and tour planning, event planning and destination marketing
- In the third year, students can gain accreditation to register as a national culture tourist guide
- During the honours year, students have the opportunity to run UP Campus Tours, a unique simulated tourism business initiative

Structure of programme

Core Modules

All modules in the Heritage and Cultural Tourism discipline are compulsory.

Elective Modules

In addition to heritage and cultural tourism, students have to select one of the following disciplines as their second major: archaeology, anthropology, history, geography, visual culture studies or a language. Specific modules of some of these disciplines are also compulsory.

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

Career opportunities

Graduates can pursue careers in:

- Travel and tourism
- Tourist guiding
- Management and hospitality
- Marketing and journalism
- Government and education
- Museums and heritage fields

Opportunities exist at local, provincial, national and international levels

Which companies employ our graduates?

Graduates are employed throughout the tourism and heritage sectors and have or currently hold positions in local, provincial and international companies.

Government Departments or Agencies:

- South African Heritage Resources Agency (SAHRA)
- The South African National Department of Tourism
- The KwaZulu-Natal Provincial Tourism Department
- The North West Provincial Tourism Department

Tour Operators, Tour Guides and Travel Agencies:

- Drifters (a division of Tourvest)
- Travelstart South Africa
- Booking.com
- Mongena Private Game Lodge

Public sector educators:

- University of Botswana
- University of Lesotho
- Sol Plaatje University

Entrepreneurs:

- Greyspot Consult and Tour Operators
- Sana-Sisaphoko Travel and Tours

Museums and Heritage Sites:

- Mapungubwe World Heritage Site and National Park
- University of Pretoria Museums
- Pioneer Museum

Private sector educators:

- The Academic Institute of Excellence
- Oakfields College
- A'takamul International School

UNDERGRADUATE PROGRAMMES

Bachelor of Social Science in Heritage and Cultural Sciences*
[Option: Heritage and Cultural Tourism] *(continued)*

'I completed my Bachelor of Social Science in Heritage and Cultural Sciences* [Option: Heritage and Cultural Tourism] degree at UP and continued my studies with an Honours qualification in the same field. During this time, I had the privilege of being part of the UP Campus Tours (UPCT) 2023 team, which was an invaluable hands-on experience.

In 2023, I completed one of the UPCT tours as a tour guide, which significantly transformed my life for the better. During this tour, attended by professionals from the industry, I was offered a position in 'incentive travelling', a pivotal moment that has reshaped my career trajectory. I'm now employed at a leading tourism company specialising in large-scale incentive group travel.

UPCT connects students with various networks within the university and beyond, far more than I could ever imagine. My journey with UPCT not only broadened my horizons but also equipped me with essential skills to adapt to the industry. The transferable skills I gained throughout my degree, including teamwork, client communication, and events management provided me with invaluable insights into the meticulous planning of a trip.

I am deeply grateful for the guidance and mentorship provided by UP Campus Tours, particularly by Prof Karen Harris. I am applying everything I learned to fulfil my work tasks with a sense of pride and a focus on quality. You never know: take the tour... get the job of your dreams!'

Marli Rheeder – Bachelor of Social Science in Heritage and Cultural Sciences*

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Social Science in Heritage and Cultural Sciences* [Option: Heritage and Cultural Tourism] [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. * *Possible name change to: Bachelor of Social Science specialising in Heritage and Cultural Tourism*

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UNDERGRADUATE PROGRAMMES

Bachelor of Political Science specialising in International Studies

This programme focuses on international events, how international relations develop, and key happenings in global politics. It also helps students grow as informed citizens of their country and the world.

In a globalising world, international relations cover interactions between governments, international organisations and non-state actors (groups or organisations that influence global affairs without being a government). These interactions include political and military matters, as well as non-political issues with global impact.

The programme explores topics such as peace, security, development and justice, giving students the skills to analyse and explain world politics at national, regional and global levels.

The programme is based on political science and related disciplines, with International Relations as the major subject, which must be taken through to the final year.

The discipline recognises that people may have different perspectives on international relations and encourages students to engage with this diversity.

Who is the ideal candidate?

The ideal candidate is interested in world affairs and the relationships between states and other actors. To excel in this programme, you should be:

- A committed global citizen
- Curious and interested in the world around you
- Motivated to improve relations between states

What makes this programme unique?

- Combines thought-provoking, relevant content with expert lecturers and strong analytical skills
- Degree programmes are recognised by other universities, including those outside South Africa
- Students develop research, communication and data analysis skills, making them highly sought after in both the private and public sectors
- Many students continue their studies abroad, gaining international experience

Which companies employ our graduates?

- National, Provincial and Local Government
- Academic and research organisations
- International organisations and multinational corporations
- Range of private businesses
- Embassies, media offices and political parties

Structure of programme

Core Modules

International Relations is the major subject with other core modules from political science.

Elective Modules

Elective module will supplement your understanding of international politics and hone your own political values and attitudes. You can choose from a range of modules including: philosophy, geography, history, religious studies, sociology, economics and an international language.

Your coursework will incorporate text analysis, simulations, individual and group assignments and case study analysis to help you build your knowledge and expertise.

UNDERGRADUATE PROGRAMMES

Bachelor of Political Science specialising in International Studies *(continued)*

'My academic journey in studying a Bachelor of Political Science specialising in International Studies degree at the University of Pretoria has been incredibly enriching and transformative. I have been continuously inspired and challenged throughout my academic journey, from the moment I began until my graduation in 2022.

Studying Political Science with a focus on International Studies provided me with a comprehensive understanding of global affairs, diplomacy and international relations. The curriculum was meticulously designed to not only impart knowledge but also foster the critical thinking and analytical skills essential for navigating complex geopolitical landscapes. I was particularly drawn to courses that delved into global governance, conflict resolution, and development economics, as they allowed me to explore my interests in depth.

While my undergraduate programme provided me with a solid foundation, pursuing postgraduate studies significantly enhanced my critical thinking abilities. During my honours degree in international relations, I particularly valued the lively class discussions where we exchanged perspectives and welcomed challenges from peers. These interactions broadened my perspectives and refined my ability to articulate my thoughts effectively.

I appreciate that the University of Pretoria has equipped me to explore various career paths within my field and beyond. I am currently pursuing a master's degree in international relations, where I aim to expand my knowledge and skills further. This journey of growth, learning, and exploration aligns perfectly with my aspirations for the future.'

Naledi Sebetlele – Bachelor of Political Science specialising in International Studies

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
POLITICAL SCIENCES	English Home Language or English First Additional Language	APS
Bachelor of Political Science specialising in International Studies [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.

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UNDERGRADUATE PROGRAMMES

Bachelor of Political Science specialising in Political Studies

Politics is a part of human existence, and social interactions inevitably involve political relationships. Politics is essential for a just and humane way of life.

The study of politics helps us understand the dynamics of power and how these directly and indirectly affect the state. This programme will help you understand politics within state borders.

It also develops key analytical skills to explain political events and how politics affects society. Political studies consider a variety of non-political influences that impact politics.

This programme provides a description of political facts, explains how and why politics occurs and explores what should happen in the political world.

Who is the ideal candidate?

The ideal candidate is interested in improving the human condition. Students who excel in this programme are:

- Committed, active citizens
- Motivated to improve their community and society

What makes this programme unique?

- Combines thought-provoking, relevant content with expert lecturers and strong analytical skills
- Degree programmes are recognised by other universities, including those outside South Africa
- Students develop research, communication and data analysis skills, making them highly sought after in both the private and public sectors
- Many students continue their studies abroad, gaining international experience

Structure of programme

Core Modules

Political science is the major subject and has to be taken up to the final year. Other core modules are drawn from international relations.

Elective Modules

The elective modules supplement the understanding of politics.

Options include philosophy, history, religious studies, psychology, sociology and European and African languages. This flexibility allows students to focus on a specific area, such as African studies, security studies, political communication, political policy or political philosophy.

Which companies employ our graduates?

- National, Provincial and Local Government
- Academic and research organisations
- International organisations and multinational corporations
- Range of private businesses
- Media offices and political parties

Career opportunities

Policy analysis and consultation	Political analysis and communication	Political development and mobilisation
Governance	Conflict resolution	Strategic intelligence	Risk analysis

UNDERGRADUATE PROGRAMMES

Bachelor of Political Science specialising in Political Studies *(continued)*

'I chose to pursue a degree in Political Science because of my deep-rooted desire to work with people and make a meaningful change and impact in society. I have always been passionate about understanding the dynamics of power, governance, and policy-making and how these elements impact the lives of individuals and communities. Political Science, alongside my major in anthropology, has provided me with a comprehensive understanding of both the structural and cultural aspects of societal development.

One of my greatest learning experiences during my studies definitely has to be a fieldwork project I had in anthropology, where I engaged directly with diverse individuals. This hands-on experience allowed me to see first-hand the challenges these individuals faced and reinforced my commitment to contribute to positive change through informed, empathetic and impactful work!'

Nombulelo Macozoma – Bachelor of Political Science specialising in Political Studies

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	
POLITICAL SCIENCES	English Home Language or English First Additional Language	APS
Bachelor of Political Science specialising in Political Studies [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Fine Arts

Bachelor of Arts in Fine Arts covers a broad spectrum of professional art practices. The two majors of the degree are the studio-based component of art practice, Fine arts (BKK) and Professional art practice (VIT), and a theoretical subject, Visual culture studies (VKK).

Bachelor of Arts in Fine Arts is a four-year programme that incorporates training in art practice, such as painting, sculpture, printmaking, drawing, new media, photography and art theory.

Once fundamental aspects of these disciplines have been mastered, increasingly challenging goals are set that require inter- and multidisciplinary skills and artistic research.

The role of multimedia through projections and video and digital art is also firmly established in the Fine Arts programme.

Who is the ideal candidate?

The ideal candidate is a highly self-motivated and creative individual who wants to play an active part in shaping and re-making the world in which we live.

What makes this programme unique?

Fine Arts a UP offers a highly focused education in contemporary art catering to our future graduates' diverse, real world needs.

Artists are treated as creative voices who require blended skillsets ranging from research skills to technical expertise in artistic mediums and methods, project management and community engagement.

Structure of programme

Core modules
Two studio practice subjects: Fine arts and Professional art practice, as well as a theory subject, Visual culture studies

Elective modules
A language, psychology, anthropology, philosophy or religion studies

What career opportunities exist for graduates?

- Gallery managers
- Art facilitators and educators
- Art consultants and advisors
- Artists in the fine arts
- Artists in new media
- Artists in applied arts

UNDERGRADUATE PROGRAMMES

Bachelor of Arts in Fine Arts *(continued)*

Which companies employ our graduates?

Graduates typically work for themselves in a variety of entrepreneurial, creative capacities. Dynamic companies specialising in cultural ventures, multimedia content creation and communication typically also employ Fine Arts graduates.

'I am in my final year of studying Bachelor of Arts in Fine Arts at the University of Pretoria (UP). As an international student, UP has been the perfect choice, feeling like a second home while I learn in South Africa.

I believe the School of the Arts: Fine Arts programme provides a memorable learning experience that facilitates growth on a professional level in this field of study. I am grateful to leave university as a well-rounded individual equipped with the relevant skills needed to pursue my artistic career.'

Natasha Kudita
– Bachelor of Arts in Fine Arts

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
VISUAL ARTS	English Home Language or English First Additional Language	APS
Bachelor of Arts in Fine Arts [4 years]	5	**30**

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in July, September and on an ad-hoc basis. Applicants must submit an A4 portfolio, which will be evaluated alongside a UP competency test that includes both practical and theoretical components. Successful applicants must achieve at least 60% in each of the following components:

- Conceptualisation test
- Drawing
- Interview
- A4 Portfolio

Bachelor of Arts in Fine Arts [5 years]	4	**26**

This is a 5-year programme. Admissions take place in July, September and on an ad-hoc basis. Candidates must also complete a UP competency test that assesses practical and theoretical components. Successful applicants must achieve at least 50% in each of the following components:

- Conceptualisation test
- Drawing
- Interview

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UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Visual Studies

We are surrounded by visual images everywhere—on billboards, TV screens, the internet, and in cinemas, magazines, newspapers, fashion, architecture and malls. While we may not actually see more than previous generations (though there is likely more to see), the way we question and interpret what we see has changed.

The Visual Studies programme, with visual culture studies as the main subject, allows students to explore the many exciting forms of visual images encountered every day. The programme aims to develop critical skills by guiding students in the analysis, interpretation, and evaluation of visual culture in both historical and contemporary contexts.

This programme focuses on theoretical aspects of visual culture, so applicants do not need any artistic skills.

Who is the ideal candidate?

The ideal candidate is a problem-solver, interested in persuasive communication, and inspired by the visual world that surrounds them. Students who excel in the programme are self-motivated and passionate about interpreting and understanding digital and social media and art, film and advertising.

Which companies employ our graduates?

Art galleries, brand and marketing agencies, magazine publishers, social media companies

What makes this programme unique?

The programme is presented by academics who are nationally and internationally recognised for their contributions to the debates and developments of visual culture, art history, cultural history and digital humanities. Several of the staff are NRF-rated professors and have been awarded numerous research grants.

The Bachelor of Arts specialising in Visual Studies programme is internationally recognised, and our graduates have been admitted to postgraduate degrees at Columbia University (USA), New York University (USA), Groningen (the Netherlands), University of Toronto (Canada), London School of Economics (UK), and the University of Potsdam (Germany). The Visual Studies department at UP publishes its own online, open-access journal, *Image & Text*. Edited and managed by the Visual Studies staff, the journal is accredited by the South African Department of Higher Education and Training.

Structure of programme

Core module

The core module component of this programme is Visual culture studies.

Elective modules

The elective modules offer a choice between subjects such as anthropology, history, religious studies, drama and film studies, language, heritage and cultural tourism, philosophy, marketing and information science.

‘I aspire to become a curator who harnesses the transformative power of art. My vision is to use art not only as a medium for healing but also as a potent decolonial tool to uplift and empower the black community.

Growing up, I was always a creative and curious individual. I chose to study the Visual Studies programme because it allowed me to explore my passions across a range of subjects, and it was love at first sight. Now, I am on the path to a master’s degree. Although there was pressure to pursue more popular degrees, I realised that following your passion truly leads you to your purpose—and I found mine in art.

Being connected to my creative self has allowed me to see the world from a unique perspective. It has taught me that the visuals we encounter every day can help us understand human nature and make sense of our social, economic and political worlds. Art has shown me that perception and perspective play a pivotal role in society, especially as everything evolves around technology in contemporary times. People often overlook how versatile art can be; it offers possibilities from teaching to corporate roles, including venturing into the branding, marketing and advertising industry through electives like BEM, a marketing management module.’

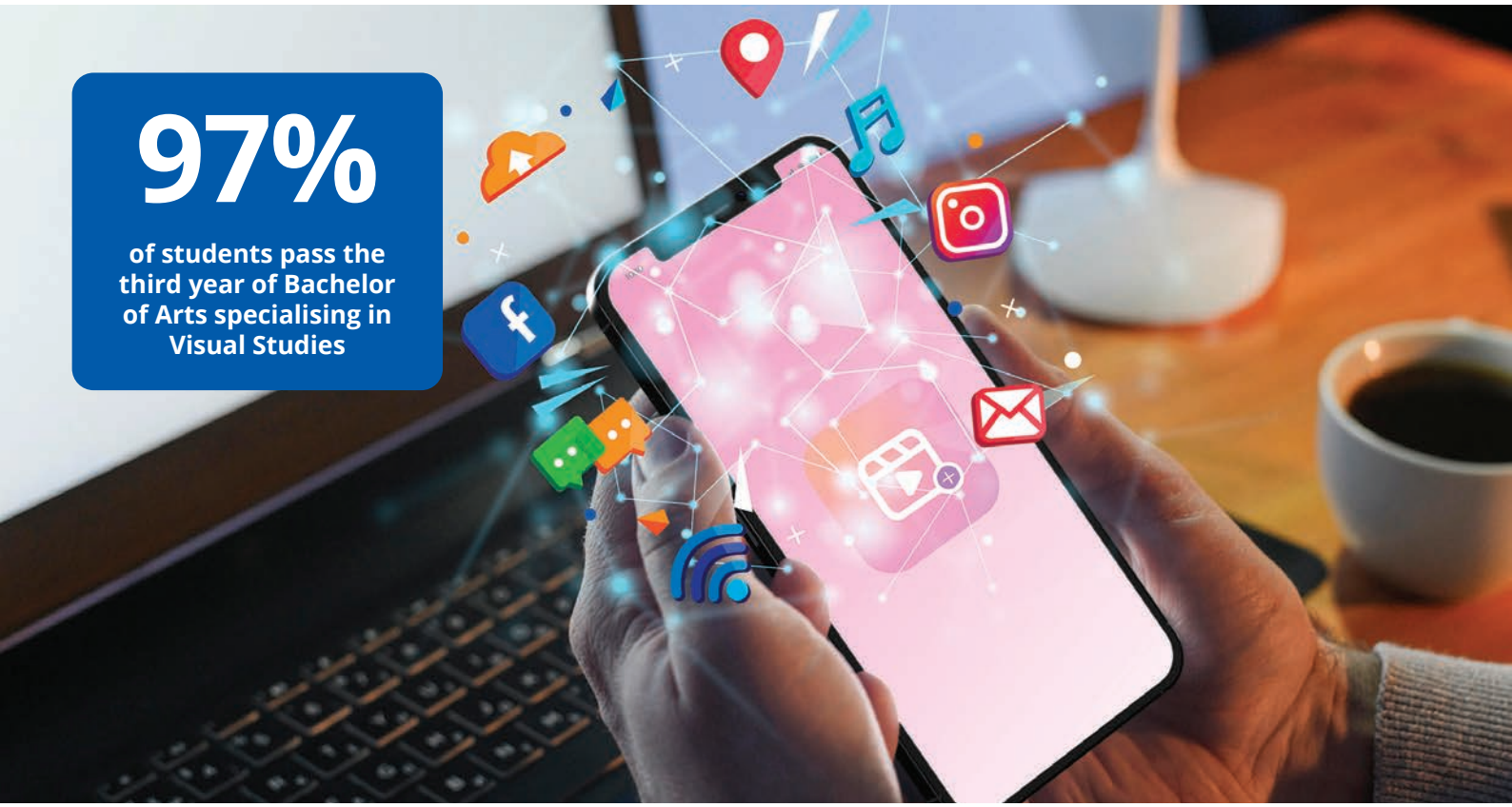
Karabo Moriri – Bachelor of Arts specialising in Visual Studies

UNDERGRADUATE PROGRAMMES

Bachelor of Arts specialising in Visual Studies *(continued)*

What career opportunities exist for graduates?

- Art and film critics
- Visual consultants
- Visual culture specialists
- Media analysts
- Art and culture educators
- Communication analysts
- Academics
- Social media coordinators
- Art historians
- Gallery managers
- Curators



97%

of students pass the third year of Bachelor of Arts specialising in Visual Studies

Application requirements

Programme	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Arts specialising in Visual Studies [3 years]	5	30

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results.

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UNDERGRADUATE PROGRAMMES

Bachelor of Drama

This programme develops students' knowledge, skills and passion for the performing arts. It gives them opportunities to explore the academic, creative, artistic and practical aspects of the discipline.

Students gain hands-on experience by conceiving, directing and participating in a range of media, including theatre, TV, film and radio.

The programme covers the main areas of performance studies, including:
- Physical theatre
- Directing and performance
- Digital and new media studies
- Performing arts management
- Developmental and educational theatre and drama

Beyond skills training, the programme fosters an entrepreneurial mindset and helps students develop abilities such as:
- Strategic, analytical, critical and creative thinking
- Effective communication and teamwork
- Decision-making, planning and organisation
- Problem-solving and information processing
- Leadership and adaptability
- Time management and a strong work ethic

Who is the ideal candidate?

The ideal candidate is:
- Self-driven, hard-working
- Enthusiastic, with a strong awareness of the world around them
- Someone who seeks meaningful ways to use the performing arts to challenge themselves
- Positive-minded and brings impact on society.

What makes this programme unique?

The Bachelor of Drama programme focuses on embodied teaching and learning and a range of performance and creative activities which transfer skills across these domains.

Structure of programme

The programme has the following major focal points:
- Live and Digital Performance Studies (SBT): Covers text analysis and performance, how scenography interacts with the body, foundational voice and movement techniques, digital media studies (including radio and TV presentation) and writing for stage and film.
- Theatre Studies (TNT and TNP): Allows students to integrate creative, conceptual and performance skills by conceiving, staging and performing theatre, film and TV work. TNP introduces basic acting techniques, improvisation, movement and voice approaches, and practical components in digital media, physical theatre, writing for stage and film, TV and radio presenting, stage and camera acting, directing and theatre-making.
- Drama and Film Studies (DFK): Teaches students the languages of drama and film, enabling them to read, interpret and understand the meanings and discourses in drama and film narratives.

Career opportunities

Graduates can pursue careers as:
- Actors (theatre, film, television and radio)
- Physical theatre artists
- Theatre critics
- Radio and television presenters
- Directors and educational theatre practitioners
- Community theatre artists and educators
- Light and sound operators
- Voice artists
- Stage and production managers
- Programme facilitators and managers
- Performing arts administrators
- Documentary filmmakers
- Digital and new media practitioners
- Playwrights, scriptwriters and play devisors
- Film and theatre researchers

Graduates often create their own work and apply their skills across multiple areas, including acting, writing, teaching, presenting and contributing to social justice initiatives.

UNDERGRADUATE PROGRAMMES

Bachelor of Drama *(continued)*

'I completed my Bachelor of Drama at UP in 2024 and am now pursuing my LLB. This new academic direction has been exciting, and I'm grateful to have found another passion at UP. The highlight of my time here has been the people and the vibrant atmosphere. I believe you get out what you put in—UP offers endless opportunities, but it's up to you to take them. The all-round student experience is why I chose to return for my second degree.

When I sustained a serious injury while completing my studies, Access, Disability and Inclusion Services (ADIS) stepped in, granting me extra time for assessments. The staff's understanding ensured I could continue my studies without unnecessary stress.

A standout moment during my Bachelor of Drama studies was coordinating the Drama Student Festival with the faculty while also performing in it. This allowed me to connect with students beyond the Drama Department and feel part of a broader community.

Outside the classroom, I've loved the energy of rugby and soccer matches at LC de Villiers Sports Grounds—moments that capture the unity and spirit of UP. UP is where I've grown, made lasting connections and discovered new passions.'

Marcíano de Oliveira – Bachelor of Drama

'I'm currently completing the BA Hons Drama and Film Studies while working part-time as a research assistant in the Drama Department. I also serve as the transformation officer for House Humanities for the 2024/2025 term.

The highlight of my academic studies has been the physical theatre/movement classes we enjoyed weekly as undergraduates. These classes not only strengthened my performance skills—the very reason I chose this degree—but also created a space where I could form meaningful relationships with my classmates. Growing and creating alongside them has been an honour.

Beyond academics, my student life has been enriched by participating in Student Culture events such as Step It Up and Sing It Acapella. I enjoy Student Culture immensely—it has made my university experience vibrant, creative and unforgettable.'

Larona Chiloane – Bachelor of Drama

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	APS
	English Home Language or English First Additional Language	
Bachelor of Drama [3 years]	5	**30**
Applicants must complete and pass an audition process. To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in August and on an ad-hoc basis.		
Bachelor of Drama [4 years]	4	**26**
This is a 4-year programme. The first year is a foundation year. Applicants who meet the criteria for the 3-year programme must apply for that programme. Applicants must complete and pass an audition process. Admissions take place in August and on an ad-hoc basis.		

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UNDERGRADUATE PROGRAMMES

Bachelor of Music

Students receive instruction in instrumental or vocal music (classical or jazz). Students choose additional elective modules to enhance their music expertise.

In the third year, students select modules to specialise in during their final year. Specialisation options include:

- Composition
- Music education
- Music entrepreneurship
- Music psychology
- Music philosophy
- Pedagogy
- Ethnomusicology
- Chamber music
- Music technology
- Music therapy
- Performance art

Both musicology and music theory cover Western classical, jazz and other popular music styles. Any orchestral instrument, voice, piano, organ, harpsichord, recorder, saxophone or guitar may be chosen as a practical instrument.

Who is the ideal candidate?

The ideal candidate has already attained an advanced level of music skills and is now aiming to develop their specialist music skills and knowledge.

What makes this programme unique?

The School of the Arts: Music offers a broad range of undergraduate and postgraduate degree programmes, covering classical, jazz and African music. We are the only university on the African continent that offers training in music therapy.

Our students are involved in numerous outreach projects and in-service training courses, all designed to bring music, music education, music technology and music therapy to the wider South African population.

Our facilities include two auditoria with exceptional acoustics, three Steinway concert grand pianos, lecture halls across three buildings, a recording studio, individual practice rooms, and dedicated staff with expertise in classical, jazz, instrumental, vocal, choral, African and world music.

Structure of programme

Core modules

- Musicology
- First instrument
- Music theory
- Aural training
- Methodology
- Music education
- Ethnomusicology
- Research methodology (final year)

Elective modules

- Composition
- Music therapy
- Music technology
- Second instrument
- Orchestral and choral conducting
- Chamber music
- Music entrepreneurship
- Music psychology

Which companies employ our graduates?

Graduates find employment in schools, local and international orchestras and early childhood development centres. Many graduates also establish their own private teaching studios.

Career opportunities

- Music teachers and technicians
- Solo and/or chamber music performers
- Orchestral musicians
- Music therapists
- Composers
- Musicologists

UNDERGRADUATE PROGRAMMES

Bachelor of Music *(continued)*

'I completed my Bachelor of Music in 2022 and, driven by my passion for performance, immediately continued to my Master of Music in Performing Art in classical voice and opera studies under the guidance of Prof. Hanli Stapela. Throughout my studies, I've had the privilege of exploring a wide range of vocal repertoire, but the absolute highlight of my academic journey has been my Master of Music in Performing Art recital—a performance that stands as one of my proudest achievements. The programme featured a carefully curated selection of works by Handel, Wolf, Gounod, Debussy and Jake Heggie, each offering unique vocal and interpretative challenges.

Heggie's music, in particular, has captured my interest for its emotional depth and ability to tell powerful stories through song. Performing these works allowed me to explore contrasting styles and connect with audiences on a deeply personal level.

Studying at UP has shaped me holistically, developing not only my artistry and technical skill but also my confidence, perspective and ability to communicate with authenticity—both on and off the stage. It has been a journey of growth, challenge and fulfilment that continues to inspire my passion for performance.'

Brett Hannay – Bachelor of Music

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	Music	English Home Language or English First Additional Language	
Bachelor of Music [4 years]	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**

The School of the Arts: Music selects candidates based on a practical singing or instrument performance of 15 minutes, as well as a theoretical test.

Audition required

- Video of a practical performance (with an achievement of at least 60%): A performance on the candidate's principal instrument. The performance should last about 15 minutes, and the programme must contain three works from different style periods (standard: at least Grade VII, Unisa/Royal Schools/Trinity practical music examinations);
- Online theoretical test (with an achievement of at least 60%): A written test that will assess the candidate's knowledge of elementary harmony (standard: at least Grade V, Unisa/Royal Schools/Trinity theory examinations).

To retain final admission, you must obtain an APS of at least 28 in the Grade 12 final results. Applicants are considered for conditional admission with a minimum APS of 30 based on Grade 11 results. Admissions take place in July, September and on an ad-hoc basis.

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UNDERGRADUATE PROGRAMMES

Bachelor of Music

The Bachelor of Music is a five-year degree. The first year provides foundational support in key areas such as practical musicianship, music theory, musicology, aural training, academic literacy and information management. From the second year onwards, students join the regular four-year Bachelor of Music programme.

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	Music	English Home Language or English First Additional Language	
Bachelor of Music [5 years]	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

This is a 5-year programme. Prospective students will be required to write an assessment.
The School of the Arts: Music selects candidates based on a practical singing or instrument performance of 10 minutes, as well as a theoretical test.
Audition required

- A video recording of a practical performance on the candidate's principal instrument. The performance should last approximately 10 minutes and must include three works from different style periods (Standard: At least Grade V, Unisa / Royal Schools / Trinity practical music examinations).
- Online theory test: This is a written test designed to assess the candidate's knowledge of elementary theoretical principles (Standard: At least Grade III, Unisa / Royal Schools / Trinity theory examinations).

Admissions take place in July, September and on an ad-hoc basis.
If you are admitted to this programme, you may not be considered for any other degree programme within the Faculty, except for the Bachelor of Music degree.
Careers: Music teachers, music technicians, solo and/or chamber music performers, orchestral musicians and composers

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FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:

The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

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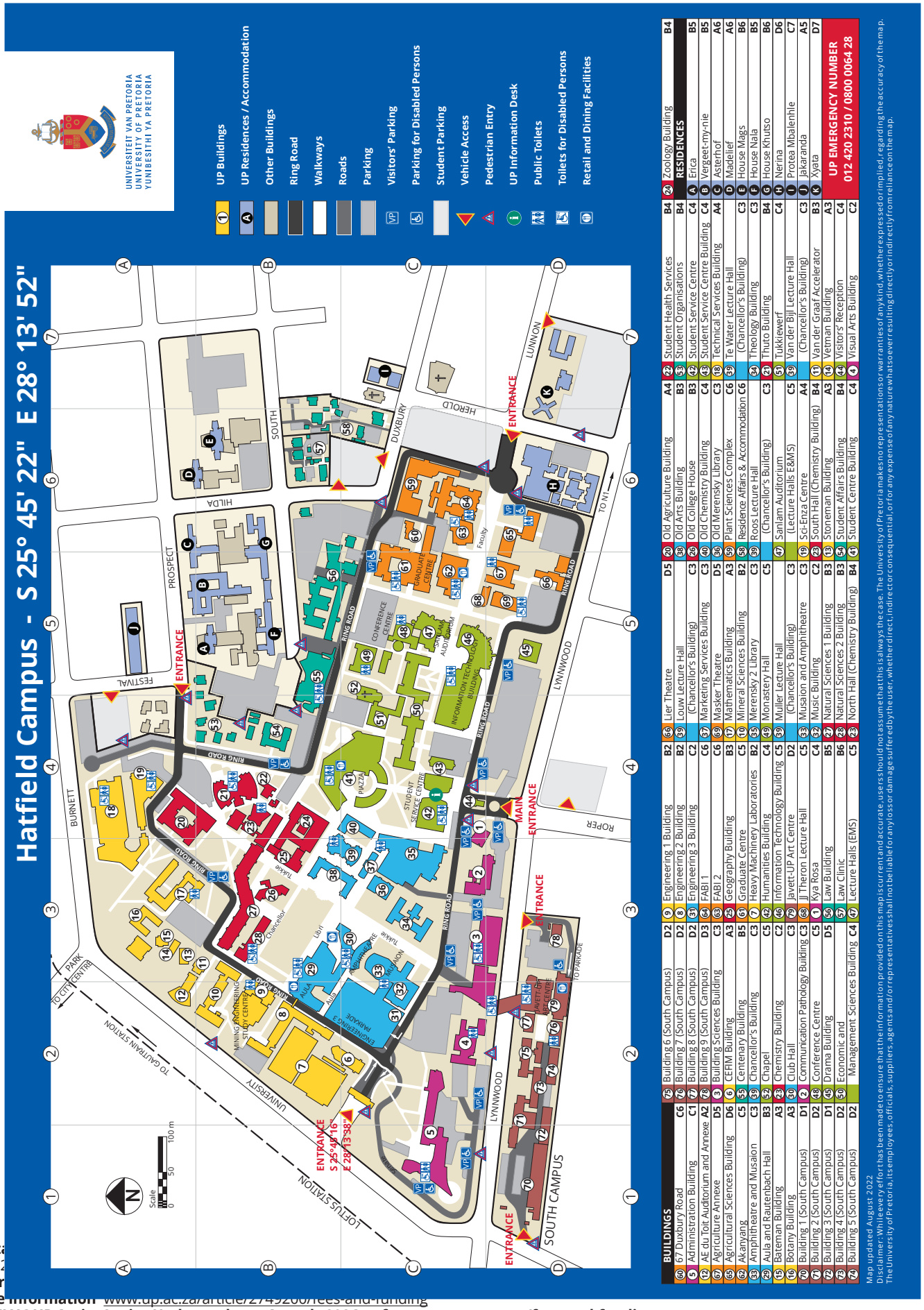
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

HATFIELD CAMPUS MAP



BUILDINGS																											
(60)	67 Duxbury Road	C6	(76)	Building 7 (South Campus)	D2	(8)	Engineering 2 Building	B2	(39)	Louw Lecture Hall	B3	(58)	Old Arts Building	B3	(53)	Student Organisations	B4	RESIDENCES									
(5)	Administration Building	C1	(77)	Building 8 (South Campus)	D2	(31)	Engineering 3 Building	C2		(Chancellor's Building)	C3	(25)	Old College House	B3	(42)	Student Service Centre	C4	(A)	Erica	B5							
(12)	AE du Toit Auditorium and Annexe	A2	(78)	Building 9 (South Campus)	D3	(64)	FABI 1	C6	(37)	Marketing Services Building	C3	(40)	Old Chemistry Building	C4	(43)	Student Service Centre Building	C4	(B)	Vergeet-my-nie	B5							
(67)	Agriculture Annexe	D5	(3)	Building Sciences Building	C3	(65)	FABI 2	C6	(68)	Masker Theatre	D5	(36)	Old Merensky Library	C3	(18)	Technical Services Building	A4	(C)	Asterhof	A6							
(65)	Agricultural Sciences Building	D6	(6)	CEFM Building	A3	(25)	Geography Building	B3	(17)	Mathematics Building	A3	(59)	Plant Sciences Complex	C6	(59)	Te Water Lecture Hall	C3	(D)	Madelief	A6							
(62)	Akanyang	C5	(55)	Centenary Building	B5	(61)	Graduate Centre	C5	(10)	Mineral Sciences Building	B2	(58)	Residence Affairs & Accommodation	C6		(Chancellor's Building)	C3	(E)	House Mags	B6							
(33)	Amphitheatre and Musaion	C3	(39)	Chancellor's Building	C3	(7)	Heavy Machinery Laboratories	B2	(35)	Merensky 2 Library	C3	(39)	Roos Lecture Hall	C3	(F)	House Nala	B5										
(29)	Aula and Rautenbach Hall	B3	(62)	Chapel	C5	(42)	Humanities Building	C4	(49)	Monastery Hall	C5		(Chancellor's Building)	C3	(21)	Thuto Building	B6	(G)	House Khutso	B6							
(15)	Bateman Building	A3	(23)	Chemistry Building	C2	(46)	Information Technology Building	C5	(39)	Muller Lecture Hall		(47)	Sanlam Auditorium	C4	(51)	Tukkiewerf	D6	(H)	Nerina								
(16)	Botany Building	A3	(30)	Club Hall	C3	(79)	Javett-UP Art Centre	D2		(Chancellor's Building)	C3		(Lecture Halls E&MS)	C5	(69)	Van der Bijl Lecture Hall	C7	(I)	Protea Mbalenhle								
(70)	Building 1 (South Campus)	D1	(2)	Communication Pathology Building	C3	(66)	JJ Theron Lecture Hall	C5	(33)	Musaion and Amphitheatre	C3	(19)	Sci-Enza Centre	A4		(Chancellor's Building)	C3	(J)	Jakaranda	A5							
(71)	Building 2 (South Campus)	D2	(48)	Conference Centre	C5	(1)	Kya Rosa	C4	(52)	Music Building	C2	(23)	South Hall (Chemistry Building)	B4	(11)	Van der Graaf Accelerator	B3	(K)	Xyata	D7							
(72)	Building 3 (South Campus)	D1	(45)	Drama Building	D5	(56)	Law Building	B5	(27)	Natural Sciences 1 Building	B3	(13)	Stoneman Building	A3	(14)	Vetman Building	A3										
(73)	Building 4 (South Campus)	D2	(50)	Economic and		(57)	Law Clinic	B6	(28)	Natural Sciences 2 Building	B3	(54)	Student Affairs Building	B4	(44)	Visitors' Reception	C4										
(74)	Building 5 (South Campus)	D2		Management Sciences Building	C4	(47)	Lecture Halls (EMS)	C5	(24)	North Hall (Chemistry Building)	B4	(41)	Student Centre Building	C4	(4)	Visual Arts Building	C2										

UP EMERGENCY NUMBER
012 420 2310 / 0800 0064 28

Map updated August 2022
Disclaimer: While every effort has been made to ensure that the information provided on this map is current and accurate, users should not assume that this is always the case. The University of Pretoria makes no representations or warranties of any kind, whether expressed or implied, regarding the accuracy of the map. The University of Pretoria, its employees, officials, suppliers, agents and/or representatives shall not be liable for any loss or damage suffered by the user, whether direct, indirect or consequential, or for any expense of any nature whatsoever resulting directly or indirectly from reliance on the map.

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Tel +2
Awar
More information www.up.ac.za/article/2749260/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

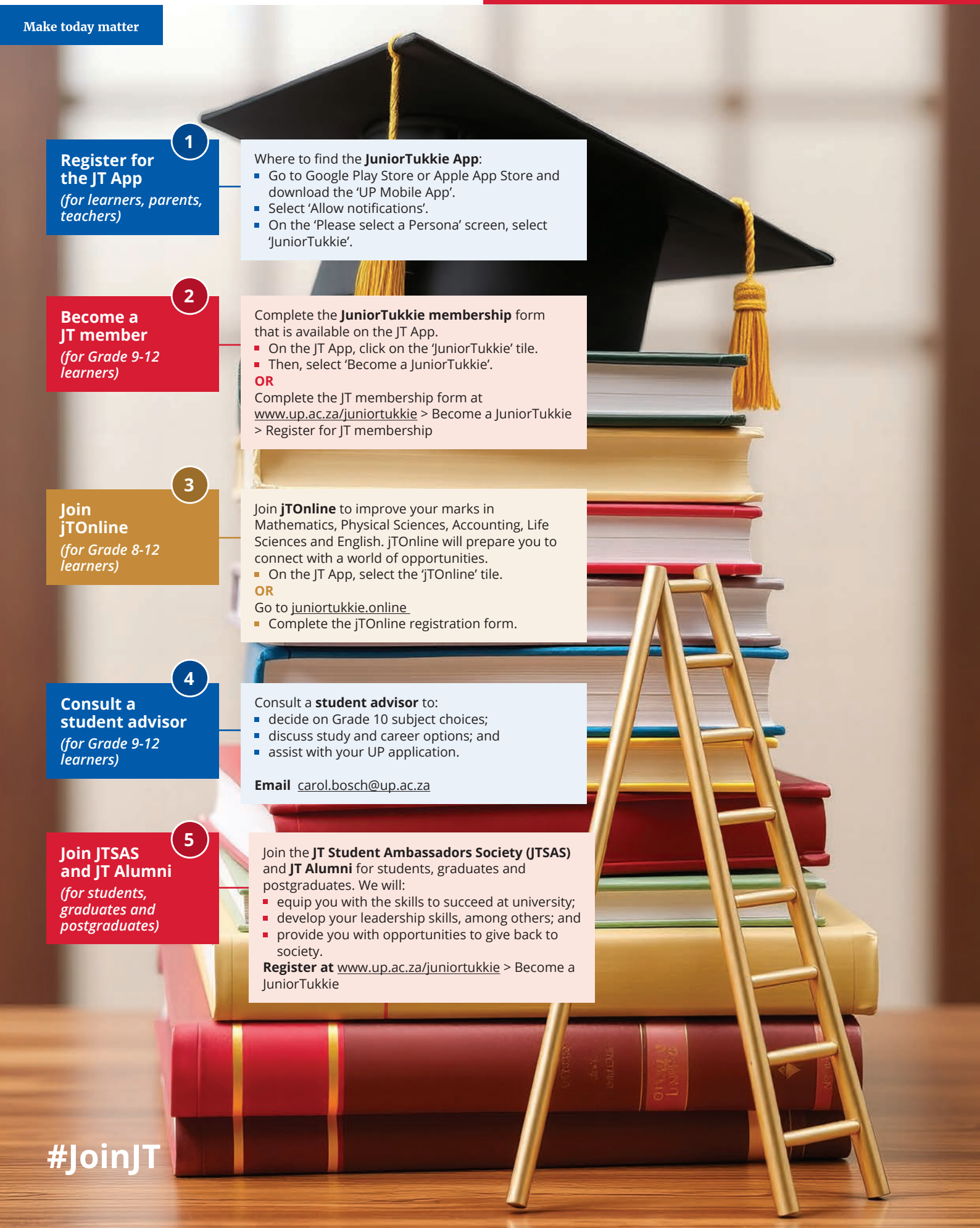
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

JT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Humanities

Fakulteit Geesteswetenskappe
Lefapha la Bomotho

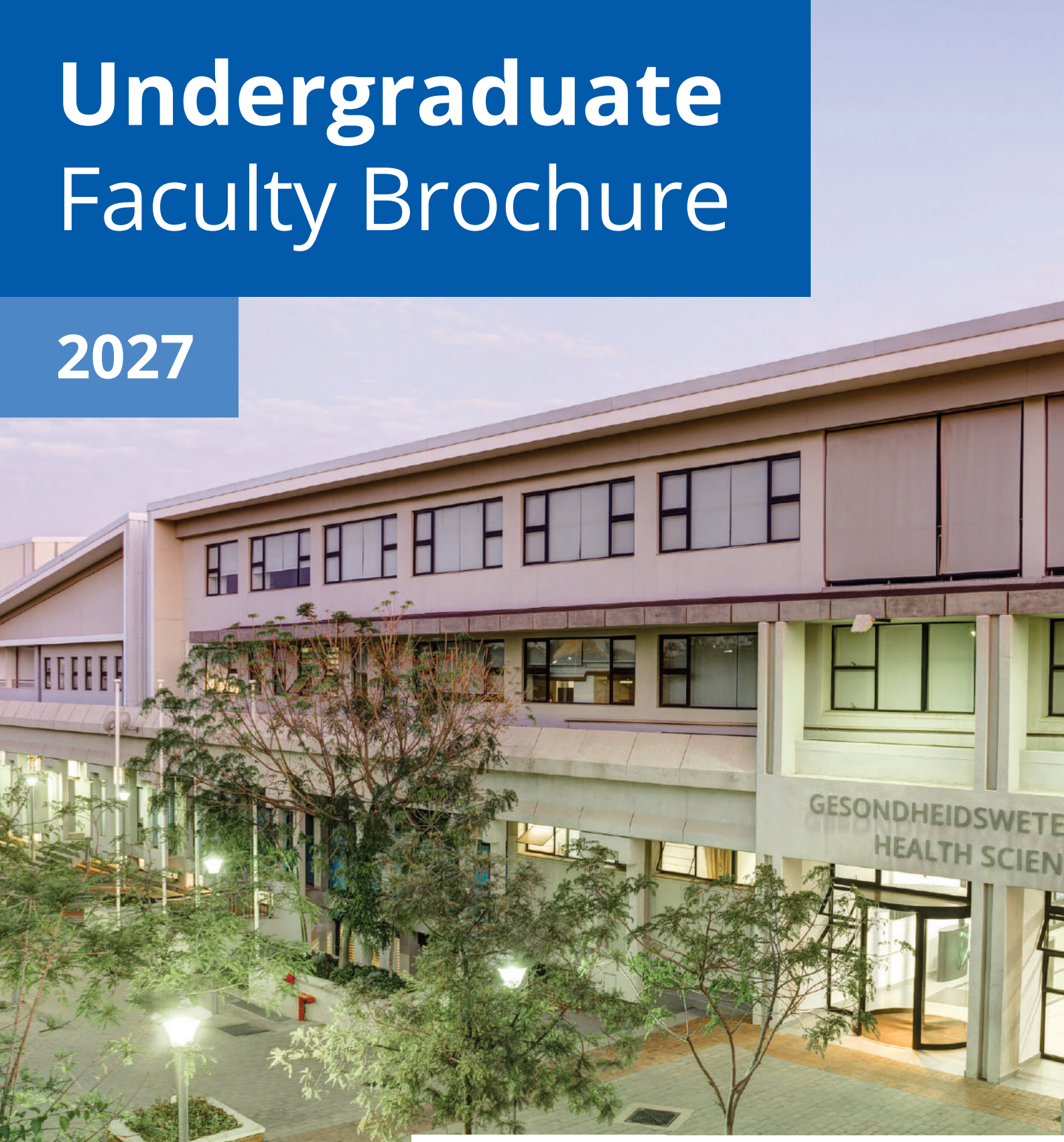
University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

Make today matter

www.up.ac.za

Undergraduate Faculty Brochure

2027



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Health Sciences

Fakulteit Gesondheidswetenskappe
Lefapha la Disaense tša Maphelo

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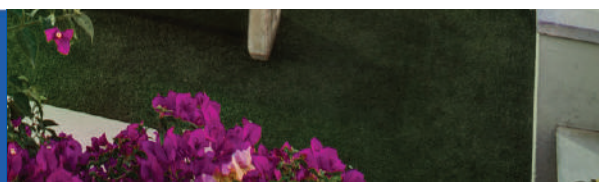

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Health Sciences

Prof Flavia Senkubuge, Dean: Faculty of Health Sciences, University of Pretoria

Welcome to the University of Pretoria's Faculty of Health Sciences: a place where excellence meets purpose, and where your journey toward transforming health and humanity truly begins.

Choosing a university is one of the most significant decisions of your life as it is more than selecting a place of study. It is the beginning of discovering who you are, what you can become, and how you will shape the world around you. Here at UP, we believe that education in the health sciences extends far beyond lectures and laboratories; it is an invitation to develop intellect, empathy, and leadership in service of society.

The Faculty of Health Sciences is recognised as one of the largest, most diverse, and most esteemed faculties of its kind in Africa. Located on our state-of-the-art Prinshof Campus, our students have access to world-class simulation facilities, pioneering research institutes, and South Africa's leading teaching hospitals. This academic environment is enriched by internationally accredited programmes, dynamic learning innovations, and a strong culture of mentorship expertly designed to prepare you for success locally, regionally, and globally.

At the University of Pretoria, we do more than teach health sciences, we cultivate leaders who think critically, act ethically, and serve with compassion.

Whether your ambition is to become a medical doctor, dentist, nurse, physiotherapist, radiographer, occupational therapist, dietitian, sport scientist, or clinical associate. You will find a home here, one that challenges you to excel and empowers you to make a tangible difference.

Our students belong to a vibrant, interdisciplinary community united by a common goal: to create a healthier, more equitable world. Through our hybrid model of teaching, community engagement, and service-learning, you will not only master your discipline. You will learn to apply your knowledge in real contexts within clinics, hospitals, and communities where your impact will be both immediate and lasting.

We understand that the path to becoming a health professional demands dedication and resilience. That is why our Faculty is committed to providing the highest levels of academic support, wellness resources, and mentorship, ensuring that every student can thrive, graduate on time, and enter the world ready to lead with confidence and compassion.

Here at the University of Pretoria, your future in the health sciences begins with a single, powerful step that is grounded in excellence, humanity, and the spirit of Ubuntu.

Start here. Start now. Make today matter.

CONTENT

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Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Health Sciences

AT A GLANCE

Comprises 4 schools:

School of Dentistry, School of Medicine, School of Healthcare Sciences and the School of Health Systems and Public Health (postgraduate)

The Faculty of Health Sciences offers:

10	174	43
undergraduate programmes	postgraduate programmes	specialised academic departments

Top 312
globally for Life Sciences and Medicine

Top 301-400
globally for Human Biological Sciences

Top 351-400
globally for Biological Sciences

Home to **52 NRF-rated researchers** and **6 research chairs**

Hosts 5 research institutes:

- Institute for Cellular and Molecular Medicine (ICMM);
- UP Institute for Sustainable Malaria Control (UP ISMC);
- Sport, Exercise, Medicine and Lifestyle Institute (SEMLI);
- Pan African Cancer Research Institute (PACRI); and
- Nuclear Medicine Research Institute (NuMeRI)

Includes 2 research units:

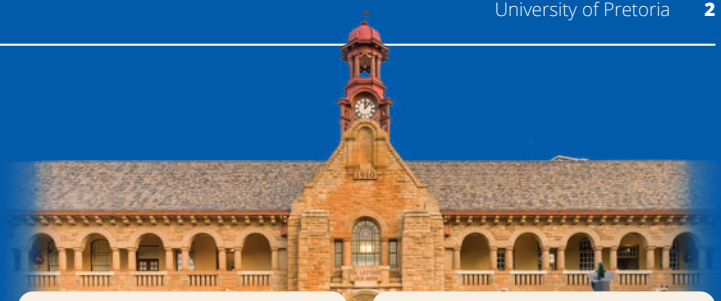
- Environmental Chemical Pollution and Health Research Unit; and
- Community-orientated Primary Care Research Unit (UP COPC)

Research Centres

- Centre for Development and Implementation of Point-of-Care Diagnostics (CPOC-Dx)
- The Africa Centre For Tobacco Industry Monitoring and Policy Research
- Brain Tumor and Translational Neurosciences Centre
- Centre for Emerging and Reemerging Arbo and Respiratory Viruses (CEARV)
- Centre for Ethics and Philosophy of Health Sciences (CEPHS)
- Centre for Neuroendocrinology (CNE)
- Forensic Anthropology Research Centre (FARC)
- Centre for Viral Zoonoses (UP CVZ)
- UP Research Centre for Maternal, Fetal, Newborn and Child Health Care Strategies
- Diabetes Research Centre (DiabetesCentre@UP)
- Tuberculosis Research Centre (TRC)

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

1. The Faculty of Health Sciences admits students who have the marks and subjects that show they are likely to succeed.
2. To make sure students from different backgrounds are fairly represented, places are reserved in certain categories. Selection happens separately in these categories, as explained in this document.
3. For selection in the Faculty of Health Sciences:
   - The Designated Group category includes South African applicants who are Black African or Coloured.
   - The Open category includes all applicants. Applicants from the Designated Group first compete in the Open category. If they are not selected there, they are then considered in the Designated Group category.
4. Each programme has a set number of places for every category. If there are not enough qualifying applicants in a category, the Selection Committee may leave some places open or give them to qualifying applicants from another category.
5. A small number of places are available for applicants who are citizens of other countries. Applicants from SADC countries are given preference. Permanent residents of South Africa are not seen as foreign students. Applications from foreign applicants may also be considered if they are:
   - citizens or permanent residents of countries that have government agreements with South Africa, or
   - asylum seekers or refugees.
6. Applicants from countries that already have their own medical schools cannot apply for the MBChB (Bachelor of Medicine and Surgery) degree.
7. Applicants who have more than one citizenship, including South African citizenship, will be considered South African.
8. The final number of new students accepted each year depends on the available teaching facilities and resources, as well as the number of students repeating first-year modules.
9. Only applicants who meet the requirements in this document will be considered. Meeting the minimum requirements does not guarantee admission, as there are only a limited number of spaces.
10. Selection is based on merit. The Faculty does not set fixed cut-off points. These cut-off points depend on how many students apply in each category compared to the number of available places.
11. A Merit Point Score (MPS) is used to rank applicants in all programmes. In some programmes, other factors, such as living in a rural area, may also be considered.
12. Some programmes only consider first-choice applicants. Programmes that allow second-choice applicants will specify this.
13. The top candidates are selected conditionally, often more than the allocated number of places, based on past experience of how many students usually accept.
14. All offers are conditional until the final exam results are received. For school-leaver applicants, the conditional place will remain valid if the final NSC (or equivalent) MPS is not more than five points lower than the Grade 11 MPS.
15. Once final NSC (or equivalent) results are available, conditional offers will be confirmed if the applicant still meets the required criteria. Applicants who met the minimum requirements but were not conditionally selected, or those who lost their place because their MPS dropped by more than five points, will have their MPS recalculated using their final results. If spaces open up, offers may be made to them.
16. If places become available due to cancellations or forfeited offers, they will be filled from the recalculated list for that category.
17. This recalculated list will remain active until the end of the second week of lectures.
18. Applicants who did not receive a conditional offer and whose names are not on the recalculated list will not be considered again once the final NSC (or equivalent) results are out.
19. All successful applicants are admitted to the first year of study only. Students in the University Experience categories may apply for credit for modules they have already completed.
20. Incomplete applications will not be considered.
21. If an applicant leaves out important information on purpose, or gives false information, their application, admission or registration may be cancelled immediately.
22. If a student is offered a place but does not accept it, the offer becomes invalid. They must reapply to be considered again the following year.

University of Pretoria website www.up.ac.za/health

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE) and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

ABOUT THE FACULTY OF HEALTH SCIENCES

The Faculty of Health Sciences at the University of Pretoria is an international role player focusing on healthcare in Africa. Its vision is to maintain health standards through quality education, research and community service. Since its founding, the Faculty has grown into one of the largest health training institutions in the country, with more than 6,000 undergraduate and postgraduate students.

The lecturers and personnel of the Faculty provide appropriate professional undergraduate training for doctors, clinical associates, dentists, oral hygienists, dieticians, nurses, occupational therapists, physiotherapists, radiographers and sports scientists, as well as various postgraduate qualifications. The curricula are regularly updated in accordance with global and local changes in health education methodology.

Community-based education is an important and integral part of all the programmes. The Faculty ensures that students are trained to work in multidisciplinary teams at tertiary and secondary health facilities. By also exposing students to primary healthcare in the rural and historically disadvantaged areas of South Africa, the Faculty of Health Sciences equips its students with the necessary knowledge, professional attitudes and skills to bring hope and a better quality of life to diverse communities.

Clinical training takes place in hospitals, clinics and community settings. While there are some risks due to possible exposure to infection and crime, the University has introduced measures and clear instructions to protect students.

Students joining this Faculty become part of a new generation of health professionals. The outcomes-based, problem-oriented training offers a unique approach to patient care and healthcare practice.

In order to participate in practical clinical training, students may have to register with the appropriate professional body, either the Health Professions Council of South Africa (HPCSA) or the South African Nursing Council (SANC). These governing bodies have specific requirements in respect of academic knowledge and clinical experience and standards that must be adhered to. Once students have graduated and obtained their degrees, they will re-register to achieve professional status and the right to practise in the field.

Note: Students must arrange and cover the cost of their own immunisations.

University experience

Applicants who are studying towards, or have completed a tertiary qualification must meet specific subject and performance requirements. They must hold an NSC (National Senior Certificate) or an equivalent qualification for degree studies, or a full exemption certificate and must have achieved at least:

- Level 4 (or Level 5 if required, or 50% HG for exams prior to 2009) in Mathematics and Physical Sciences (or Life Sciences, if required).

If these subjects were not completed in the final NSC/IEB exams, equivalent subjects (Physics, Chemistry and Mathematics) must be taken at the tertiary level. University students do not need to submit a non-academic performance record or CV. Selection is based on results from previous higher education qualifications.

Completion of a three-year diploma or certificate is not considered university experience. Applicants with these qualifications will be treated as school-leavers, and admission will be based on their final NSC/IEB results.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Dentistry				
Bachelor of Dental Surgery [5 years]	5	6	5	**35**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 15 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Dentists, specialists, academics and researchers				
Bachelor of Oral Hygiene [3 years]	4	4	4	**25**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 17 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Career:** Oral hygienists				
School of Healthcare Sciences				
Bachelor of Dietetics [4 years]	4	4	4	**28**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 21 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Dieticians, academics and researchers				
Bachelor of Nursing Science [4 years]	4	4	Life Sciences (not Physical Sciences) 4	**28**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 28 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** General nursing and midwifery				
Bachelor of Occupational Therapy [4 years]	4	4	4	**30**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 19 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Occupational therapists, academics and researchers				
Bachelor of Physiotherapy [4 years]	4	4	4	**30**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 24 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Physiotherapists, academics and researchers				
Bachelor of Radiography in Diagnostics [4 years]	4	4	4	**30**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 26 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Radiographers, academics and researchers				
School of Medicine				
Bachelor of Clinical Medical Practice Also referred to as BCMP [3 years]	4	4	Physical Sciences or Life Sciences 4	**28**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 11 for more information.				
Selection is based on a candidates' final Grade 11 examination results and the Biographical Information Form. **Careers:** Clinical associates, academics and researchers				
Bachelor of Medicine and Surgery Also referred to as MBChB [6 years]	5	6	5	**35**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 7 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** General medical practitioners, specialists (after postgraduate training)				
Bachelor of Sports Science [3 years]	4	4	Physical Sciences or Life Sciences 4	**30**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za. Refer to page 13 for more information.				
Selection is based on a candidates' final Grade 11 examination results. **Careers:** Sports scientists, biokineticists, personal trainers, strength and conditioning specialists, fitness instructors, exercise scientists, gym managers/owners, academics and researchers. Students must complete a Bachelor of Science Honours in Sport Science or Biokinetics to qualify as sports scientists or biokineticists respectively.				

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 undergraduate programmes table in the Natural and Agricultural Sciences Faculty brochure.
Bachelor of Arts in Audiology **Bachelor of Arts in Speech-Language Pathology**	These two programmes are presented by the Faculty of Humanities. For the admission requirements, please refer to the undergraduate programmes table in the Faculty of Humanities brochure.

SCHOOL OF MEDICINE

Bachelor of Medicine and Surgery

Also referred to as MBChB

Selection

- Each year, 300 first-year students are chosen for the Bachelor of Medicine and Surgery [MBChB] programme.
- Applications are considered from both first-choice and second-choice applicants.
- The University accepts applications from both school leavers and students who have already studied at another university or college.
- Meeting the minimum admission requirements does not guarantee admission.
- Conditional offers are based on your final Grade 11 results.
- To keep your conditional offer, you must:
  - Maintain your Grade 11 average in your final school exams, and
  - Ensure your MPS (Merit Point Score) does not drop by more than 5 points.
- Selection is made according to a merit list, in two categories:
  - Open category: All applicants compete here first. If unsuccessful, applicants from the Designated Group are considered in the next category.
  - Designated Group category: This includes South African Black or South African Coloured candidates.

Who is the ideal candidate?

Studying medicine is more than just choosing a career—it's about answering a calling to help people. Medical practitioners work hard, face tough situations and are held to the highest ethical standards.

The ideal candidate is someone who is disciplined and committed to their studies, a problem solver and critical thinker, compassionate and cares about others, socially responsible and ready to make a difference in their community, and culturally aware, with respect for people from all walks of life.

What does the programme entail?

To register as a medical practitioner, students must first complete a Bachelor of Medicine and Surgery [MBChB] degree, followed by a two-year internship and one year of community service.

The programme focuses on patient care—restoring health, preventing the spread of diseases/infections and promoting healthy lifestyles within communities.

- **Community engagement:** The curriculum is designed so that students learn through service delivery. This means you will take part in outreach programmes that provide healthcare services to the wider community. From your undergraduate years, you will already be involved in these initiatives. For example, the Daspoort Clinic in Pretoria is one of the training sites where students gain hands-on experience.
- **Research:** Advances in medical science are driven by ongoing research across different areas of specialisation. That is why both undergraduate and postgraduate students are trained in a research environment. This approach encourages inquiry-based learning and equips you with the skills needed to carry out research.

SCHOOL OF MEDICINE

Bachelor of Medicine and Surgery *(continued)*

What makes this programme unique?

The University of Pretoria offers a problem-oriented, outcomes-based training programme that meets international standards. It is accredited by the Health Professions Council of South Africa (HPCSA), and its high quality is recognised both locally and abroad. The School of Medicine also has exchange agreements with similar faculties at universities overseas to support academic and research collaboration.

Structure of the programme

- **Year 1 to the middle of year 5:** Students receive theoretical, practical and clinical training in the medical disciplines.
- **Second half of year 5 and year 6:** Students complete an 18-month student intern complex (SIC) focused on patient care, with clinical training in hospitals and clinics. After graduation, students are required to complete two years of supervised internship at accredited hospitals across the country, followed by one year of compulsory community service. These three years are not part of the university training.

Career opportunities

The Bachelor of Medicine and Surgery degree allows graduates to register as medical practitioners once they have completed their internship (two years) and community service (one year). After that, they may practise as general practitioners (medical doctors) in hospitals or private general practice, carry out research and/or teach undergraduates. Students can pursue careers in the South African National Defence Force (SANDF), research institutes, pharmaceutical companies or old age homes.

Further postgraduate study is required to become a specialist. Specialists can work in hospitals and/or private practices or follow a career in academic medicine. This involves clinical practice, teaching and research.

Areas of specialisation: Anaesthesiology, cardiology, clinical radiology, neurology, ophthalmology, pathology, psychiatry and surgery.

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Medicine				
Bachelor of Medicine and Surgery [6 years]	5	6	5	**35**

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.
Careers: General medical practitioners, specialists (after postgraduate training)

SCHOOL OF MEDICINE

Bachelor of Medicine and Surgery *(continued)*

'Looking back at the beginning of my journey with the University of Pretoria, it takes me to the end of my Matric year when I returned from proudly representing South Africa at the 2019 Commonwealth Lifesaving Championships. At that time, I was riding high on my achievement, but the weight of university acceptance loomed over me with the impending announcement of my results the following year. Much was riding on those marks, and uncertainty filled my mind. However, just when I thought my luck was running out, an email arrived from the University of Pretoria that changed everything. I was ecstatic to learn that I had been awarded the Vice-Chancellor's Discretionary Merit Award, which not only relieved my concerns but also empowered me to pursue my lifelong aspiration of saving lives and becoming a remarkable doctor.

During my time at UP, I have soared to new heights. The Faculty of Health Sciences has provided me with an exceptional education, equipping me with practical knowledge that I believe is unparalleled in the country. As a tutor in our hands-on skills lab, I have acquired the fundamental skills every doctor needs to excel in the real world. Additionally, my involvement in the Tuks Student Surgical Society has allowed me to participate in workshops and contribute to their organisation, serving as a stepping stone not only for me but also for many others aspiring to become future surgeons. One of the most fulfilling aspects of the Bachelor of Medicine and Surgery curriculum for me has been the invaluable time spent in hospitals, where I have gained hands-on experience working with patients and learned to approach them with sincerity and compassion.

Just when I thought the roller coaster ride was coming to an end, an extraordinary opportunity knocked on my door. I was granted a once-in-a-lifetime chance to embark on a practical elective in Tromsø, Norway, where I had the privilege of learning from doctors in a first-world country. Experiencing the ethereal beauty of the Northern Lights and making my first snow angel are memories that will forever hold a special place in my heart, and I am eternally grateful to the University for making it possible.

Katie Ledecky, Olympic Gold medalist, once said, "Set goals that, when you set them, you think they're impossible." Today, I stand as a living testament to the truth of those words. Through hard work and unwavering determination, I have achieved a dream I never thought possible—I represented my country at the 2023 Commonwealth Lifesaving Championships in Windsor, Canada. The guidance and support of TuksLifesaving and the University of Pretoria have armed me with the skills, knowledge and expertise necessary to realise and surpass my dreams. I will forever be grateful that I chose UP, as they have helped me spread my wings and soar to greater heights.'

Kian du Toit – Bachelor of Medicine and Surgery

'It has always been my childhood dream to become a doctor, and the decision to study at UP has been the best one for me personally. I have had to push myself academically to keep up with rigorous standards, and I have grown to become an empathetic clinician by observing the bedside manner of senior doctors.

Being in healthcare comes with unique challenges, and I have learned to balance patient care while prioritising my own mental health. UP has so many societies and clubs to offer, and participation in these allowed me to hone invaluable leadership skills. Moreover, the relationships I've built are truly lifelong and cherished. Merely using the word "friendship" does not do justice to describe the strength of the bonds I've made. After six years of studying, I can say that UP has given me the confidence to practice as a humane and competent doctor.'

Mayuri Ramnarain – Bachelor of Medicine and Surgery

SCHOOL OF MEDICINE

Bachelor of Medicine and Surgery *(continued)*

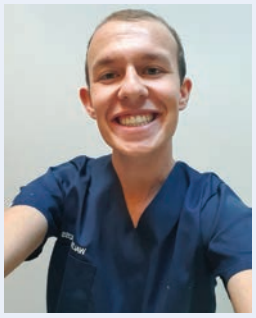
'My journey to medicine was quite unusual, to say the least! I started at a different university but had to stop due to unexpected life circumstances. I had to decide: should I try again, knowing I'd have to take the BSc route without guarantees, or switch careers entirely? Fortunately, medicine won. It was hard and took work and dedication, but I was committed to it, and the character required to do so was built throughout my BSc degree.

I'll never forget one final-semester test: in the exam hall, without my phone, I heard that a girl in front of me had been accepted into medicine. It was the most nerve-wracking exam I'd ever written but straight afterwards, I checked my portal. I nearly fell to my knees—I'd been accepted too.

Medicine at UP has developed my character, and as a person exponentially so. You are challenged and stretched but, if you immerse yourself in the process, you'll come out of it being so much more than just a confident doctor. You'll become a person of empathy, integrity and grit, a professional you and I would like to be treated by.

You'll get thrown curveballs in this degree. The Covid-19 pandemic was just one of them. But you'll learn how to work through it the UP way. Don't be discouraged, reach out to the many members of staff and students, and you will find help and support. UP prepares you for the working world and life outside the academic bubble.'

Connie Felicitas Kabere Kirunda – Bachelor of Medicine and Surgery



'To be a medical student at the University of Pretoria has been a transformative experience, which allowed me to grow both personally and professionally. From the moment I embarked on this journey straight out of high school, I knew I was stepping into a world that would shape me into the doctor I aspired to be. Over the past six years, I have encountered numerous opportunities, forged lasting friendships, honed my leadership skills, and gained a wealth of knowledge under the guidance of exceptional professors, doctors and lecturers.

One of the significant aspects of my medical education has been my role as the class representative for the past six years. This responsibility has provided me with invaluable opportunities to develop my leadership skills. Engaging with a multicultural student body has enabled me to appreciate different perspectives, cultures and backgrounds. Interacting with individuals from various walks of life has heightened my cultural competence, fostering an inclusive and compassionate approach to patient care and forging friendships that will last a lifetime. These friends were there through countless late nights of studying and kept me sane during the rigorous curriculum at the University of Pretoria. UP's curriculum has equipped me with a solid foundation in medical knowledge, emphasising evidence-based medicine, critical thinking and problem-solving skills.

As I approach the end of my medical journey at the University of Pretoria, I reflect on the incredible growth and development I have experienced throughout these transformative years. From a passionate high school graduate to a confident and empathetic medical student, this institution has provided me with the necessary tools to embark on a fulfilling career in medicine.

The friendships I have made, the leadership skills I have cultivated, and the knowledge I have acquired will undoubtedly shape the kind of doctor I aspire to be—an advocate for patient well-being, a lifelong learner and a compassionate healthcare provider. I am grateful for the invaluable experiences and opportunities the University of Pretoria has offered me, and I eagerly anticipate the next phase of my journey in serving others through the practice of medicine.'

Walther Ross – Bachelor of Medicine and Surgery

SCHOOL OF MEDICINE

Bachelor of Clinical Medical Practice

Also referred to as BCMP

A clinical associate is a trained healthcare professional who plays an important role in South Africa's district health system. They work under the supervision of doctors and are involved in a range of medical activities, including taking medical histories, examining patients, ordering diagnostic tests, providing treatments and delivering other healthcare services, based on their education, training and experience.

Who is the ideal candidate?

The ideal candidate is a self-directed learner who is passionate about helping people in under-serviced communities. Students who are disciplined and hardworking are most likely to succeed.

What does the programme entail?

The Bachelor of Clinical Medical Practice [BCMP] is a three-year, full-time programme. It focuses on practical, patient-oriented learning, with training taking place in the health services across four South African provinces.

In the first year, clinical associate students focus on clinical theory and practice on Prinshof Campus. They learn how to take detailed medical histories, conduct thorough physical examinations and reach possible diagnoses.

In the remaining two years, students gain hands-on clinical experience at assigned clinical sites. Each group is assigned a mentor (Family Physician) who guides them through practical training and supports their learning of the theoretical knowledge required to become a healthcare professional.

What makes this programme unique?

The Bachelor of Clinical Medical Practice [BCMP] stands out because of its early patient contact and hands-on practical training in the health service. The programme is also accredited by the Health Professions Council of South Africa (HPCSA).

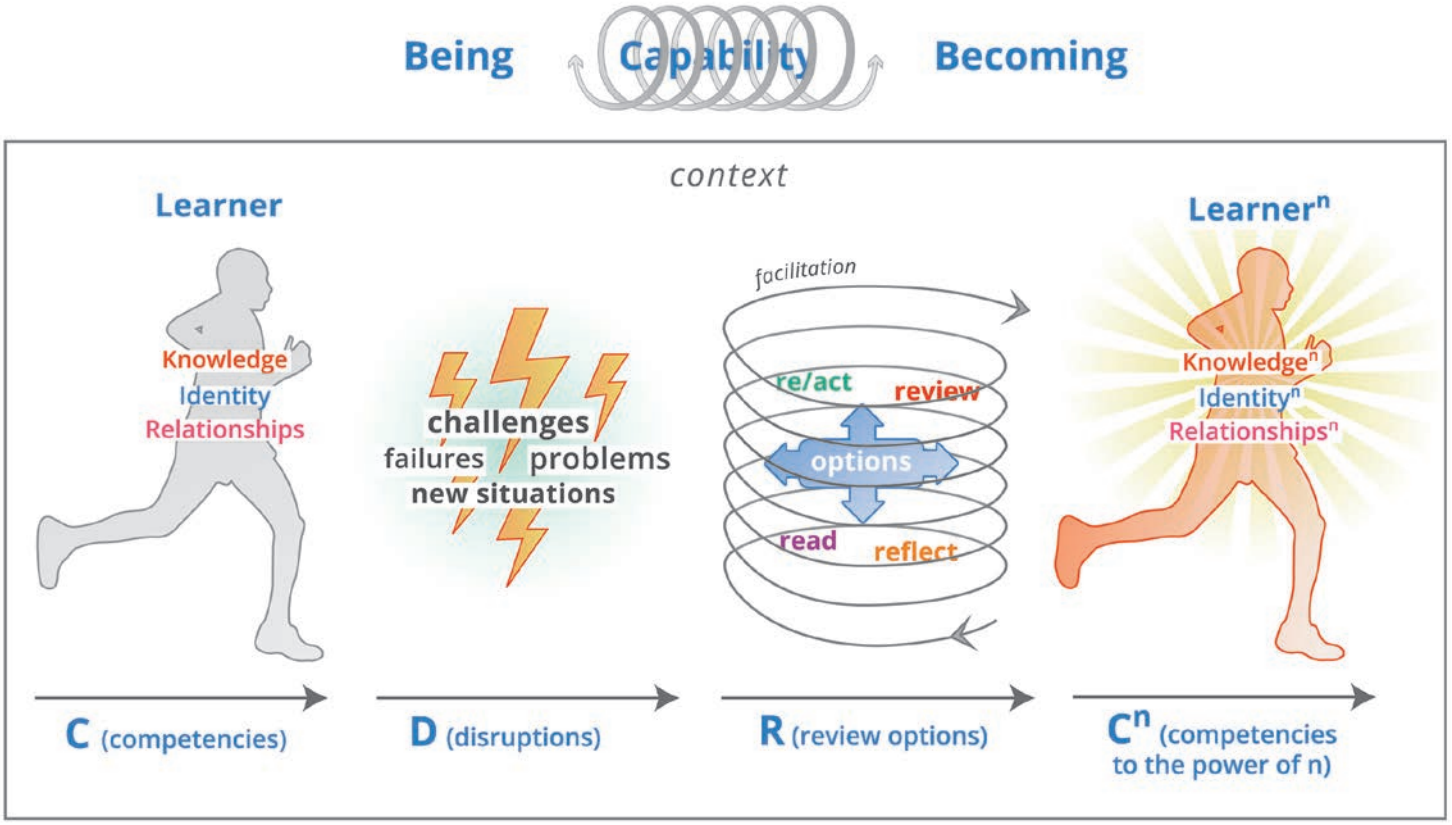
Career opportunities

Clinical associates work mainly in primary healthcare, including community healthcare programmes, clinics, private practices and hospitals. They also have opportunities for postgraduate studies, such as:

- Honours in Emergency Medicine
- Postgraduate Diploma in Public Health
- Postgraduate Diploma in HIV/AIDS Management
- Postgraduate Diploma in Addiction Care
- Masters in Community-Oriented Primary Care

SCHOOL OF MEDICINE

Bachelor of Clinical Medical Practice *(continued)*



The capability approach to learning

'Challenges are what make life interesting; overcoming them is what makes life meaningful. The Bachelor of Clinical Medical Practice is a very challenging programme and requires one to be strong and hard-working. It has allowed me to grow so much as a person and become more responsible, caring and loving. I discovered a great deal about myself and, above all, learned the importance of perseverance in difficult times. The challenges we face at the hospital and school will make you a better clinician in the future. Here's a little secret on how to survive: when our facilitators throw lemons at you, make lemonade.'

Nokwanda Dlamini – Bachelor of Clinical Medical Practice

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	
School of Medicine				
Bachelor of Clinical Medical Practice [3 years]	4	4	4	28
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Selection is based on a candidates' final Grade 11 examination results and the Biographical Information Form.
Careers: Clinical associates, academics and researchers

Email healthsciences@up.ac.za

SCHOOL OF MEDICINE

Bachelor of Sports Science

The Bachelor of Sports Science degree offers a well-rounded education in exercise science, with a strong focus on its role in sports, wellness and health. The programme integrates a wide range of disciplines, including anatomy, physiology, biomechanics, motor control and development, measurement and evaluation, as well as evidence-based exercise prescription. If you are passionate about sport, physical activity, human movement and the science behind performance and wellbeing, then this is the degree for you.

Who is the ideal candidate?

Ideal candidates are those who are passionate about sport and exercise science. Candidates should be interested in the science and application of human movement, health and wellness.

What does the programme entail?

The three-year, full-time Bachelor of Sports Science programme covers both the basic and applied sciences of the human body and human movement. The curriculum is problem-based and student-centred, with subjects that build on each other each year while also linking across different disciplines such as anatomy, physiology and biomechanics. Its primary aim is to equip students for careers in the health, wellness and sports sectors.

What makes this programme unique?

The Bachelor of Sports Science offers students a multi-professional set-up and collaboration with key stakeholders, exposing students to opportunities for work-integrated learning. In addition, students also gain hands-on experience by applying their theoretical knowledge in practical settings, including involvement in various sport activities and gymnasium-based training. The programme also provides a pathway towards a Bachelor of Science Honours in Sport Science.

Structure of the programme

This three-year, full-time Bachelor of Sports Science provides a foundation in the basic and applied sciences of the human body, preparing students for careers in the health, fitness and sporting industries. The fixed curriculum covers areas such as anatomy, physiology, exercise science and biomechanics.

Graduates may continue with a Bachelor of Science Honours in Sport Science, with further postgraduate opportunities available in research-based Master's and Doctoral programmes.

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Life Sciences	
School of Medicine				
Bachelor of Sports Science [3 years]	4	4	4	**30**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Selection is based on a candidates' final Grade 11 examination results.
Careers: This course prepares students to work competently in the health, wellness and sporting environment. It is a prerequisite for admission to the Bachelor of Science Honours in Sport Science

SCHOOL OF MEDICINE

Bachelor of Sports Science *(continued)*

Career opportunities

Graduates of this programme are prepared for careers in the health, fitness, wellness and sporting industries. Employers include commercial and privately-owned gymnasiums, the broader health and fitness industry, medical centres, pharmaceutical companies, rehabilitation facilities and the corporate sector.

The degree serves as a prerequisite for admission to the Bachelor of Science Honours programmes in Sport Science, which is strongly recommended for those wishing to become sports scientists. Sports scientists may specialise in areas such as sport physiology, biomechanics or strength and conditioning, and can progress into management roles in sport performance and related industries.

Sport Scientists may also work in the armed forces such as the South African National Defence Force and/or South African Police Services as physical training and fitness instructors. Sport Scientists are also well-suited for roles in the fitness industry as personal trainers, exercise scientists, health and fitness instructors, or gymnasium managers/ owners. Further postgraduate study may open opportunities in academia or research.

'My time studying Sports Science at the University of Pretoria was truly transformative, offering growth both academically and personally. What made the experience so meaningful was the way it united my passion for movement and my desire to help others. From the start, the programme offered a balance between in-depth theoretical knowledge and real, hands-on learning, something that really shaped how I think and work today. As someone who's always been active in sport, one of the best parts of the course was how it encouraged continued sport participation. I was able to keep training and competing in elite gymnastics while studying, which I'm incredibly grateful for. Even more valuable was the opportunity to apply what I was learning in class directly to my own sport performance. Those years ultimately became the most successful of my gymnastics career.

The Division of Biokinetics and Sport Science also offer access to world-class facilities, like the Sport, Exercises Medicine and Lifestyle Institute (SEMLI) and the Biokinetics Lab and on-site practice. Access to these facilities exposed me to professional and high-level sport performance environments that helped me understand the field beyond the classroom. Looking ahead, I plan to complete my internship and register as a biokineticist. One day, I hope to open my own practice and work with national and international sports teams, helping athletes reach their potential through evidence-based personalised care.'

Nkazimlo Salizwa Matyolo – Bachelor of Science Honours in Biokinetics

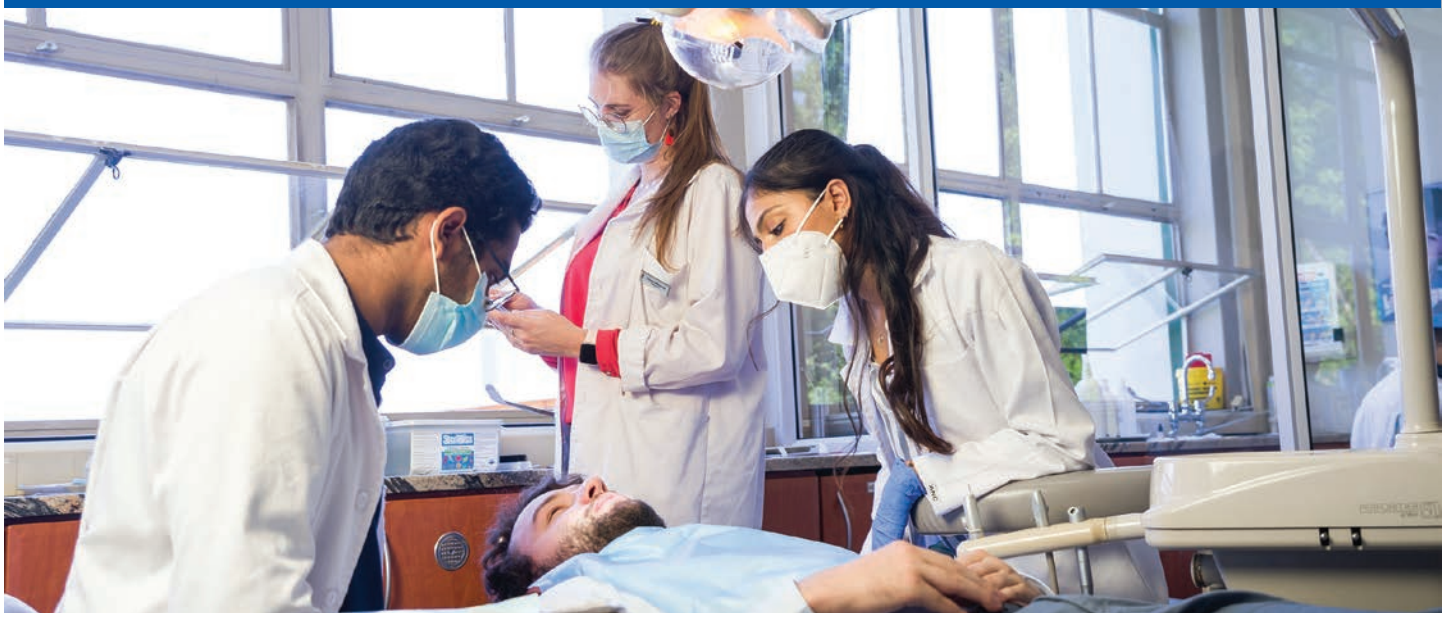
'My passion for sport and fitness within the health and wellness industry has driven me to pursue both practical and theoretical knowledge. My sporting journey began with 12 years of competitive artistic gymnastics and 4 years of tumbling. A highlight of my gymnastics career was being selected to attend an international training camp in Athens, Greece, in July 2019.

My relentless drive to challenge myself physically and intellectually has led me to pursue a degree in Sports Science. This academic journey has been enriching and foundational. From early coursework in anatomy, physical practicals and being taught by respected and active professionals in our field, I've learned to merge theoretical frameworks with real-world implementation. In the Honours year, we deepen our learning through mentorship and practical experience with sport scientists and elite athletes at the SEMLI Institute. Regular presentations in lectures, hands-on learning and research training have equipped me with the skills to apply evidence-based practice with confidence, laying the groundwork for my postgraduate studies and ongoing professional development. Through all these experiences, I have grown not only as a student and future sport scientist, but as a person. I feel deeply prepared and motivated to continue evolving in this field and to positively contribute to the world of health, human performance and fitness.'

Nicole Henson – Bachelor of Science Honours in Sports Science

SCHOOL OF DENTISTRY

Bachelor of Dental Surgery



The School of Dentistry at the University of Pretoria is widely recognised—both nationally and internationally for the quality of its training, research and patient care, as well as for its involvement in community-based projects.

The typical work-day of a dentist is spent diagnosing, preventing and treating diseases of the mouth and teeth. This includes the removal or repair of decayed teeth, replacing missing teeth with fixed crowns, bridges, or removable dentures and treating diseases of the gums. Dentists are responsible for surgical procedures in the mouth, aligning irregular teeth, relieving pain, improving oral and facial aesthetics, performing root canal treatments and planning dental care in consultation with their patients.

Selection

- Seventy (70) first-year students are selected annually.
- First choice candidates will be considered and second choice candidates may be considered in certain categories.
- Conditional selection is based on the final Grade 11 results of the two categories (Open and Designated Group) as indicated under *Faculty-specific admission regulations* on page 4 in this brochure.
- Candidates must also comply with the minimum admission requirements as indicated in the table on the next page.
- Furthermore, candidates are expected to maintain or improve their Grade 11 averages (based on which they were conditionally selected) in the final school examination and ensure that the MPS does not drop by more than five points.

Who is the ideal candidate?

This programme is suited to driven, hardworking individuals who enjoy working with people, are detail-oriented and like using their hands and technology. Candidates should also have an interest in the natural sciences, biology, and research and be motivated to make a positive impact in communities in need.

What does the programme entail?

To meet the demands of modern tertiary education, the School of Dentistry offers a problem-based, student-centred curriculum with a focus on community health. The five-year, full-time degree is followed by one year of compulsory community service.

Students gain hands-on experience in clinical dentistry from the second semester of the first year and continue extensive clinical training from the third year onwards, using both simulations and real patient care.

What makes this programme unique?

The programme is accredited by the HPCSA and offers early clinical exposure combined with ongoing integration and community engagement throughout the curriculum. It also focuses on developing clinical reasoning and essential soft skills, such as effective communication, through case-based learning and role play.

Which companies employ our graduates?

Dentists can find employment in private practice, public hospitals and clinics, the South African National Defence Force, healthcare organisations and academic institutions.

Structure of the programme

In the first year, students focus on core modules in human biology, alongside relevant social science modules. From year two, they are introduced to the clinical setting by assisting senior dental students in the wards. Clinical dentistry modules and preclinical skills training begin in year three, while years four and five focus mainly on clinical practice and dental practice management.

SCHOOL OF DENTISTRY

Bachelor of Dental Surgery *(continued)*

'Starting dentistry as my second degree felt like learning to walk again—but this time with the weight of experience, expectations and dreams on my shoulders. It hasn't been an easy journey, but it has been one of the most beautiful and meaningful ones I've ever taken.

There were days I questioned myself. Being a student all over again was mentally exhausting. My brain grew tired, and some days it felt like I was running on empty. But something in me refused to stop. I kept reminding myself why I chose this path: the passion I have for people, for health, and for being part of something bigger than myself.

What I love most is working with patients. Every person who sits in the chair teaches you something—not just about dentistry, but about humanity. You learn that not everyone is going to be warm or cheerful, and that's okay. You learn to listen beyond words, to read between the lines, and to show up with compassion no matter what. These real-life interactions are what shaped me the most.

I also challenged myself by taking on leadership roles, including serving on the DHC executive committee, acting as Class Representative for two years, and participating in SADSA (South African Dental Students' Association). It wasn't always easy—balancing academics, clinical hours and responsibilities—but it taught me how to manage people, pressure, and most importantly, myself. Growth came in uncomfortable moments, but I'm grateful for every one of them.

This journey has reminded me that nothing worth having comes without sacrifice. I've come a long way—from uncertainty and self-doubt to confidence and clarity. And while the road was tough, I would do it all over again.

To anyone out there thinking about studying dentistry: it's not just a career—it's a calling. If you're willing to work hard, open your heart, and grow through what you go through, this journey will shape you in ways you never imagined. I'm proof of that.'

"Tselakgopo e a palelwa, mme pelo e e tiileng e a fenya."
("A difficult path may fail many, but a strong heart conquers.")

Jamilah Ramatena – Bachelor of Dental Surgery student

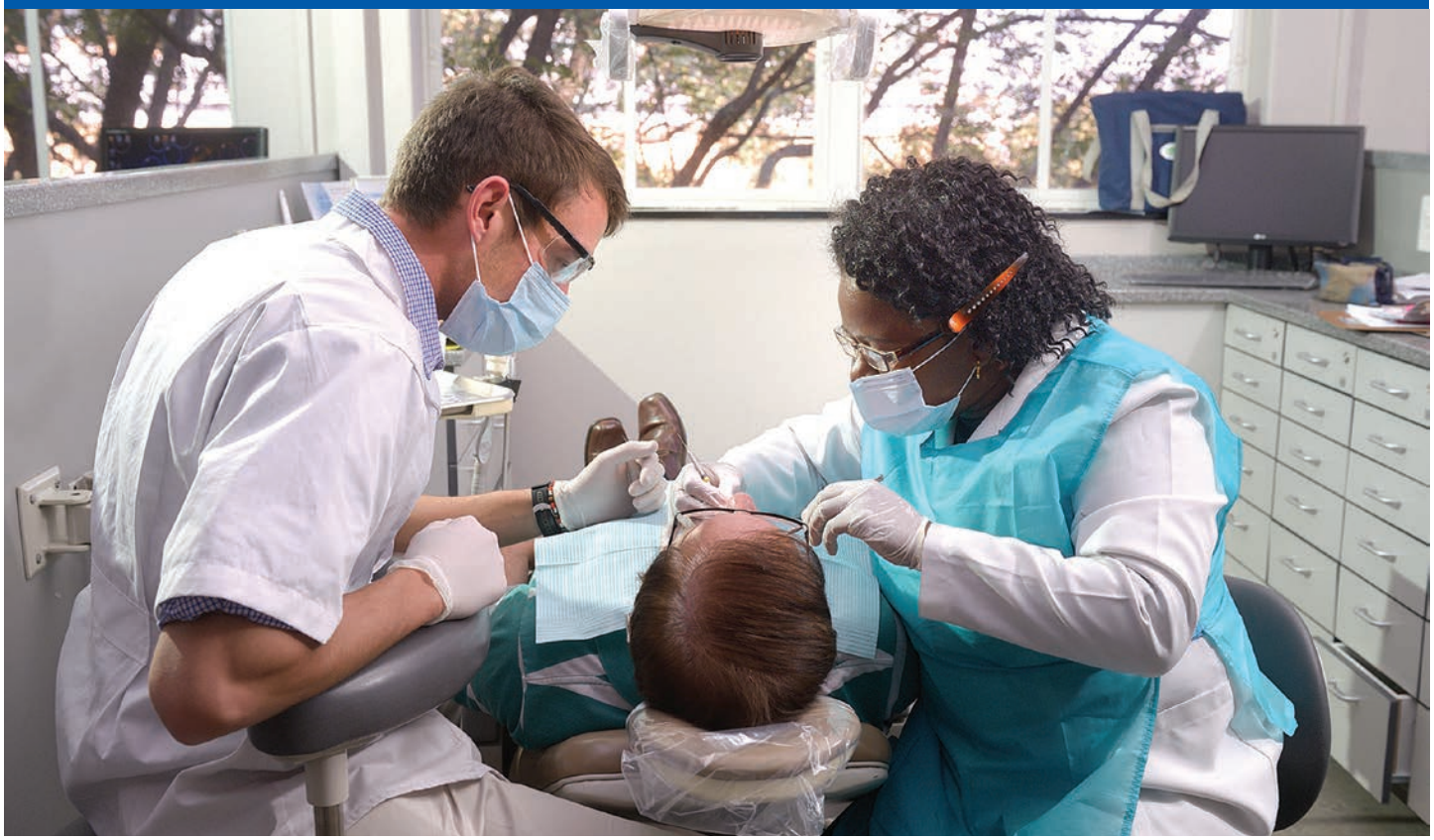
Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Dentistry				
Bachelor of Dental Surgery [5 years]	5	6	5	**35**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Selection is based on a candidates' final Grade 11 examination results.
Careers: Dentists, specialists, academics and researchers

SCHOOL OF DENTISTRY

Bachelor of Oral Hygiene



An oral hygienist is a dental professional trained to promote oral health, prevent oral diseases and provide related dental services.This is a three-year degree programme during which students receive training in both medical and dental subjects.

Additional requirements

Applicants may be considered if they meet one of the following criteria:

- Hold a school certificate or diploma deemed equivalent to the National Senior Certificate (NSC) with university endorsement
- Are graduates from another tertiary institution
- Are graduates of another faculty at the University of Pretoria
- Are currently enrolled at the University

Who is the ideal candidate?

The ideal candidate for this programme is someone with a passion for oral health, strong interpersonal and communication skills, and good manual dexterity, which is essential for performing precise dental procedures. They should be a hardworking individual with attention to detail, who is also compassionate and patient when working with others.

What makes this programme unique?

This programme is accredited by the HPCSA and offers training at state-of-the-art facilities. Students gain first aid training and receive certificates upon completion. They also gain hands-on experience across various departments, which helps to enhance their clinical skills and prepare them for professional practice.

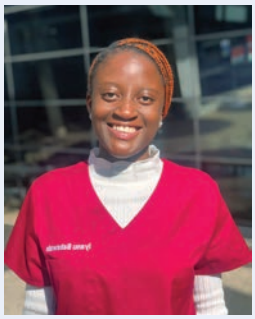
What does the programme entail?

Students receive training in basic medical and dental subjects, with theory and practice integrated from the first year. They gain hands-on experience in:

- Community dentistry – participating in outreach programmes at schools, nurseries and old age homes around Pretoria.
- Preventive clinic – providing oral health education, promoting oral health and treating patients in the preventive clinical ward.
- Orthodontic ward – working alongside qualified oral hygienists, specialists and registrars (dentists who are completing specialist training).
- Periodontics and oral medicine ward – assisting with treatment plans for patients with periodontal disease, helping in surgeries and maintaining implants.
- Maxillofacial and oral surgery – assisting with patient preparation, removing sutures, splinting mobile teeth, administering local anaesthetic and participating in cleft lip and palate clinics.
- Patient management – treating emergency patients within the scope of oral hygiene practice, managing comprehensive patient care, communicating effectively and understanding ethics and practice management.
- Odontology – learning about and applying dental materials.

SCHOOL OF DENTISTRY

Bachelor of Oral Hygiene *(continued)*



'My journey at the University of Pretoria has been truly transformative. I've grown not only in clinical skill but also in character, purpose and confidence. The programme has taught me the value of servitude and the privilege of serving with compassion, inspiring a deep desire to make a meaningful impact—not only in oral health, but in life more broadly. Serving in leadership roles has shown me what it truly means to serve others. Interacting with patients from all walks of life has strengthened my ability to connect, empathise and provide care beyond the clinical environment. Supported by passionate lecturers, skilled supervisors, dedicated staff and driven peers, I have thrived in an environment where excellence is expected, growth is constant and the faculty's commitment to quality guides every aspect of learning.'

Iyanu Babawale – Bachelor of Oral Hygiene student

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Dentistry				
Bachelor of Oral Hygiene [3 years]	4	4	4	25
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Selection is based on a candidates' final Grade 11 examination results.
Career: Oral hygienists

Email healthsciences@up.ac.za

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Occupational Therapy

Occupational therapy is a healthcare profession that promotes health and well-being. It is both the art and science of helping people participate in everyday activities through meaningful occupations.

Selection

- Fifty (50) first-year students are selected annually.
- Only first-choice applicants are considered. Applicants from the Designated Group category who indicated the programme as their second choice will be considered once all the first-choice candidates have been placed.
- All applicants in the School Leavers categories must have a minimum MPS of 60.
- Conditional selection is based on final Grade 11 results for the Open and Designated Group categories (see *Faculty-specific admission regulations* on page 4).
- Candidates must maintain their Grade 11 averages in the final Grade 12 examinations, ensuring the MPS does not drop by more than five points.

What does the programme entail?

The Department of Occupational Therapy at the University of Pretoria embraces transformation and diversity and aims to be an outstanding internationally-respected department committed to excellence in research, social responsiveness and innovative teaching and learning.

Occupational therapists help people of all ages with physical or mental impairments to lead meaningful and independent lives. They work with individuals facing health conditions or disabilities to enable them to function optimally in daily activities and specific contexts. When loss of function occurs due to disability or societal barriers, occupational therapists assist by adapting activities or the environment to help maintain independence.

Who is the ideal candidate?

The ideal candidate for this programme is someone with excellent communication skills, both written and verbal and exceptional interpersonal abilities. They should be caring, empathetic and able to encourage others to develop their potential.

Creativity, initiative and strong problem-solving skills are important, as are a combination of intellectual and practical aptitudes, a well-balanced lifestyle and emotional intelligence. Candidates should also be able to work effectively in a team.

Structure of the programme

The Bachelor of Occupational Therapy at the University of Pretoria is a four-year, full-time programme.

In the early years, students build their theoretical foundation through an integrated curriculum of human and natural sciences—such as anatomy, physiology, occupational science, psychology and ethics—often taught through problem-based learning and practical lectures.

As students progress into the later years of the degree, their learning transitions into active, hands-on clinical practice: they undertake clinical practical work and fieldwork in approved settings—including hospitals, clinics, community centres and other healthcare institutions—with a requirement to complete at least 1 000 hours of practical experience over the course of the programme to qualify for registration with the Health Professions Council of South Africa (HPCSA).

Postgraduate study in occupational therapy allows students to specialise and deepen their knowledge and skills in areas such as mental health, physical conditions (including hand therapy and neurology), vocational rehabilitation, education, and various aspects of daily living, play, leisure and work.

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Occupational Therapy *(continued)*

Career opportunities

Occupational therapists can work in the following areas:

'The beauty of occupational therapy is that it can change one's narrative of their life when they have written themselves off due to their physical and cognitive impairment. There is nothing more fulfilling than giving people hope again and restoring their quality of life. Occupational therapy is the wave you do not want to miss if you have a passion for people. The seeds of making a lasting impact in people's lives lies within you.'

Thabang Rameetse
– Bachelor of Occupational Therapy

'Occupational therapy is more than just a profession. It's a lifestyle. It's learning to see people for more than who they are on the outside and instead seeing them for who they have the potential to be.'

Michelle Botha – Bachelor of Occupational Therapy

Approximately 50 students graduate from this programme annually.

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Occupational Therapy [4 years]	4	4	4	**30**

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.
Careers: Occupational therapists, academics and researchers

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Dietetics

The Bachelor of Dietetics degree is a four-year, full-time programme that includes both theory and practical training. An outcomes-based and problem-oriented healthcare team approach in a clinical and a community environment is followed.

What does the programme entail?

The programme aims to improve health and nutrition of communities through advocacy and policy development.

To deliver this professional service effectively, students need scientific knowledge in:

- Foods and nutrients
- The nutritional needs of both healthy and ill individuals
- The biochemical and physiological foundations of nutrition
- The role of nutrition in preventing and managing diseases
- Nutrition education and counselling
- Nutrition advocacy

Clinical dietetics (medical nutrition therapy) deals with the nutrition of individuals. It can be preventative, such as reducing the risk of lifestyle-related diseases, or therapeutic, such as treating an existing condition. For example, a person with diabetes may follow a specific diet plan designed and monitored by a dietitian.

Community-based dietetics works on a larger scale, focusing on educating and training groups or communities to improve their health through nutrition. This can include teaching communities about maintaining healthy diets, contributing to policy development (such as sugar tax initiatives), and working to prevent malnutrition in collaboration with stakeholders.

Another important aspect of the programme is food service management. This involves overseeing large-scale food service units, where dietitians ensure that both regular and therapeutic menus are of high quality and meet clients' nutritional needs.

Who is the ideal candidate?

The ideal candidate for this programme is someone with strong communication and interpersonal skills, who is disciplined, hardworking and passionate about helping both individuals and communities. They should be good problem-solvers and have a genuine interest in nutrition and promoting healthier lifestyles.

What makes this programme unique?

The qualification is outcome based, problem oriented and accredited by the Health Professions Council of South Africa (HPCSA). The high standard of training is recognised locally and internationally.

Which companies employ our graduates?

- Private and government hospitals and community health centres
- The Department of Health (DOH)
- Food manufacturers
- Pharmaceutical companies
- The World Health Organisation (WHO) and the World Food Program (WFP)
- Non-governmental organisations (NGOs), for example, UNICEF
- Research institutions, e.g., the National Research Foundation (NRF) and Medical Research Council (MRC)
- Academic institutions

'The opportunity to study Dietetics at the University of Pretoria has been a blessing, and although I had to overcome many challenges the journey was thoroughly worthwhile. On my first day as a student, we were told that we should consider everyone in the class as family, which really put me at ease. The immense support I received from the Department of Human Nutrition and fellow students made it much easier to overcome the challenges that came with the programme.

As I progressed through my studies, I underwent intense training and was exposed to different areas of the profession. With each new experience, my passion for my chosen field grew stronger. While studying dietetics I acquired many unique skills, which have made it possible for me to fit into a wide range of roles.

If helping people makes you happy, dietetics is the perfect programme for you. Its diversity allows you to choose in which of several possible areas you would like to work. I chose to help people to make healthy lifestyle choices by choosing to eat sensibly.'

Meriam Letsoalo – Bachelor of Dietetics

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Dietetics *(continued)*

Career opportunities

'Thorough research convinced me that the University of Pretoria offered the best programme in the field of dietetics and I was delighted when my application to study at this institution was approved.

My journey while studying dietetics has been challenging, but also amazing in many ways. I have learnt to find humour in the most difficult situations, which enabled me to build up enough positive energy to get through them. I became aware of the importance of effective time management, which is a skill that was constantly demanded throughout my years of study. The best part is that if you are passionate about dietetics, the actual challenge is finding your feet and yourself while in the process of studying. I also developed an interest in leadership. Initially I acted as a mentor in the Department, and eventually I decided to develop my leadership skills further by becoming involved in the Student Representative Council (SRC). During all this time I have enjoyed the full support and encouragement of my lecturers. I am proud to be a Tukkie. I am proud to have conquered FLY@UP!'

Letlhabile Makone – Bachelor of Dietetics

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Dietetics [4 years]	4	4	4	28

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.
Careers: Dieticians, academics and researchers

Email healthsciences@up.ac.za

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Science in Food Management

Options: 1. Nutritional Science 2. Culinary Science

The Bachelor of Science in Food Management is a four-year degree offered jointly by the Department of Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and the Department of Human Nutrition (Faculty of Health Sciences).

The programme provides world-class education and training for future leaders in nutrition. The University of Pretoria is a co-host of the national Centre of Excellence in Food Security, and its Institute for Food, Nutrition and Well-being leads pioneering cross-disciplinary research to address South Africa's critical food and nutrition challenges. This includes an internationally recognised postgraduate research programme that attracts both local and international students.

Students are provided with ample opportunities to gain career exposure through practical training sessions and participation in competitions and mentorship programmes. They are also actively involved in the Nutrition Society of South Africa. Students organise activities through the student body TUCSFoST.

Career opportunities

The food industry is South Africa's largest manufacturing sector, and it offers a wide range of career opportunities for nutrition graduates. Multinational and smaller food companies employ graduates to:

- Analyse the nutrient composition of food products
- Ensure that products comply with legislation
- Communicate nutritional benefits to consumers
- Develop new food products and supplements to meet the health needs of specific consumer groups

Graduates can also register as Professional Natural Scientists in training with the South African Council for Natural Scientific Professions. With a BSc Honours degree and/or relevant work experience, they may qualify for full registration as a Professional Natural Scientist in the Food Science and Nutrition category.

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Food Management Options: 1. Nutritional Science 2. Culinary Science [4 years]	5	5	5	**32**

This programme is an interfaculty degree programme, presented jointly by Consumer and Food Sciences (Faculty of Natural and Agricultural Sciences) and Human Nutrition (Faculty of Health Sciences). Please refer to the website www.up.ac.za/yearbooks/home for the Yearbook of the Faculty of Natural and Agricultural Sciences for more information on the Bachelor of Science in Food Management [Options: 1. Nutritional Science 2. Culinary Science] programmes.

Email consumer.food@up.ac.za

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Physiotherapy

Physiotherapy is a healthcare profession focused on restoring and promoting normal physical function, and rehabilitating individuals with injuries or disabilities. Training is evidence- and outcome-based, and students gain experience with a wide variety of patients, using examination and problem-solving skills to make a meaningful contribution to their health. Graduates from the University of Pretoria are in demand in all sectors of healthcare worldwide.

The Bachelor of Physiotherapy is a four-year, full-time programme. Students are trained to treat musculoskeletal, neurological, respiratory and sports-related problems, as well as paediatric and community-based conditions. Musculoskeletal and sports therapies address issues in the vertebral and peripheral joints, neurological therapy supports rehabilitation for conditions affecting the brain and spinal cord, and respiratory and cardiac therapy improves lung function and exercise tolerance. Students also learn to manage congenital and acquired paediatric conditions, with a strong emphasis on community health education and empowerment.

The programme covers a range of physiotherapy modalities, including manual therapy, soft-tissue mobilisation, electrotherapy, hydrotherapy and exercise therapy, with rehabilitation as a central focus across all areas of practice.

Selection

- Sixty (60) students are selected annually.
- Only first-choice applicants are considered.
- Conditional selection is based on final Grade 11 results for the Open and Designated Group categories (see *Faculty-specific admission regulations* on page 4).
- Candidates must maintain their Grade 11 averages in the final Grade 12 examinations, ensuring the MPS does not drop by more than five points.
- Candidates must also comply with the application requirements provided on page 6.

Who is the ideal candidate?

Ideal candidates are problem-solvers who enjoy evidence-based practice. A humble, hardworking and compassionate person who enjoys working with patients of all ages—including the sick, elderly and children—will thrive in this career. The Bachelor of Physiotherapy also allows students to specialise in a particular area or gain experience across all facets of the profession.

What does the programme entail?

The four years of study consist of theoretical, practical and clinical training in basic medical sciences and physiotherapy. An additional community service year, which does not form part of the university training, is compulsory.

- **Clinical training:** Undergraduate students train in private and government hospitals in Pretoria, as well as in special schools and the University of Pretoria Sports Centre.
- **Community service:** Students provide instruction to patients and caregivers on monitoring health and staying physically active. Community-based training takes place in Mamelodi, Hammanskraal, Daspoort, Eersterust and at various homes for the elderly.
- **Research:** Students are introduced to the research process under the guidance of faculty members, building skills for both undergraduate and postgraduate research.

Structure of the programme

The four-year Bachelor of Physiotherapy programme covers the techniques and methods used to treat musculoskeletal, neurological and cardiorespiratory conditions. Students also gain experience in community-integrated leadership across different areas of physiotherapy. Treatment methods include hands-on therapy, exercises, water-based therapy and the use of electrical stimulation to aid recovery and improve function.

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Physiotherapy *(continued)*

Career opportunities

Employment opportunities for physiotherapists are available in hospitals, schools for children with special needs, mining clinics, industrial clinics and hospitals. Opportunities also exist in private practices, the South African National Defence Force, old age homes, local government bodies (municipal clinics), corporate companies, sports centres and sports teams. Should you undertake postgraduate studies, you could also consider a career in research or academia.

'My four-year journey studying physiotherapy at the University of Pretoria has been a period of significant transformation. This phase has included both challenges and achievements that have shaped my development as a future healthcare professional. There were moments of self-doubt and anxiety that got me questioning my place in this field. Through it all, the exceptional clinical exposure and the unwavering support from the faculty members provided a nurturing environment that inspired me to persevere. This experience has not only shaped me into a confident physiotherapist, but has also taught me resilience, empathy and a deep appreciation for human movement and function. I leave here not just with a degree, but with a story worth telling and a purpose I'm proud to pursue.'

Bontle Mavhungu – Bachelor of Physiotherapy

'Attentive and world-renowned lecturers, state-of-the-art facilities, evidence-based theory—the Physiotherapy Department at the University of Pretoria is truly top-tier. As a physiotherapy student myself, enduring all the assignments, clinical hours and exams, I can confidently say it's worth it. Studying physiotherapy here wasn't just my next milestone—it was a dream come true.

The Physiotherapy Department takes our passion and transforms it into skills, knowledge and confidence, shaping us into the physiotherapists we aspire to be. As Professor Viljoen always says, "We push the boundaries and exceed expectations," but this is never done without the support of our exceptional physiotherapy community. This is the place to be.'

Tamlyn Oliver – Bachelor of Physiotherapy

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Physiotherapy [4 years]	4	4	4	**30**

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.
Careers: Physiotherapists, academics and researchers

Head of Department: Prof Carel Viljoen | **Tel** +27 (0)12 356 3231 | **Email** carel.viljoen@up.ac.za or healthsciences@up.ac.za
First-year coordinator: Ms Pooveshni Naidoo | **Tel** +27 (0)12 356 3234 | **Email** pooveshni.naidoo@up.ac.za or healthsciences@up.ac.za

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Radiography in Diagnostics

Selection

- Sixty (60) first-year students are selected annually.
- Only first-choice applicants are considered.
- Conditional selection is based on final Grade 11 results for the Open and Designated Group categories (see *Faculty-specific admission regulations* on page 4).
- Candidates must maintain their Grade 11 averages in the final Grade 12 examinations, ensuring the MPS does not drop by more than five points.
- Candidates must also comply with the application requirements provided on page 6.

Who is the ideal candidate?

The personal characteristics of a radiographer include a genuine desire to help sick and injured patients. Self-discipline, accuracy and responsibility are essential for handling any situation effectively. The ideal candidate should have good moral character, strong interpersonal skills and the ability to make quick and responsible decisions. Critical thinking and problem-solving skills, attention to detail, initiative, the ability to work well under stress, and the willingness to accept and use constructive criticism are also important qualities for success in this profession.

What does the programme entail?

- The Bachelor of Radiography in Diagnostics programme requires four years of full-time study, followed by one year of compulsory community service.
- Clinical tuition takes place in the radiology departments at Steve Biko Academic Hospital, Kalafong Provincial Tertiary Academic Hospital, Pretoria West District Hospital, Mamelodi Regional Hospital, Tshwane District Hospital, Tembisa Provincial Hospital, Edenvale Regional Hospital, Kwamhlanga District Hospital, and some private radiological practices. Students are allocated to these centres to gain the compulsory clinical experience needed to conduct various radiographic examinations and procedures competently.
- Students will be expected to practice on public holidays and after hours on a rotational basis.

What makes this programme unique?

Radiography is a healthcare science profession focused on creating medical diagnostic images and is one of the fastest-growing fields in modern healthcare. The degree covers professional, technical and clinical aspects of radiography, combining academic learning with work-integrated training. Students rotate through various provincial hospitals and private practices to gain the required clinical experience. The programme also meets national legislative requirements, including DHET, CHE and SAQA approval for a minimum 480-credit qualification at NQF level 8.

Career opportunities

Graduates can work as radiographers in state or private health institutions, take on managerial roles, pursue careers in academia or research, become application specialists, or even establish their own private practices.

Postgraduate studies

Should you pursue postgraduate studies, you could consider a career in academia or research. For career progression in each category, there are opportunities to undertake master's and doctoral studies.

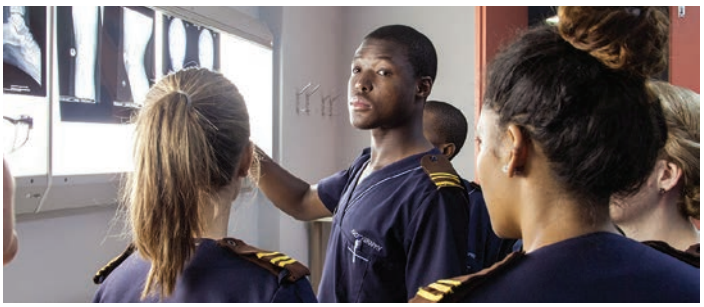
Categories of radiography offered at the University of Pretoria:

Diagnostic radiography Honours: Diagnostic radiography at Honours level involves an in-depth study of specialised aspects of radiography and advanced imaging techniques.

Radiotherapy: Radiotherapy entails the use of high-energy radiation in the treatment of benign and malignant tumours.

Nuclear medicine: Nuclear medicine involves administering a radiopharmaceutical substance to a patient to visualise and assess the anatomy and functioning of organs.

Diagnostic ultrasound Honours: Diagnostic ultrasound at Honours level helps in the early diagnosis and potential treatment of various clinical conditions affecting different types of patients.



SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Radiography in Diagnostics *(continued)*

Which companies employ our graduates?

The following organisations employ qualified diagnostic radiographers:

- Educational institutions and training bodies
- Mining companies
- Private clinics and hospitals
- Private radiology practices
- State hospitals
- Suppliers of apparatus and equipment
- The South African National Defence Force
- Specialised units, such as angiography, CT scans, magnetic resonance (MRI) and ultrasound units

'*Exposing!*—says every radiographer. Diagnostic Radiography is a dynamic field that blends cutting-edge technology, physics and healthcare to help identify and diagnose medical conditions. While radiographers don't "expose" state secrets, we do reveal what's hidden beneath the surface of the human body—often with just the click of a button! This profession demands curiosity, compassion and a genuine passion for science and patient care. Radiography is constantly evolving, making it both challenging and exciting.

At the University of Pretoria, I've had the opportunity to fully experience what this career entails. From hands-on clinical training to in-depth, theory-based learning, I've been immersed in every aspect of the profession. The people I've met and worked with have made the journey even more meaningful. It's not always easy, but witnessing the real impact I can have on someone's health and wellbeing makes every challenge worthwhile. I'm incredibly grateful to the radiography profession for being both demanding and deeply rewarding, and especially to UP for opening the door to a career that is truly life-changing.'

– Bachelor of Radiography in Diagnostics

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
School of Healthcare Sciences				
Bachelor of Radiography in Diagnostics [4 years]	4	4	4	**30**

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.

Selection is based on a candidates' final Grade 11 examination results.
Careers: Radiographers, academics and researchers

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Nursing Science

The nursing profession equips students with the skills needed to improve patients' health and enhance their quality of life. Many nursing graduates from the University of Pretoria go on to hold managerial positions both in South Africa and abroad.

Who is the ideal candidate?

The ideal candidate is a caring and compassionate individual who demonstrates resilience, perseverance and a genuine commitment to helping others.

What makes this programme unique?

Nursing is a rewarding career with a wide range of employment opportunities. The Bachelor of Nursing Science programme is accredited by the South African Nursing Council, ensuring that graduates meet the highest professional standards.

Structure of the programme

The Bachelor of Nursing Science programme includes theoretical and clinical training in general nursing and midwifery, alongside integrated health leadership education in an interdisciplinary context. Students also study fundamental subjects such as anatomy, physiology, medical terminology, pharmacology, psychology and microbiology.

Career opportunities

- Community health nursing
- Forensic nursing
- Healthcare management
- Intensive care and emergency nursing
- Mental health nursing
- Nursing education
- Paediatric and neonatal nursing
- Theatre nursing

'My name is Skye Hall, and I am a second-year nursing student at the University of Pretoria. When I finished Matric, I didn't know exactly what I wanted to do, but I knew I wanted to make people's lives a little better—and that's how I found nursing.

Although I have been in the degree for less than two years, nursing has completely changed my perspective on life. I've met people from all walks of life and witnessed everything from someone's darkest moments to their brightest. For me, the greatest part of nursing is being able to be part of so many people's lives and seeing them go from their lowest point to walking out of the ward happy and healthy. Nursing has given me the opportunity to make a real difference in someone's health and, ultimately, their life.

To me, nursing is more than being a health professional—it is about caring where many others might not. I don't believe you need to be naturally "gifted" to be a nurse; the most important quality is simply to care.'

Skye Hall – Bachelor of Nursing Science student

SCHOOL OF HEALTHCARE SCIENCES

Bachelor of Nursing Science *(continued)*

'My name is Shyline Panashe Mhike, and I am a final year nursing student at the University of Pretoria. Since I was a little girl, I've always dreamed of being part of the health sciences field. That childhood dream has now come to life through my journey in nursing from first to my final year, where I've gained invaluable experience working with people from diverse cultural backgrounds, always guided by compassion, empathy and respect.

Throughout my training, I've rotated through various nursing disciplines, each offering unique insights. One of the most profound moments in my journey has been assisting in childbirth—catching a baby feels like being in partnership with God.

Whether I'm caring for patients in a hospital ward or providing support in the community, I am constantly reminded that nursing is both a science and a calling. To me, nursing is not just about record keeping or following routines; it is about practicing Ubuntu, recognising our shared humanity, and empowering patients through care, dignity and health education. Watching my patients heal and thrive affirms that my dream was never just to wear a uniform, but to truly make a difference in people's lives.'

Shyline Panashe Mhike – Bachelor of Nursing Science student

Which companies employ our graduates?

- Emergency services
- Hospitals
- Nursing education institutions
- Pharmaceutical companies
- Primary healthcare clinics
- Managed healthcare companies

Application requirements

Programme	Application requirements for NSC and IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Life Sciences (not Physical Sciences)	
School of Healthcare Sciences				
Bachelor of Nursing Science [4 years]	4	4	4	**28**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Selection is based on a candidates' final Grade 11 examination results.
Careers: General nursing and midwifery

Email healthsciences@up.ac.za

NB: Please refer to the Faculty of Health Sciences website www.up.ac.za/faculty-of-health-sciences/programmes for more information on the postgraduate degree requirements.

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:

The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

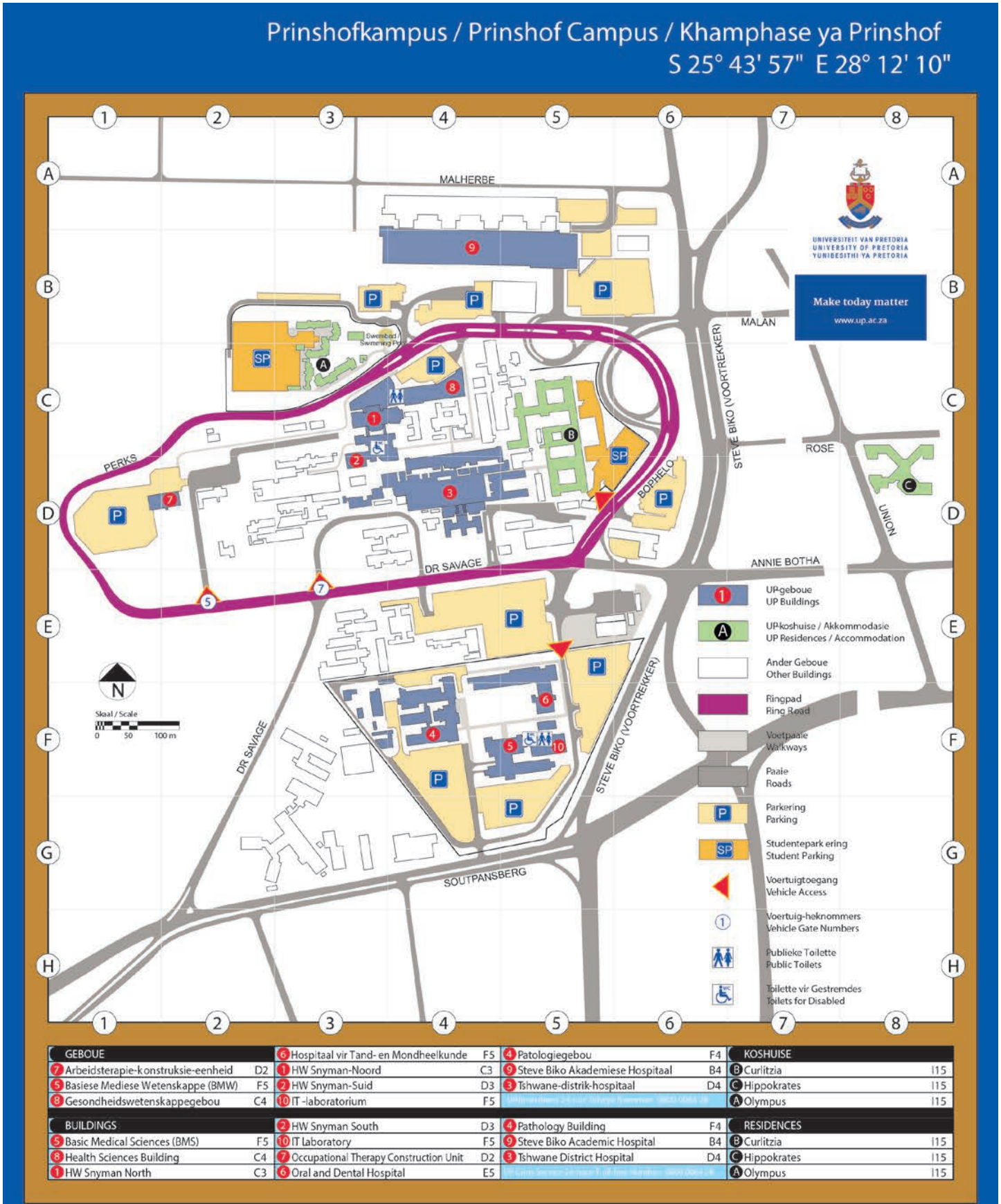
TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

PRINSHOF CAMPUS MAP



GEBOUE		Hospitaal vir Tand- en Mondheelkunde	F5	Patologiegebou	F4	KOSHUISE	
Arbeidsterapie-konstruksie-eenheid	D2	HW Snyman-Noord	C3	Steve Biko Akademiese Hospitaal	B4	Curlitzia	I15
Basiese Mediese Wetenskappe (BMW)	F5	HW Snyman-Suid	D3	Tshwane-distrik-hospitaal	D4	Hippokrates	I15
Gesondheidswetenskappegebou	C4	IT -laboratorium	F5			Olympus	I15
BUILDINGS		HW Snyman South	D3	Pathology Building	F4	**RESIDENCES**	
Basic Medical Sciences (BMS)	F5	IT Laboratory	F5	Steve Biko Academic Hospital	B4	Curlitzia	I15
Health Sciences Building	C4	Occupational Therapy Construction Unit	D2	Tshwane District Hospital	D4	Hippokrates	I15
HW Snyman North	C3	Oral and Dental Hospital	E5			Olympus	I15

Kaart soos bygewerk in Oktober 2022
Vrywaring: Alhoewel elke moontlike poging aangewend is om te verseker dat dit wat op hierdie kaart verskyn die jongste akkurate inligting is, moet gebruikers nie aanvaar dat dit altyd die geval is nie. Die Universiteit van Pretoria gee nie voor, of waarborg nie uitdruklik of by implikasie, dat al die inligting op die kaart akkuraat is nie. Die Universiteit van Pretoria, sy werknemers, amptenare, verskaffers, agente en/of verteenwoordigers kan nie aanspreeklik gehou word vir enige verlies of skade wat deur die gebruiker gely word, ongeag daarvan of dit direk, indirek of daaruit voortvloeiend is, of vir enige uitgawes van enige aard wat regstreeks of onregstreeks voortspruit uit die feit dat die gebruiker op die kaart staatgemaak het nie.

Map updated October 2022
Disclaimer: While every effort has been made to ensure that the information provided on this map is current and accurate, users should not assume that this is always the case. The University of Pretoria makes no representations or warranties of any kind, whether express or implied, regarding the accuracy of the map. The University of Pretoria, its employees, officials, suppliers, agents and/or representatives shall not be liable for any loss or damage suffered by the user, whether direct, indirect or consequential, or for any expense of any nature whatsoever resulting directly or indirectly from reliance on the map.

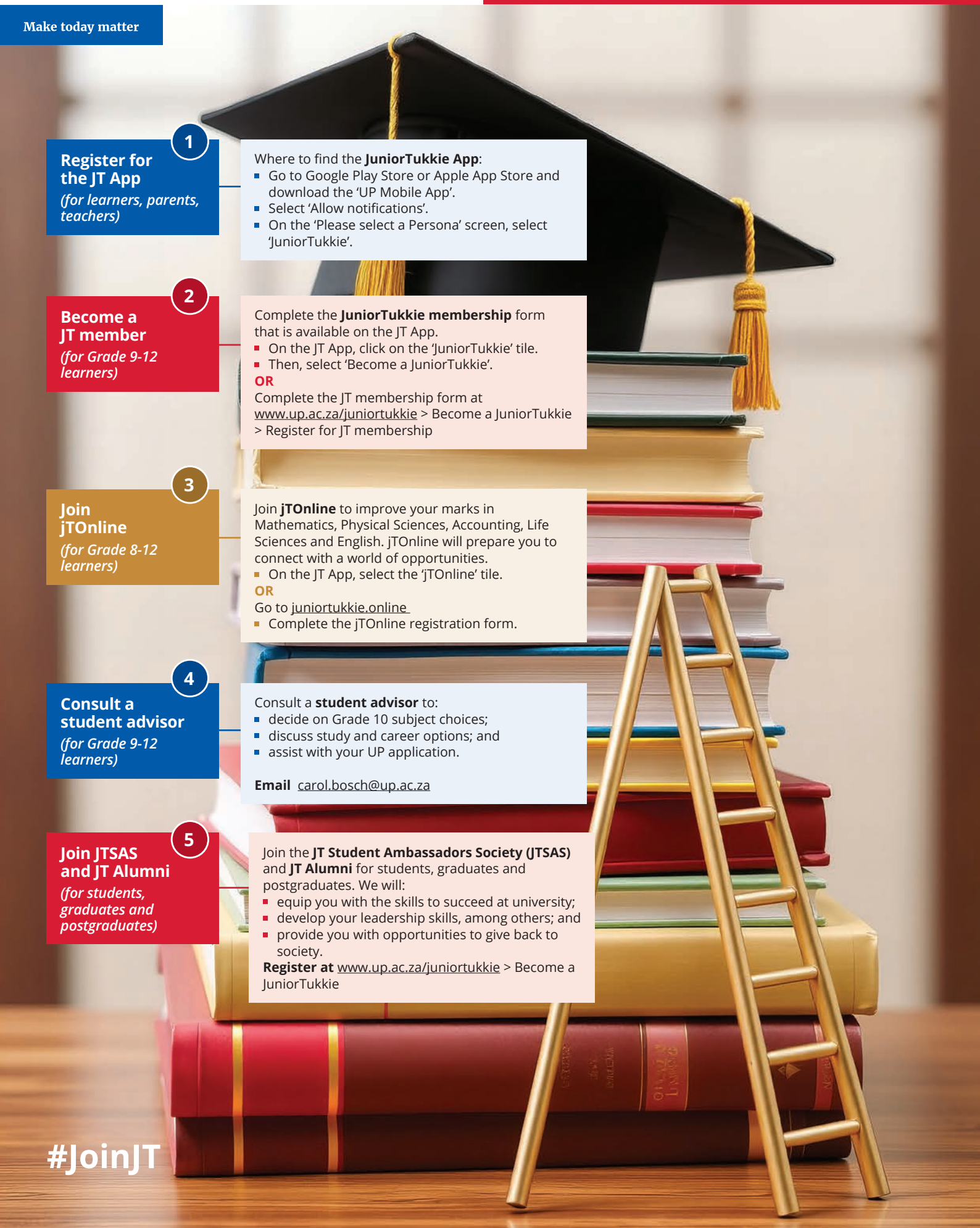
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

jT Junior Tukkie

20 2004 - 2024
Discover, Learn, Grow

JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Health Sciences

Fakulteit Gesondheidswetenskappe
Lefapha la Disaense tša Maphelo

University of Pretoria
Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

Make today matter

www.up.ac.za

Undergraduate Faculty Brochure

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Engineering, Built Environment and Information Technology

Fakulteit Ingenieurswese, Bou-omgewing en Inligtingtegnologie / Lefapha la Boetšenere, Tikologo ya Kago le Theknolotši ya Tshedimošo

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Engineering, Built Environment and Information Technology

Prof Wynand JvdM Steyn, Dean: Faculty of Engineering, Built Environment and Information Technology, University of Pretoria

Finding innovative solutions that lead to real-world change is at the heart of the University of Pretoria's Faculty of Engineering, Built Environment and Information Technology (EBIT). We are home to a generation of leaders and innovators who are dedicated to making a difference.

Our students and researchers aim to make a positive impact on society by tackling topics that address global challenges. Through innovative research and collaborative community engagement, we work to create the change we want to see in the world.

From first year to graduation, our students are encouraged to do more than simply qualify for a profession. We nurture graduates to become engineers who solve future challenges, built environment practitioners who create sustainable solutions for society, and IT specialists who harness the disruptive technologies of the Fourth Industrial Revolution for the benefit of people everywhere.

Our academic community is deeply concerned about the future of humanity, especially when it comes to global challenges such as energy, food, infrastructure and data security. To tackle these, we combine knowledge from different fields—engineering, IT and the built environment—so that our solutions are more effective and impactful. Our work is inspired by the idea of Society 5.0, a vision of the future where technology such as AI, robotics and digital systems is used in a human-centred way. The goal is to create solutions that are sustainable not only for industry, but for everyday life as well, helping people live more comfortably and in harmony with technology.

A degree from the EBIT Faculty at the University of Pretoria equips students to become industry professionals who go beyond traditional concepts—finding solutions such as improving dams and sewerage systems to enhance water security, or designing sensors to monitor water quality.

Our graduates become built environment practitioners who design and plan spaces that improve daily life—for example, clinics and schools that are accessible to rural communities, housing close to job opportunities and infrastructure that enables efficient transport. They also become IT specialists who ensure access to secure data and develop ICT solutions that support health, education and food security. Our goal is to innovate while staying relevant to today's challenges.

ACCREDITATION

The various programmes in the School of Engineering are accredited by the Engineering Council of South Africa (ECSA), and the degrees meet the requirements for professional engineers in South Africa.

All the programmes in the School for the Built Environment are internationally recognised and accredited by their respective statutory councils, allowing students to register as members of their chosen professions. All the degree offerings in the School of Information Technology (SIT) are highly sought after in the IT industry with a focus on industry-related trends. The curriculum conforms to the highest international standards. We are very proud to be a member of the iSchools Organisation.

EBIT IS ORGANISED INTO FOUR SCHOOLS

- School of Engineering
- School for the Built Environment
- School of Information Technology
- Graduate School of Technology Management

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

Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

FACULTY OF ENGINEERING, BUILT ENVIRONMENT AND INFORMATION TECHNOLOGY AT A GLANCE

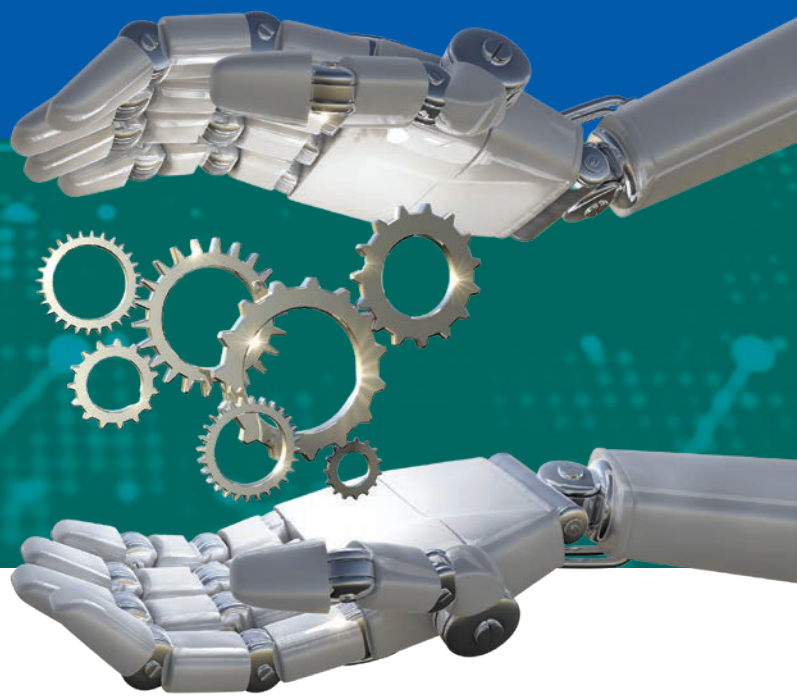
No. 1 in South Africa
for mechanical engineering (Shanghai Rankings; QS Rankings)

No. 1 in South Africa
for metallurgical engineering (Minerals Education Trust Fund)

Top 41 in the world
for mineral and mining engineering (QS Rankings)

72%
of academic staff members have doctorates

100
NRF-rated researchers



Offers 14
specialised academic departments spread across four schools including; School of Engineering, School for the Built Environment, School of Information Technology and Graduate School of Technology Management

Offers 22
accredited undergraduate degree programmes and 116 postgraduate programmes.

ABOUT THE FACULTY

TOP 384

EBIT is a source of locally relevant and internationally competitive programmes, and home to some of the University's exceptional researchers. We are one of the few academic faculties in Africa ranked among the top 750 in six different engineering and technology subject areas.*

- Minerals & Mining Engineering
- Chemical Engineering
- Mechanical & Aeronautical Engineering
- Electrical & Electronic Engineering
- Computer Science & Information Systems
- Material Science

WE HAVE WHAT YOU ARE LOOKING FOR

22	37	57	24	90+
Undergraduate programmes	Honours programmes	Master's programmes	Doctoral programmes	Academic laboratories

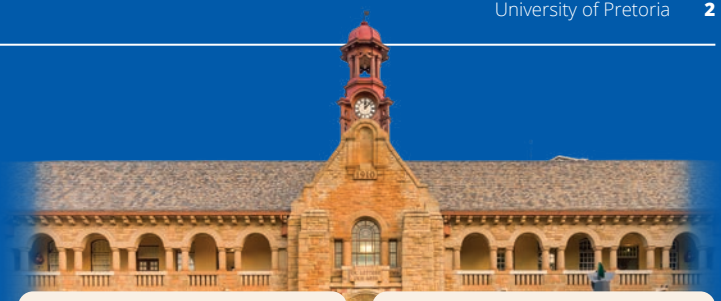
** Rankings based on 2025 QS World University Rankings*

Why #ChooseUP?

As one of the country's oldest and most prestigious universities, the University of Pretoria produces sought-after graduates, who become well-rounded, socially responsible citizens. The Faculty of Engineering, Built Environment and Information Technology (EBIT) is the largest of the University's nine faculties. The University strives to instill in its students, graduates and staff a realisation that every action in the present shapes the future, and encourages them to **make today matter.**

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

- Conditional admission to a four-year Engineering degree programme is only considered if a student meets all the requirements in the undergraduate minimum admission requirements table.
- Admission to the five-year Bachelor of Engineering programme [previously called ENGAGE] in the School of Engineering is based on NSC results, with a minimum of 65% in English, 65% in Mathematics, 65% in Physical Sciences and an Admission Point Score (APS) of 33.
- Students can apply directly for the five-year Bachelor of Engineering programme for any engineering discipline.
- If a prospective student meets the APS requirements but is not accepted into their first-choice programme, they may be considered for their second-choice programme.

University of Pretoria website www.up.ac.za/ebit

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

SCHOOL OF ENGINEERING

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Chemical Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 13.				
Bachelor of Engineering in Civil Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Science in Physics, Bachelor of Science in Construction Management and Bachelor of Science in Quantity Surveying				
Careers: Refer to 'Career Opportunities' section on page 15.				
Bachelor of Engineering in Computer Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Science in Physics and Bachelor of Information Technology in Information Systems				
Careers: Refer to 'Career Opportunities' section on page 21.				
Bachelor of Engineering in Electrical Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 18.				
Bachelor of Engineering in Electronic Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 19.				
Bachelor of Engineering in Industrial Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Science in Physics and Bachelor of Information Technology in Information Systems				
Careers: Refer to 'Career Opportunities' section on page 24.				
Bachelor of Engineering in Mechanical Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 28.				

**Please apply for your second-choice programme if your APS and subject requirements of your first-choice programme are not obtained.*

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Metallurgical Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 25.				
Bachelor of Engineering in Mining Engineering [4 years]	5	6	6	**35**
Suggested second-choice programmes*: Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics				
Careers: Refer to 'Career Opportunities' section on page 29.				
Bachelor of Engineering [5 years] This is a five-year programme for all Engineering disciplines. *Previously called ENGAGE*	65%	65%	65%	**33**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				
Note: The admission requirements above are relevant to prospective students who will commence their studies in 2027. Admission to the five-year programme in the School of Engineering will be determined by the NSC results.				

SCHOOL FOR THE BUILT ENVIRONMENT

Programmes	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Architecture [3 years]	5	4	4	**30**
Will only be considered as first study choice. Selection programme: Selection includes an interview.				
Careers: Refer to 'Career Opportunities' section on page 36.				
Bachelor of Science in Construction Management [3 years]	5	5	or Accounting 4	**30**
Suggested second-choice programme*: Bachelor of Science in Real Estate				
Careers: Refer to 'Career Opportunities' section on page 37.				
Bachelor of Science in Real Estate [3 years]	5	5	or Accounting 4	**30**
Suggested second-choice programme*: Bachelor of Commerce in Investment Management				
Careers: Refer to 'Career Opportunities' section on page 41.				
Bachelor of Science in Quantity Surveying [3 years]	5	5	or Accounting 4	**30**
Suggested second-choice programmes*: Bachelor of Science in Construction Management and Bachelor of Science in Real Estate				
Careers: Refer to 'Career Opportunities' section on page 39.				
Bachelor of Town and Regional Planning [4 years]	5	4	-	**30**
For advice on a second-choice programme, please consult a Student Advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				
Careers: Refer to 'Career Opportunities' section on page 44.				

**Please apply for your second-choice programme if your APS and subject requirements of your first-choice programme are not obtained.*

UNDERGRADUATE PROGRAMMES

SCHOOL OF INFORMATION TECHNOLOGY

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Information Systems [3 years]	5	5	**30**
This programme is administered by the Faculty of Economic and Management Sciences. **Suggested second-choice programme*:** Bachelor of Information Technology in Information Systems			
Careers: Refer to 'Career Opportunities' section on page 50.			
Bachelor of Information Science [3 years]	4	-	**28**
Suggested second-choice programmes*: Bachelor of Information Science specialising in Publishing and Bachelor of Arts			
If specialising in Information Systems is selected as a subject at the first-year level, an achievement level of 5 is required in Mathematics. **Careers:** Refer to 'Career Opportunities' section on page 53.			
Bachelor of Information Science specialising in Publishing [3 years]	5	-	**28**
Suggested second-choice programmes*: Bachelor of Information Science, Bachelor of Arts specialising in Languages and Bachelor of Arts			
Careers: Refer to 'Career Opportunities' section on page 54.			
Bachelor of Information Science specialising in Multimedia** [3 years]	4	5	**30**
Suggested second-choice programmes*: Bachelor of Information Science, Bachelor of Information Science specialising in Publishing, Bachelor of Science in Information Technology in Information and Knowledge Systems and Bachelor of Information Technology in Information Systems			
Careers: Refer to 'Career Opportunities' section on page 52.			
Bachelor of Information Technology in Information Systems [3 years]	5	5	**30**
Suggested second-choice programme*: Bachelor of Information Science			
Careers: Refer to 'Career Opportunities' section on page 49.			
Bachelor of Science in Computer Science [3 years]	5	6	**30**
Suggested second-choice programmes*: Bachelor of Science in Information Technology in Information and Knowledge Systems and Bachelor of Commerce specialising in Information Systems			
Careers: Refer to 'Career Opportunities' section on page 47.			
Bachelor of Science in Information Technology in Information and Knowledge Systems [3 years]	4	6	**30**
Suggested second-choice programme*: Bachelor of Technology in Information Systems			
Careers: Graduates will differentiate themselves in an application environment by choosing one of the following options: data science, genetics, geographical information systems, IT and enterprises, IT and law, IT and music or software development.			

** Please apply for your second-choice programme if your APS and subject requirements of your first-choice programme are not obtained.*
*** Possible name change to: Bachelor of Information Science specialising in Interactive Technology*

TAKING TEACHING AND LEARNING TO THE NEXT LEVEL

The Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria attracts students who want to make the world a better place. These are individuals who want to contribute to global challenges by developing solutions that support life in every conceivable discipline. They are focused on the bigger picture: contributing to the world economy and job creation, food security, energy security and sustainable development.

The University's approach to teaching and learning combines inquiry-based, hybrid and community-based learning.

Building on this, the Faculty has developed a progressive teaching and learning strategy aimed at improving pass rates, helping students complete their degrees on time and ensuring they excel in their studies.

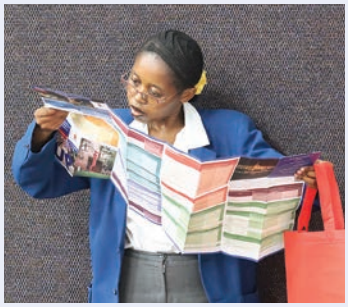
This strategy is rooted in a culture of excellence and transformation, while also guiding the Faculty's use of the University's hybrid teaching model. Through these practices, EBIT continues to strengthen its international reputation for teaching and learning.

Lecturers in the Faculty are encouraged to use creative and innovative teaching methods that not only improve academic performance but also prepare students for the Future of Work. The goal is to graduate professionals who are both highly qualified and equipped with empathy and people skills to make a meaningful contribution in their workplaces.

To achieve this, the Faculty has embraced immersive learning—an approach that gives students real-world project experience in a safe environment, where they can test ideas and explore multiple solutions.

The Faculty also stays up to date with new technologies, such as ChatGPT, making students aware of potential risks while also exploring how such tools can enhance learning, comprehension and critical thinking. At its core, the Faculty believes that shaping tomorrow begins with adopting innovation today.

LOOK OUT FOR OUR **TEAM** AT EXPOS, EXHIBITS, CAREER DAYS AND SCHOOL VISITS.



EBIT WEEK

JOIN US FOR EBIT WEEK 5-9 JULY 2026

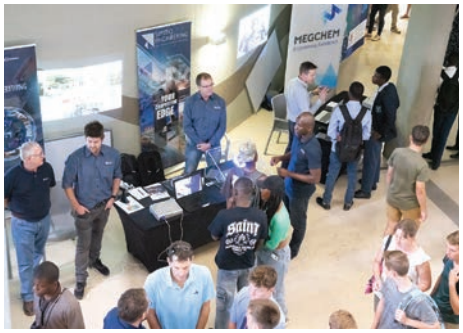
Do you want to experience first-hand what it is like to be a student in the Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria? Attending our EBIT Week gives you the perfect opportunity.

EBIT Week is a four-day holiday programme presented twice a year to learners in Grade 9, 10 and 11. It provides prospective students with a hands-on opportunity to gain information about all the disciplines offered in the School of Engineering, the School for the Built Environment and the School of Information Technology.

Learners are introduced to both the practical and theoretical aspects of the programmes in these schools to help them make informed career choices. They also obtain industry exposure on-site or off-campus.

CONNECT WITH US

YOU ARE INVITED TO THE **NEXTGEN OPEN DAY** ON 7 MARCH 2026



CONNECT WITH US

MEET YOUR LEADERS AT ORIENTATION WEEK, FROM 2-5 FEBRUARY

EBIT HOUSE

Nomvula Shingange
Chairperson

Tintswalo Masinge
Vice Chairperson

Lesego Letsie
Internal Culture

Boitshepo Mokaila
Industrial

Celeste Ndzinisa
Treasurer

Simphiwe Khoza
Academics

Kamogelo Mothapo
Community Outreach

Resego Mthowagae
External Culture

Viwe Kaptein
Sports

Sphe Mhlongo
Transformation & Post-Grad

Siboongile Sibeko
Sub House

STUDENT SUPPORT AND STUDENT LIFE

The Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria emphasises the importance of solid student support systems to ensure that students can complete their qualifications in the minimum prescribed time.

Through effective academic support, students have a firm foundation from which to launch their future careers. At the same time, they become aware of the importance of contributing their time and skills to communities that do not have the same advantages they do.

STUDENT LIFE

While the Faculty expects total commitment from its students with regard to individual and group work, it also encourages them to actively participate in student life. This supports the development of well-rounded future leaders.

The University hosts a wide range of student life activities through campus organisations like the Student Representative Council (SRC), Student Culture (STUKU), the Student Sport Committee (SSC) and University's student charity organisation, RAG (Reach Out and Give).

The Faculty's students automatically become part of EBIT House, a student structure that forms part of the SRC sub-structure. EBIT House represents students and acts as a communication channel between the Faculty and its students. EBIT House offers academic, professional and personal development opportunities.

Within EBIT House, students can find a variety of discipline-specific subhouses through which they can become involved in more specialised student activities.

STUDENT SUPPORT

The Foundation Programme
The University's Foundation Programme focuses on providing educational pathways into science, technology, engineering and mathematics (STEM) fields. Presented on the Mamelodi Campus, qualifying students complete their first year through this programme before entering a mainstream programme.

Bachelor of Engineering [5-year programme]
This is a carefully structured five-year curriculum that is offered in all engineering disciplines. The volume of work is gradually increased over a period of three years. The students work in parallel with the mainstream students, but in smaller groups. They join the mainstream programme from their second academic year of study.

Academic success coaches
EBIT's academic success coaches provide assistance with study and examination skills, time management and support with other co-curricular issues. Academic success coaches teach students life skills through development interventions so that they can become well-rounded individuals, employers or employees and responsible citizens. The advisors are all professional counsellors, who can identify issues that may require additional professional support.

Read more:
www.up.ac.za/ebit-academic-success-coaches

COMMUNITY ENGAGEMENT

EBIT students strengthen their ability to work in complex, multicultural environments through the Faculty's focus on community engagement. A key part of this is the Community-based Project module (JCP), which forms part of every undergraduate programme. In this module, students spend 40 hours planning and carrying out a community project, giving their time and skills to serve others.

By working with communities different from their own, students develop not only technical skills but also important life skills such as communication, teamwork, leadership and cultural awareness.

Read more: www.up.ac.za/community-project-module

SCHOOL OF ENGINEERING

SCHOOL OF ENGINEERING DEPARTMENTS

- Department of Chemical Engineering 11
- Department of Civil Engineering..... 13
- Department of Electrical, Electronic and Computer Engineering..... 15
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- Department of Materials Science and Metallurgical Engineering 23
- Department of Mechanical and Aeronautical Engineering..... 25
- Department of Mining Engineering..... 27

DISCOVER THE CAREER BENEFITS OF A POSTGRADUATE QUALIFICATION:
FIND SPECIALISATIONS

The School of Engineering presents programmes in all the major engineering disciplines, with many specialisations offered at postgraduate level. It is ranked 384TH out of more than 10 000 engineering schools in the field of engineering and technology.

The Engineering Council of South Africa (ECSA) has granted accreditation to all programmes offered by the School of Engineering at the University of Pretoria. The School is one of the largest of its kind in the country in terms of student numbers, graduates and research contributions.

Through the relevant, cutting-edge research undertaken in the engineering departments, we provide our students with the necessary training to enable them to make a considerable contribution to engineering in South Africa and abroad.

The School maintains close ties with industry through several research chairs in all its departments. It also pursues innovation in its research centres and institutes.

MAKE AN IMPACT

EBIT focuses its research on impacting global challenges. The School of Engineering actively contributes to research in the following Sustainable Development Goals (SDGs) of the United Nations:

- **SDG 7:** Affordable and Clean Energy
- **SDG 9:** Industry, Innovation and Infrastructure
- **SDG 12:** Responsible Consumption and Production
- **SDG 13:** Climate Action

SCHOOL OF ENGINEERING

Department of Chemical Engineering

Bachelor of Engineering in Chemical Engineering

A chemical engineer, also known as a process engineer, finds ways to convert cheap raw materials into more valuable products. Theoretical knowledge of chemistry is required, but the field mostly focuses on the application of intense mathematics to make processes as efficient as possible.

What does the programme entail?

The programme provides students with the necessary foundation to ensure that once they have graduated, they will be able to make creative contributions to the world's ever-increasing needs by:

- Converting natural resources into efficient and useable forms of energy
- Developing more durable, lighter and renewable materials
- Designing more efficient, environmentally friendly processing plants
- Applying biotechnology to convert raw materials into products in a sustainable way
- Designing processes to ensure that limited natural resources, such as water, can be reused
- Leaving a clean and sustainable environment behind for future generations

The programme builds a strong foundation in chemistry, physics, mathematics and biology, together with the principles of mass, energy and momentum conservation. Students then apply these concepts alongside economic principles to design equipment and processes that are efficient and profitable, supporting industrial and economic growth. The goal is to produce graduates who can create new and innovative processes to meet future needs.

Who is the ideal candidate?

The ideal candidate should:

- Have a passion for mathematics
- Enjoy problem solving
- Enjoy challenges
- Be hard-working
- Be creative and an independent thinker
- Have drive and ambition
- Be a team player

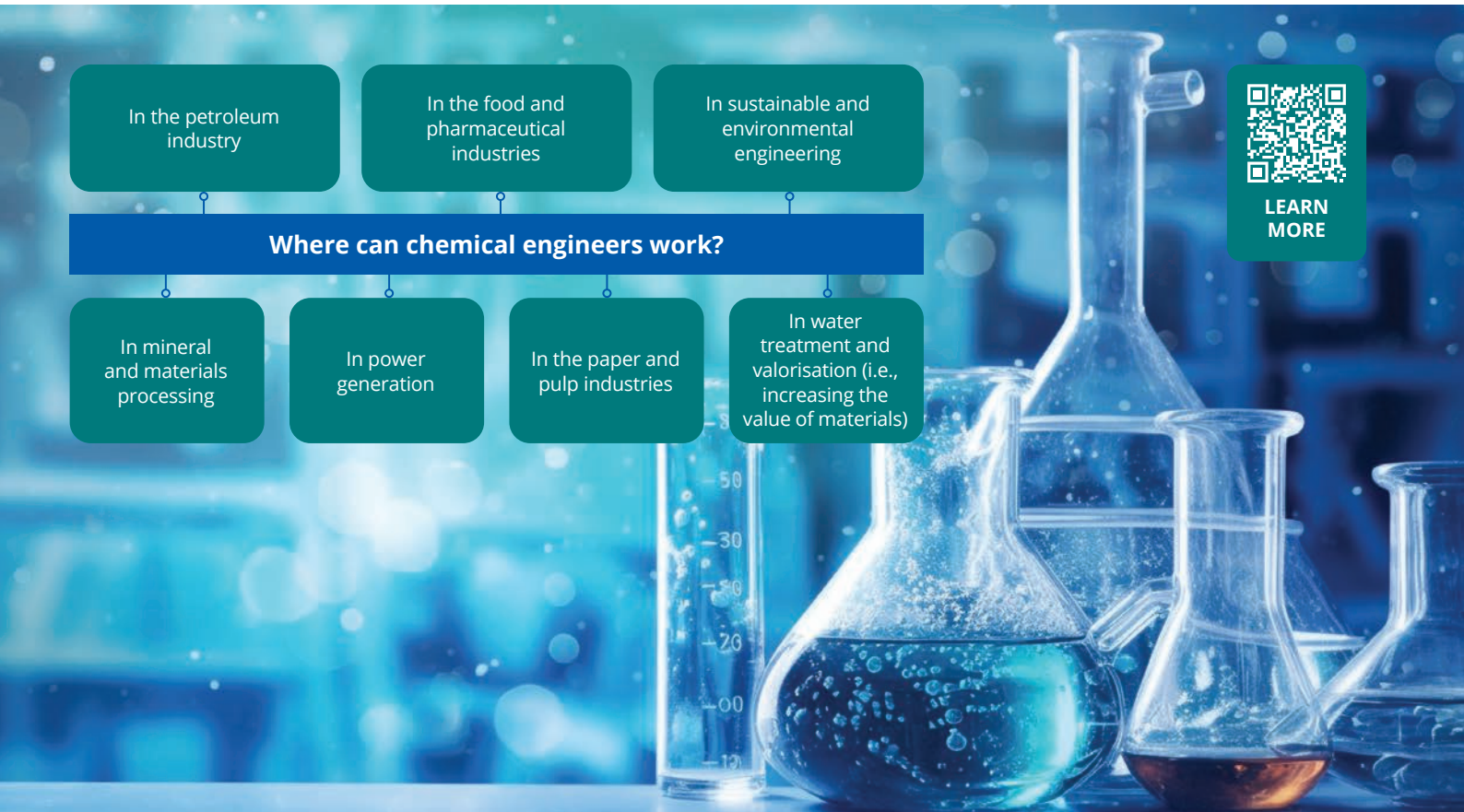
This discipline is welcoming to both men and women, and the number of female students continues to grow. In the past three years, women have made up 40% of the Department's graduates.

Career opportunities

Chemical engineers work in industrial processes that turn raw materials into higher-value products.

They apply knowledge in fields such as petroleum, food, minerals processing, power generation, paper and pulp, water and effluent treatment and environmental engineering (e.g., air pollution control).

They are involved in research and development, process design and optimisation, equipment and plant design, construction, commissioning, operation and management. They may also work in marketing and distribution of products.



SCHOOL OF ENGINEERING

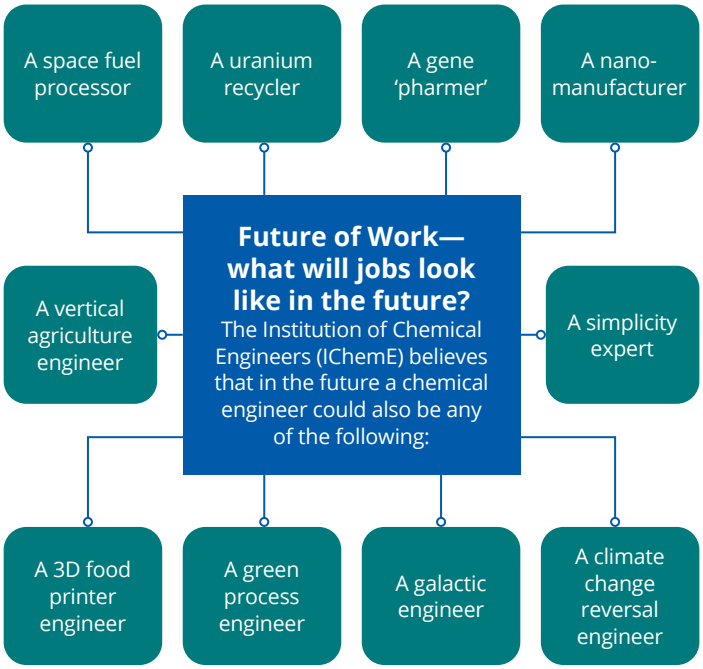
Bachelor of Engineering in Chemical Engineering *(continued)*

Which companies employ our graduates?

Chemical engineers in South Africa may work in companies such as:
Sasol, Golder/WSP, Veolia Water, Appropriate Process Technologies (APT), Hoechst South Africa, Afrox, Bayer, Sucrochem, Shell Chemicals, BASF, Engen Petroleum, Silicates & Chemicals Africa, ICI, Rohm & Haas, Omnia, Chemserve Systems, Fine Chemicals Corporation, Noriscel, Henkel, Revertex Chemicals, CH Chemicals, ChemPro, Carbon Trust, McKinsey & Company and Kimberly-Clark.

Postgraduate studies

At the postgraduate level, the Department of Chemical Engineering focuses on the following research themes:
- Sustainable environment and water utilisation processes
- Sustainable and efficient energy processes
- Advanced and applied materials
- Process modelling, control and optimisation
(www.up.ac.za/ebit-postgraduate)



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Chemical Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Chemical Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

Contact information **Tel** +27 (0)12 420 3011 | **Email** chemeng@up.ac.za
Websites www.up.ac.za/chemical-engineering | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING

Department of Civil Engineering

Bachelor of Engineering in Civil Engineering

Civil engineers create facilities that improve people's lives and the environment. Their work includes research, planning, design, construction and ongoing maintenance of various structures.

Civil engineers design, build and maintain:
- Tower blocks and skyscrapers
- Dams, canals and pipelines
- Roads, bridges and tunnels
- Railway lines and airports
- Power stations and towers
- Waterworks and outfall installations

Because these facilities have long lifespans and affect communities and the environment, civil engineers are trained to:
- Handle analytical design tasks
- Consult directly with communities and stakeholders
- Ensure projects are cost-effective and beneficial to society

Modern information technology and computer software have changed civil engineering by enabling continuous data collection, mathematical modelling and more efficient design. As a result, civil engineers can focus on the fundamental aspects of developmental work and design.

Environmental engineering and management are now key parts of training, providing graduates with a broad-based qualification that offers challenging and adaptable career opportunities over a career span of 40–50 years.

In 2020, the Department opened its Engineering 4.0 facility, featuring state-of-the-art laboratories and training facilities to support the engineers of the future.

What makes this programme unique?

Our programmes in the School of Engineering are accredited by the Engineering Council of South Africa (ECSA), and our degrees meet the requirements for professional engineers in South Africa.

Who is the ideal candidate?

The ideal candidate is someone with:
- A passion for continuous learning
- People-management skills
- Good planning skills
- Problem-solving skills

Career opportunities

To build smart cities, future civil engineers need advanced skills in robotics, artificial intelligence, the Internet of Things (IoT) and satellite technology. They must combine fundamental knowledge in materials science, engineering mechanics, and dynamics with an understanding of the environment and how it affects materials.

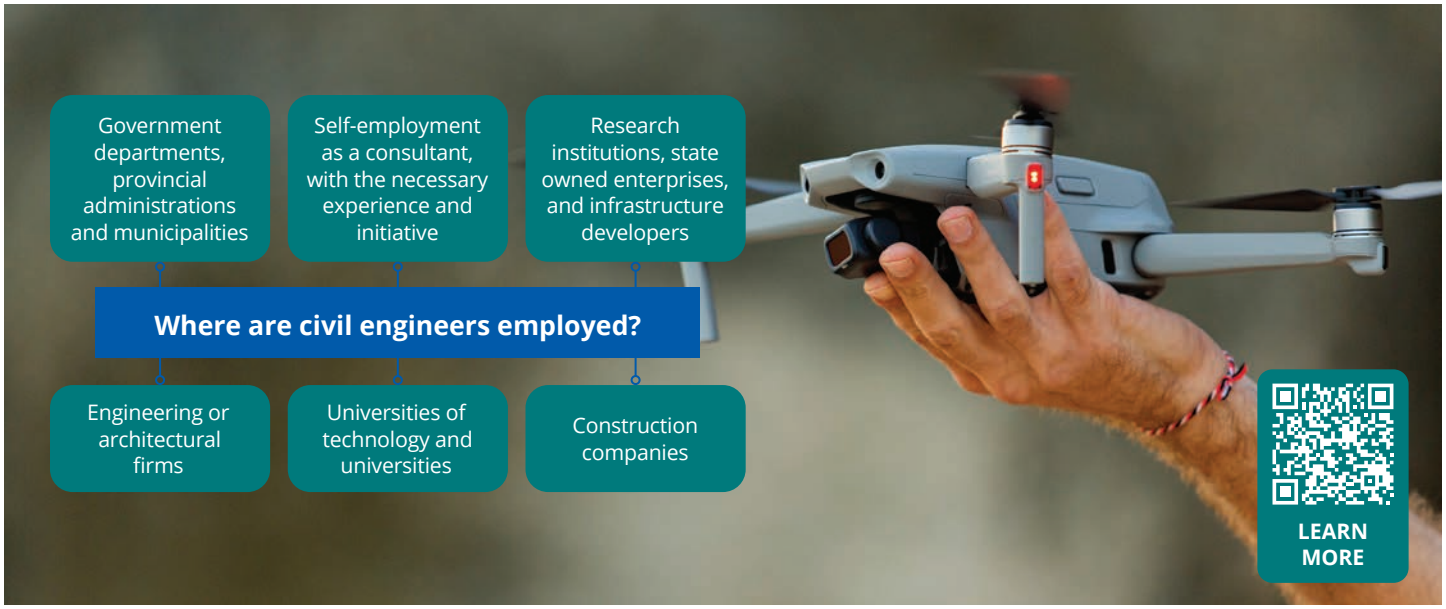
Civil engineers also need the ability to use data and models to analyse interactions between materials, traffic and the environment. For example, advances in autonomous vehicles, nanotechnology, and traffic patterns may change road design, materials and pavement surfaces.

For more information visit: www.up.ac.za/eng4

Which companies employ our graduates?

A civil engineer can find work in any company involved in development, design, construction and management of infrastructure and related services.

For more information visit:
www.careerexplorer.com/careers/civil-engineer.



SCHOOL OF ENGINEERING

Bachelor of Engineering in Civil Engineering *(continued)*

The Chair in Railway Engineering in the Department of Civil Engineering at the University of Pretoria was established in 1996 when Spoornet (now Transnet Freight Rail) initiated a partnership between industry and the university. This partnership revolves around three major aspects: graduate training, continuing education courses for industry and railway research. At the graduate level, students in Civil Engineering are taught the basics of railway engineering as part of their transportation studies. The Chair currently offers 16 short courses delivered by local and international experts in a wide range of railway engineering fields. All courses are registered with ECSA for Continuing Professional Development (CPD) credits, and some are also credit-bearing, such as the coursework honours in transportation engineering.

READ THE FULL STORY

The University of Pretoria (UP), in collaboration with Anglo American, recently established a top-of-the-range mobile soils testing laboratory for the purposes of assessing the strength of samples of mining waste—known as mine tailings or slimes—on site. The laboratory, housed in an eight-ton truck, will enable sensitive soil samples to be subjected to a range of sophisticated tests in the vicinity of the area in which they are recovered. The use of this mobile facility will prevent sample disturbance associated with long-distance transport to laboratories.

READ THE FULL STORY

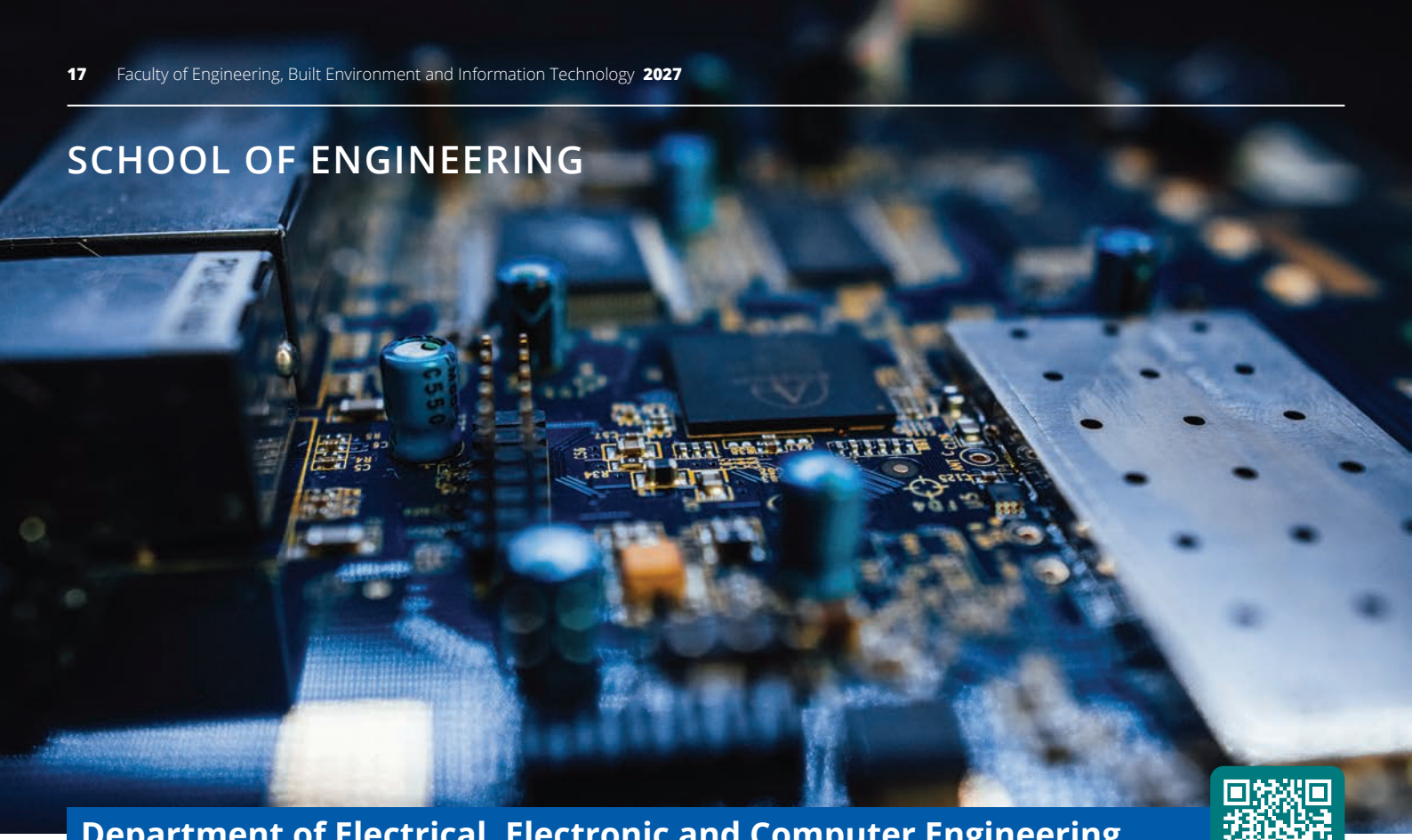
Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Engineering in Civil Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Civil Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Science in Physics, Bachelor of Science in Construction Management and Bachelor of Science in Quantity Surveying if your APS and subject requirements of your first-choice programme are not obtained.

Contact information Ms Hayley Boks | **Tel** +27 (0)12 420 2925 | **Email** hayley.boks@up.ac.za
Websites www.up.ac.za/civil-engineering | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING



Department of Electrical, Electronic and Computer Engineering

Bachelor of Engineering in Electrical Engineering

Electrical engineering is one of the main branches of engineering, along with electronic and computer engineering. This programme focuses on how energy is generated, distributed and used. Almost all modern technology depends on electrical power. Electrical engineers play a key role in finding new ways to bring alternative and renewable energy, such as solar, wind, water and nuclear power, into daily life.

In South Africa, for example, pumped storage systems are widely used, and new energy systems are being developed. Electrical engineers also work on making energy use more efficient, designing everything from machines to geysers and lighting to save power.

There is a worldwide shortage of qualified electrical engineers, which makes this career in high demand. Students in this programme gain a solid foundation in science, along with both theory and practical training in design, installation and maintenance.

Who is the ideal candidate?

The ideal candidate is someone with:

- Critical thinking skills
- Problem solving skills
- Critical thinking skills
- Innovative thinking skills
- Analytical skills

What makes this programme unique?

Our programmes are internationally accredited by the Engineering Council of South Africa (ECSA).

Which companies employ our graduates?

Electrical engineering graduates have access to a wide range of job opportunities. The advances in electrical energy generation and distribution create tremendous opportunities for entrepreneurs in South Africa and in the rest of the world.

Research and development opportunities are available locally at institutions such as Denel, Eskom, the Council for Scientific and Industrial Research (CSIR) and Transnet.

Where are electrical engineers employed?

- Electricity utility companies
- Mining houses
- Municipalities
- Consulting engineering firms
- Transportation (rail and sea) companies
- Research organisations, locally and abroad

Due to the current worldwide energy crisis, there is an urgent need for environmentally friendly ways to generate power and energy. There is a bright future in renewable energy.

LEARN MORE

SCHOOL OF ENGINEERING

Bachelor of Engineering in Electrical Engineering *(continued)*

Career opportunities

Electrical engineering is prevalent in almost all application fields and technologies where electrical energy is consumed. Every known piece of equipment requires a source of energy—powered by mains, batteries or photovoltaic (PV) cells—and needs the skill of an electrical engineer.

The transport and manufacturing industries are excellent examples of industries in which electrical engineers use their superior skills to design, develop and maintain electrical machines (motors and generators) with control systems for optimal performance. Most ships and trains are electrically powered.

Electrical engineers also work on power supply systems in cities, townships, malls and factories. They design and manage lighting for both indoor and outdoor spaces, such as sports stadiums, streets, offices and even security and entertainment areas.

No matter the field—whether it is medicine, the military, entertainment, sports or education—electrical engineers play a role in providing the energy and control systems that keep things running. The goal of electrical engineering is to find new and sustainable ways to generate, transmit and use energy to improve the world.

Examples of subsystems that are part of larger electrical systems include:

- Electrical machines of all sizes and shapes
- Power electronics
- Control systems
- Power system components
- Power quality and network stability
- Lamps and lighting
- Power supplies
- Photovoltaic (PV) cells
- Solar geysers
- Space systems
- Robotics and energy management systems

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Electrical Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Electrical Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

Contact information Prof Herman Myburgh | **Tel** +27 (0)12 420 4540 | **Email** eerc@up.ac.za
Websites www.up.ac.za/eece | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING

Department of Electrical, Electronic and Computer Engineering

Bachelor of Engineering in Electronic Engineering

Electronic engineering is a fast-growing field that shapes almost every part of modern life. Nearly all technology today depends on electronics in some way. Electronic engineers play a key role in creating new technologies and improving existing ones.

To do this work, they need a strong foundation in science as well as both theoretical knowledge and practical skills, such as design. With the rapid growth of new electronic systems around the world, electronic engineers must be ready to adapt and meet industry needs.

Electronic engineering is an exciting field that is always changing. Because technologies like microelectronics and photonics improve so quickly, new advances happen about every two-and-a-half years.

The goal of electronic engineering is to make things work faster, cost less, be smaller in size and give better control. Typical subsystems that form part of larger electronic systems include:

- Amplifiers
- Transmitters and receivers
- Control and sensor systems
- Antennas
- Power supplies
- Radio frequency (RF) subsystems
- Micro and nanoelectronics and microprocessors
- Digital signal processors (DSPs)

What makes this programme unique?

The academic programme at the University of Pretoria prepares students to become leaders in the field of electronic engineering—with excellent financial rewards and professional satisfaction. This programme is internationally accredited.

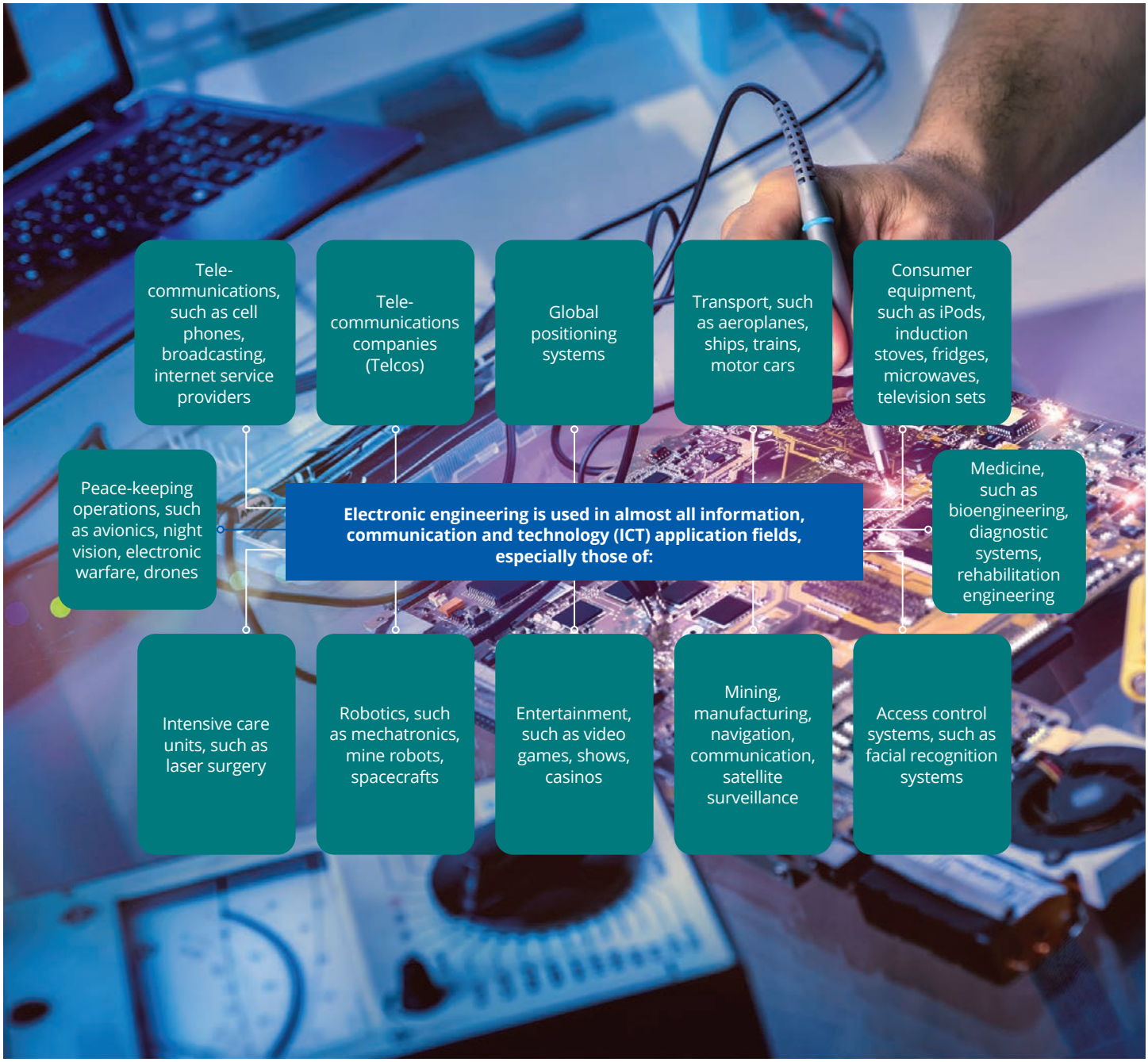
Career opportunities

Electronic engineering graduates have access to a wide range of job opportunities, which include working for companies (large or small) anywhere in the world as employees, or being entrepreneurs or self-employed. Research and development opportunities are available at South African electronics and microelectronics companies and research institutes (such as the CSIR), and at universities all over the world. Graduates in electronic engineering have the opportunity to be innovative, e.g. to identify real-life problems and to come up with solutions, which they might be able to patent.

From 2026, three options for specialisation are presented for a postgraduate qualification: Biomedical Engineering, Robotics and Automation.

SCHOOL OF ENGINEERING

Bachelor of Engineering in Electronic Engineering *(continued)*



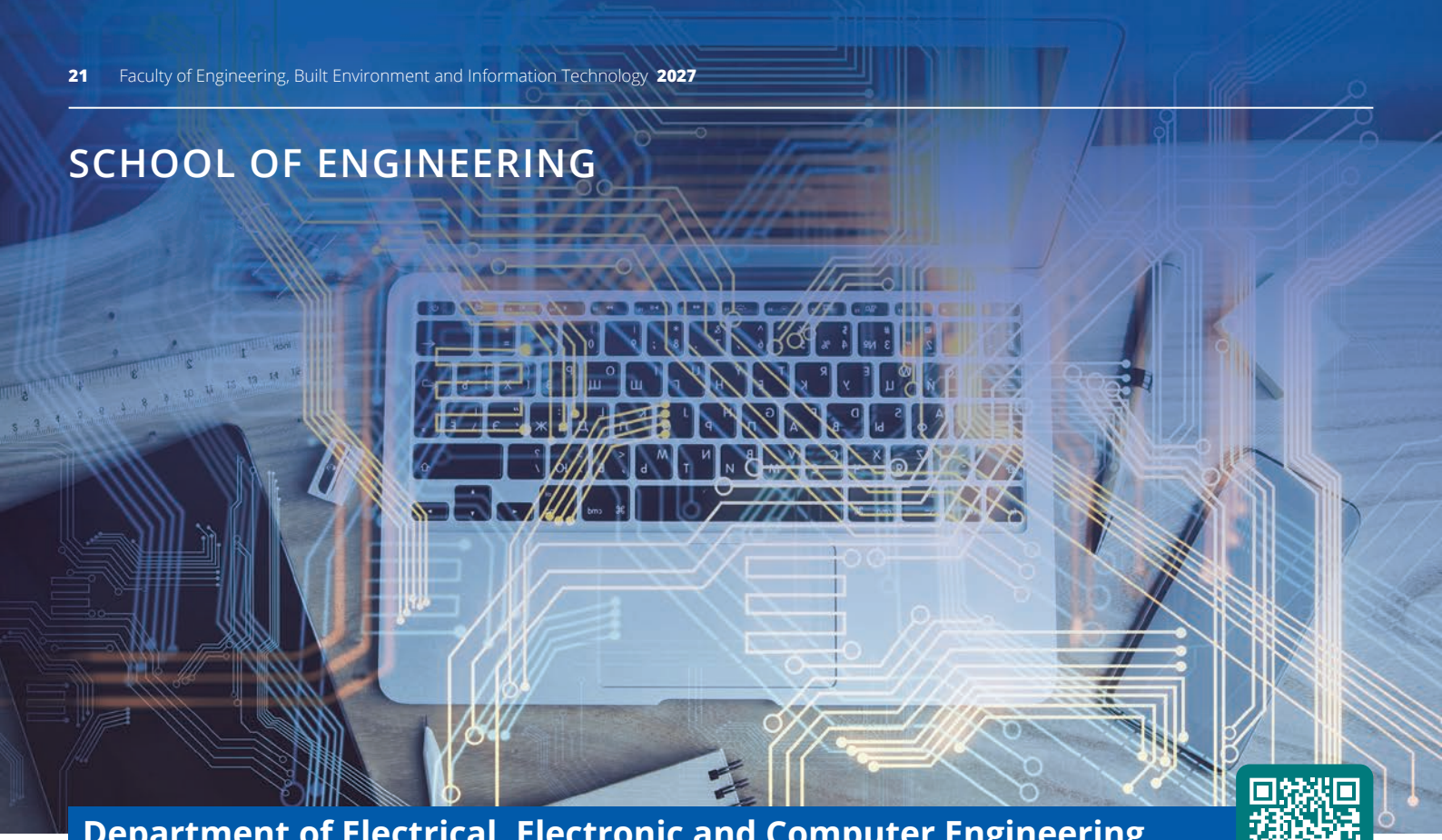
Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Engineering in Electronic Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Electronic Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

Contact information Prof Herman Myburgh | **Tel** +27 (0)12 420 4540 | **Email** eerc@up.ac.za
Websites www.up.ac.za/eece | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING



Department of Electrical, Electronic and Computer Engineering

Bachelor of Engineering in Computer Engineering

Computer engineering is one of the fastest-growing engineering fields within information and communication technology (ICT). Almost every modern system in the world depends on it. This field combines electronics, computer hardware and software and communication systems. A computer engineer is someone who improves electronic systems by adding computing power and control software. Their work ranges from small microcontroller networks to the worldwide web.

Computer engineers need a strong foundation in science and a solid education in both theory and practice. This includes electronics, digital systems, computer systems and control software. With today's rapid growth in computing power and storage, and the drop in cost and size of technology, computer engineering now plays a role in nearly every modern system.

Examples of computer engineering include cell phone technology, car-control computers for engine management, entertainment systems, security systems, air-conditioning systems, active suspension and anti-lock braking systems (ABSs), which all use the principles of sensing, computing and actuation under optimised software control. This is the fastest-growing new discipline in engineering, and job opportunities for graduates exist all over the world.

Who is the ideal candidate?

The ideal candidate needs the following skills:
- A sound understanding of basic sciences
- A talent for optimising electronic systems and control software
- A problem-solving mind

Career opportunities

Computer engineering is used in the following fields:
- Telecommunications
- Computer networking
- Cell phone operations
- Computer system companies
- Military technologies (avionics, night vision, electronic warfare, drones)
- Transport technologies
- Internet banking
- Security systems
- Consumer equipment
- Modems, hand-held scanners
- Voting
- Medical systems (portable and remote diagnostic recorders)
- Robotics
- Entertainment equipment
- Global positioning system (GPS)
- Navigation
- Measurement and control software
- Fibre-optic (self-healing) networks

Computer engineering graduates have access to a wide range of job opportunities, which include working for a company (large or small) anywhere in the world as an employee, being an entrepreneur or being self-employed. Research and development opportunities are available in the fields of communication, computer systems, networking and peace-keeping operations, and in medical, transportation, software and electronics companies in South Africa and all over the world. This provides opportunities for innovation: thinking of a problem to be solved and coming up with a solution and even possibly patenting the idea. The academic programme at the University of Pretoria prepares students to become leaders in the field of computer engineering—with excellent financial rewards and professional satisfaction.

From 2026, three options for specialisation are presented: Biomedical Engineering, Robotics and e-Business and Network Securtiy.

SCHOOL OF ENGINEERING

Bachelor of Engineering in Computer Engineering *(continued)*

UP GRADUATE'S RESEARCH AIMS TO RESTORE MOBILITY FOR PARAPLEGICS

A breakthrough in rehabilitation for paraplegics may be just around the corner, thanks to Dian Meintjes, a University of Pretoria (UP) graduate of the Faculty of Engineering, Built Environment and Information Technology.

For his final-year research project, Meintjes – who graduated with a Bachelor of Engineering in Computer Engineering during UP's recent autumn graduation session – focused on improving the quality of life for individuals who have lower-limb mobility difficulties, specifically paraplegics.

'My motivation for my research stemmed from my desire to use engineering to improve the quality of life for individuals with spinal cord injuries', Meintjes says. 'My undergraduate journey was eventful; I learnt all about electronics and software. All the bits and pieces contributed to my final-year project.'

His project involved the development of a functional electrical stimulation (FES) system. 'This system has feedback control to assist paraplegic individuals to stand and walk', Meintjes explains. 'This project required learning about Kalman filtering and biomedical signal processing.'

The Kalman filter is an algorithm that can take noisy measurements and use them to create accurate estimates of unknown variables. The research also required Meintjes to design and manufacture unique parts so that the system could perform optimally.

'The Kalman filter significantly improved the system's joint angle estimation accuracy when compared to raw sensor data', he says.

Meintjes also found a reliable, low-voltage method to deliver stable electric currents through electrodes attached to the surface of the skin.

'This, in turn, contributed to the system being able to generate sit-to-stand gait patterns that could be tracked and modified in real-time.' He hopes his research will contribute to the development of affordable, safe and effective FES systems that can restore partial mobility in paraplegic patients.

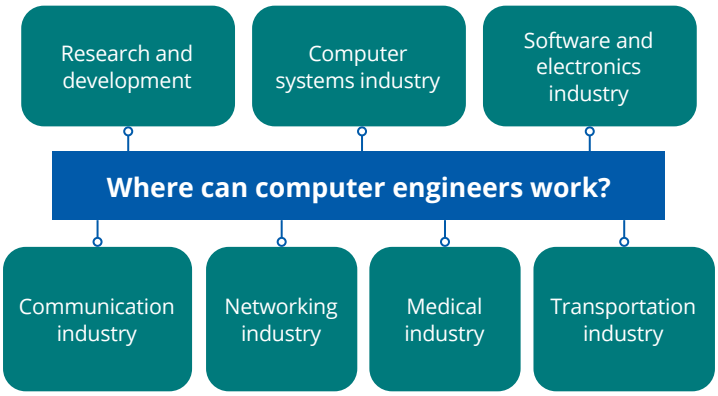
'Ideally, my research could support future clinical implementations and form the foundation for advanced rehabilitation devices that use real-time feedback for personalised therapy', Meintjes adds.

The importance of his research became apparent to him during the research and development phase of the project.

'I observed the accuracy of the gait controller and stimulation circuits, and saw how it could mimic natural movement. Another important finding was my observation of how the use of human movement modelling can assist surgeons prior to surgery. Ultimately, my project aims to address limitations in existing FES systems by improving their adaptability and reducing their complexity, which will make them more accessible and available for broader use for rehabilitation purposes.'

Meintjes is pursuing a career as a junior embedded software engineer, and is considering doing a master's degree in Biomedical Engineering.

'I would like to explore advanced rehabilitation technologies or AI-assisted movement prediction and control', he says. 'I am also considering the possibility of taking courses that will expand my knowledge of biomedical, electronic and embedded software engineering.'



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Computer Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Computer Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Information Technology in Information Systems and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

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Websites www.up.ac.za/eece | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING

Department of Industrial and Systems Engineering

Bachelor of Engineering in Industrial Engineering

Industrial engineers focus on improving productivity by designing, testing, planning and managing systems that bring together people, equipment, materials, information and energy. They work to make these systems more efficient and effective. Industrial engineers also combine the work of other engineering fields to create a final product or service that is both functional and marketable. The demand for industrial engineers currently exceeds the supply, and graduates are virtually assured of employment.

What industrial engineers do:

- Design and manage production processes and equipment
- Improve factory and workplace layouts
- Make business processes more effective
- Create and use information systems
- Set and apply performance standards
- Help with decision-making
- Plan and schedule work activities
- Analyse systems using maths and simulations
- Compare costs and benefits of different options
- Fit new systems into existing ones

Who is the ideal candidate?

The ideal candidate is someone with:

- Problem-solving skills
- Critical thinking skills
- Project management skills
- Communication and organisation skills

Are these the types of questions you want to get the answers to?

How do we get products to the customer **faster** and **cheaper**?

How do we get passengers to their destination **safely** and **on time**?

What data do we need for **effective** decision making, and how can we source it?

How do we turn this data into actionable information that helps us make **tough decisions**?

How should we manage inventory levels of products in a warehouse or store to **minimise cost**?

What is the **best** factory layout and handling system for the movement of parts in a factory?

How can we best route vehicles through a city to **minimise** travel time?

SCHOOL OF ENGINEERING

Bachelor of Engineering in Industrial Engineering *(continued)*

It's all about efficiency

Balancing man, money and machine

Structure of the programme

- General Engineering (e.g. Manufacturing and Design, Statistics, Mechanics)
- Industrial Engineering (e.g. Simulation Modelling, Logistics, Information Systems Design, Facilities Planning)
- Mathematics (e.g. Calculus, Linear Algebra, Numerical Methods)
- Sciences (e.g. Physics, Chemistry, Social Sciences)
- Programming
- Financial Management and Management Accounting
- Labour Relations and Business Law
- Workshop Practice and Practical Training

Why choose the University of Pretoria

- The Department of Industrial and Systems Engineering is the first and still the **largest** industrial engineering school in South Africa.
- The School of Engineering has been ranked **among the top in Africa** by the US News and World Report.
- The University was ranked in the top **384 universities worldwide** for engineering and technology in the QS World University Rankings.
- UP's School of Engineering programmes are accredited by the Engineering Council of South Africa (ECSA), and our degrees meet the requirements for professional engineers in South Africa.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Industrial Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Industrial Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics, Bachelor of Information Technology in Information Systems and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

Careers: Industrial engineers design, test, implement and manage a wide range of man/machine systems for production and the delivery of services. Organisational matters that require optimisation include site selection and layout of facilities, manufacturing, inventory control, materials handling, supply chain management, quality management, cost control, financial services, maintenance, reliability, computer simulation, information systems, human resources and business law.

Contact information Prof Sarma Yadavalli | **Tel** +27 (0)12 420 2979 | **Email** sarma.yadavalli@up.ac.za
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SCHOOL OF ENGINEERING

Department of Materials Science and Metallurgical Engineering

Bachelor of Engineering in Metallurgical Engineering

South Africa is rich in minerals, with the world's largest deposits of platinum, chromium and manganese, as well as significant reserves of gold, iron, copper, nickel, coal, vanadium and diamonds.

The minerals industry is a major part of the economy, contributing nearly half of the country's exports and providing a wide range of job opportunities. Metallurgical engineers play a key role in turning these raw materials into useful metals and products. Their work supports both local and international markets and ensures that metal-based products, from cars to electronics, work safely and effectively in everyday life.

Career opportunities

Careers in this field include roles such as production engineers, plant managers, consultants, researchers and specialists in areas such as materials, corrosion, welding, nuclear and forensic engineering. Other specialisation opportunities include minerals processing, extractive metallurgy, materials performance and advanced manufacturing.

The three main fields of specialisation in metallurgical engineering

Minerals processing
Processing the ore to release and concentrate the valuable minerals contained in it.

Extractive metallurgy
The processing of mineral concentrates to metals through pyrometallurgy (including smelting) or hydrometallurgy (including leaching) as refining steps.

Materials production, performance and integrity
This field involves developing new metal alloys and turning raw metals into useful products. Metals can be shaped through casting, 3D printing (using lasers or wire arc methods) and welding. An important part of the work is investigating why materials fail—such as when a metal component cracks, breaks or doesn't perform as expected—to prevent problems in real products.

What makes this programme unique?

As the leading metallurgical engineering department in South Africa, the Department of Materials Science and Metallurgical Engineering at the University of Pretoria currently plays a prominent role in the education of metallurgical engineers for the South African metallurgical and mining industries. These graduates are highly sought after both in local and international industries.

The Department also attracts professionals from other engineering disciplines who seek to enhance their skills and knowledge in this field. As a result, many professionals enrol in the department's postgraduate programmes to enhance their skills in the thriving local and international minerals and materials industries. One such option is the BScHons Applied Science (Metallurgy): Welding Technology, a one-year degree that builds advanced expertise in welding processes, metallurgy, fabrication and welded structure design. By combining coursework with a research project, it prepares graduates for specialist careers in the welding and materials industries.

The Department's undergraduate programme is fully accredited by the Engineering Council of South Africa (ECSA), ensuring top-quality teaching and international recognition of the degree. Through close ties with local and international industries via consulting and research projects, staff are constantly updating teaching and research to meet the latest industry standards. Sophisticated research equipment is available in the department and in the Industrial Metals and Minerals Research Institute (IMMRI), which is situated within the department, including specialised hydrogen testing facilities.

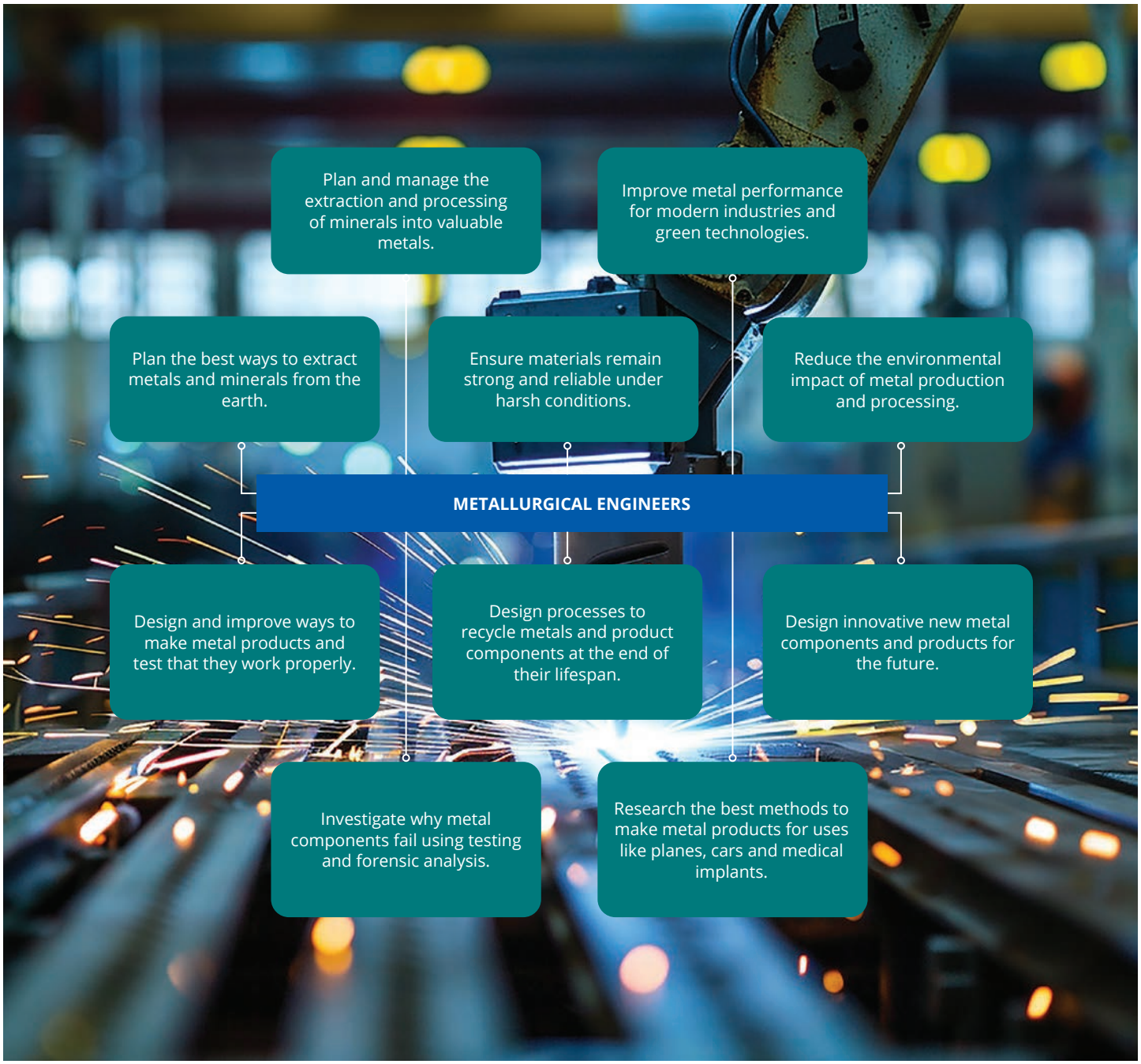
Students are supported in several ways. To help them overcome academic and personal challenges, a member of staff is appointed as a mentor for each year group. First-year students, in particular, are guided by dedicated staff members to help them adjust to the demands of university life.

The standard Bachelor of Engineering degree programme is four years long, but students who do not meet the minimum requirements for the four-year programme are supported through the five-year ENGAGE programme.

LEARN MORE

SCHOOL OF ENGINEERING

Bachelor of Engineering in Metallurgical Engineering *(continued)*



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Engineering in Metallurgical Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Metallurgical Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

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SCHOOL OF ENGINEERING

Department of Mechanical and Aeronautical Engineering

Bachelor of Engineering in Mechanical Engineering

Thermal power systems, heat exchangers, cooling and refrigeration systems, ventilation systems, etc.

Manufacturing technologies that include the use of lasers, precision machinery

What is mechanical engineering?
Mechanical engineering is concerned with the **design, manufacture and operation** of components, devices or systems such as:

Automobiles, aeroplanes and other vehicles

Robotics, mechatronics and electronic control of machinery

Digitisation of physical assets through sensing, computing and data science

What does the programme entail?

The undergraduate programme gives students a broad foundation in engineering. It covers topics such as dynamics, strength of materials, thermodynamics, fluid mechanics and design. Students learn the mechanical and aeronautical skills needed to design and make products and services, including electricity and water systems, transport (road, rail and air), mining, mechatronics and air conditioning.

Who is the ideal candidate?

The ideal candidate should be resilient to work pressure, and flourish when confronted with new problems that need to be solved effectively and efficiently. The following skills are required to achieve this:

- Creativity
- Critical thinking
- Fundamental understanding
- Mathematical rigour
- Teamwork
- Adaptivity

Oral, verbal and graphical communication abilities are essential for a technically diverse team of individuals.

Why choose the University of Pretoria

The programmes of our School of Engineering are all accredited by the Engineering Council of South Africa (ECSA), and the School has been ranked **#1 in Africa** by the US News and World Report. Our mechanical engineering programme has been ranked **among the top in South Africa** in the QS World University Rankings.

The Department of Mechanical and Aeronautical Engineering offers a unique learning environment for engineering students with opportunities for practical application of theoretical knowledge in activities like the Tuks Baja team and the AREND project. We also host the only off-road vehicle dynamics group in the country.

International collaboration

The University of Pretoria is always looking for opportunities to collaborate with other innovative institutions around the world. One such an initiative is our third-year exchange programme with Massachusetts Institute of Technology (MIT) in the USA (2023–2028). The exchange programme makes it possible for students from the Department to study at MIT for a year, and for MIT students to study at the University of Pretoria for a year.

SCHOOL OF ENGINEERING

Bachelor of Engineering in Mechanical Engineering *(continued)*

Career opportunities

Mechanical engineers are employed in almost all sectors of the economy, including the chemical industry, mining, manufacturing, processing, vehicle and aircraft design, defence and aeronautics. Possible careers include:

- Aerospace engineer
- Automotive engineer
- Maintenance engineer
- Design engineer
- Mathematical and computational modeling engineer
- Data science engineer

Mechatronics: Where mechanics and electronics meet

Mechatronics is a combination of the principles of mechanics, electronics and computing. At the University of Pretoria, the mechanical engineering programme includes courses in electrical engineering, electronics, programming and control systems, which make provision for all the building blocks of mechatronics. Furthermore, all final-year students do mechatronics and control, and can choose a mechatronics-related final-year research project.

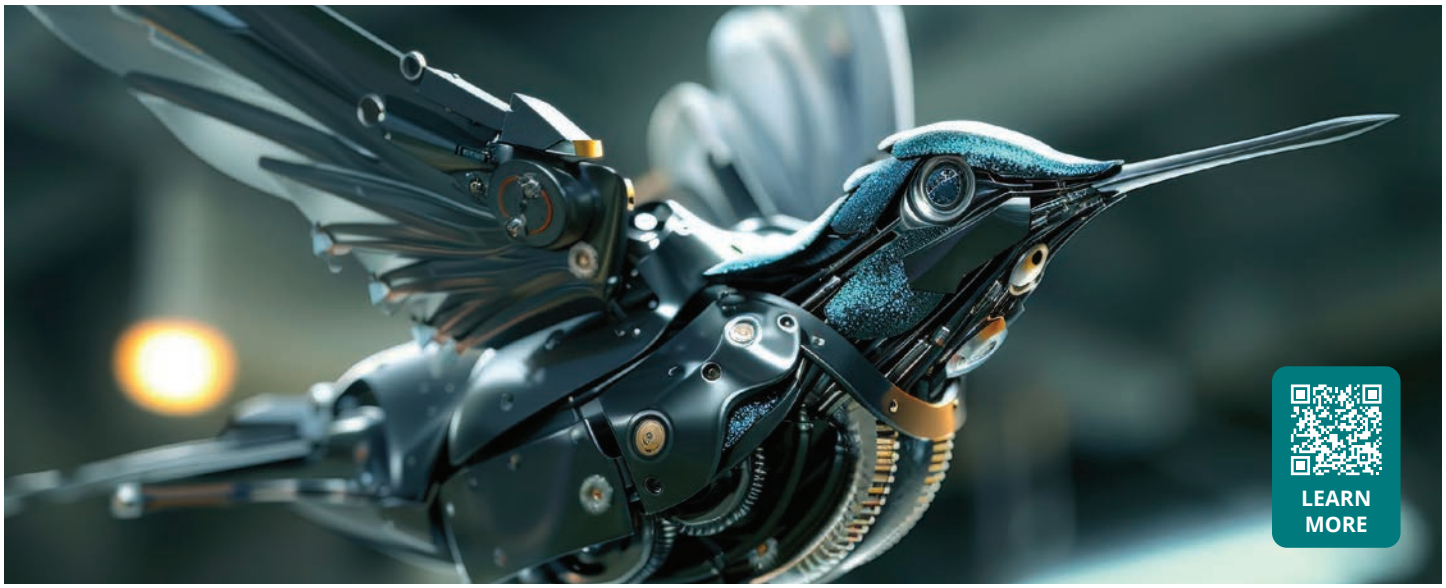
Mechatronics is also offered at the postgraduate level. Students first complete a Mechanical Engineering undergraduate degree to build a strong foundation in core engineering principles. This ensures they have in-depth knowledge of mechanics, design and problem-solving before broadening their skills in mechatronics, which combines mechanical, electronic and computer systems.

While other universities may offer Mechatronics as an undergraduate degree with a multidisciplinary focus from the start, UP's approach provides a deeper understanding of mechanical engineering, giving students a solid base to excel in multidisciplinary teams at an advanced level.

TuksNovation

TuksNovation acts as a catalyst for the development of business technology clusters to positively impact on the South African economy. Innovations arising from research can lead to new product development.

TuksNovation provides technology development and entrepreneurship support, from the prototype to the commercialisation growth stages, to ensure that the technology is fully developed, and addresses a relevant market need. A virtual incubation programme focuses on technology and techno-entrepreneurship skills, while an acceleration programme focuses on commercialisation and business growth.



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Engineering in Mechanical Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Mechanical Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics if your APS and subject requirements of your first-choice programme are not obtained.

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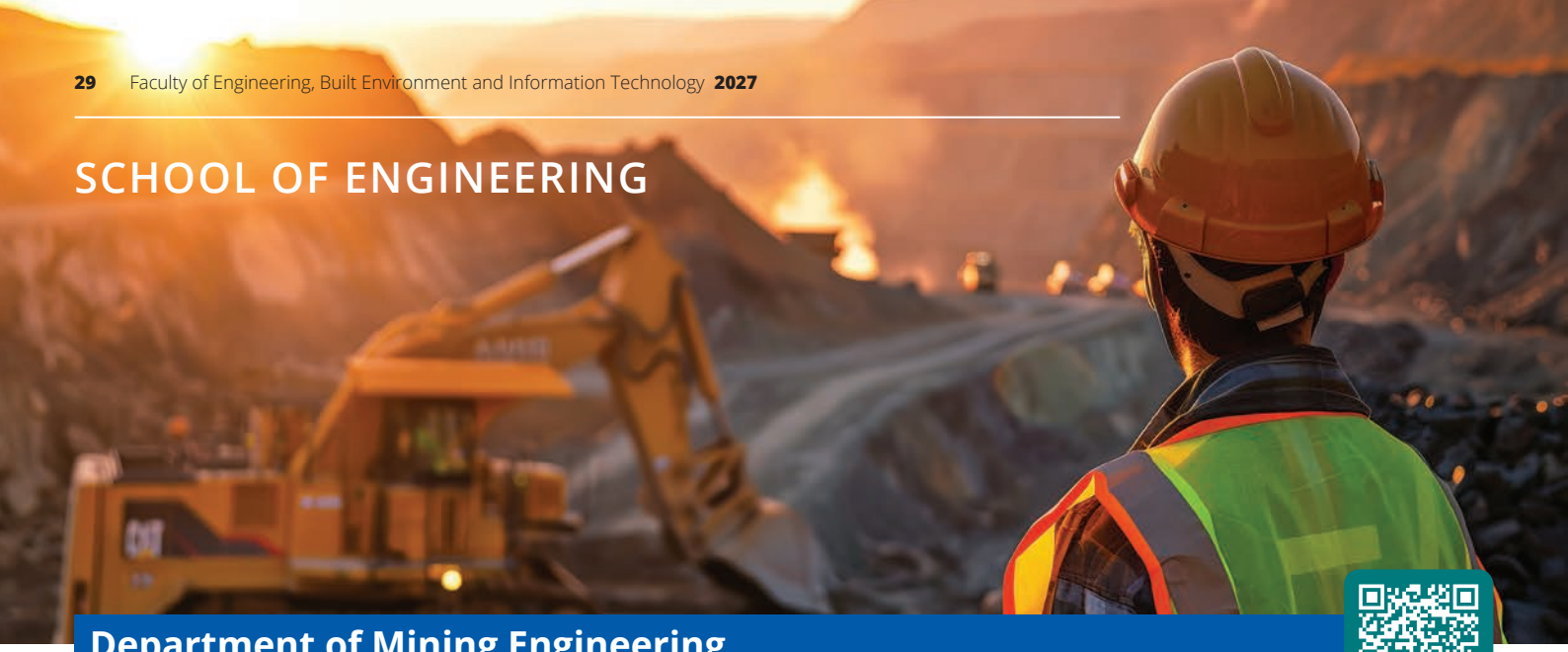
SCHOOL OF ENGINEERING



Department of Mining Engineering

Bachelor of Engineering in Mining Engineering

A mining engineer plans how to safely extract materials like gold or coal from the ground. They use science and technology to plan, design and operate mines, solve problems and help protect the environment.

What does the programme entail?

The Bachelor of Engineering in Mining Engineering degree involves learning how to extract minerals and resources safely and efficiently from the earth. Students gain knowledge in geology, rock mechanics, mine design, ventilation and environmental management. The programme includes both classroom learning and hands-on training in labs and fieldwork. Students also learn to use advanced software and technologies used in modern mining practices. Courses include mathematics, physics, chemistry and engineering principles. There is a strong focus on safety, sustainability and problem-solving.

What makes this programme unique?

Studying Mining Engineering at the University of Pretoria (UP) offers a distinctive and comprehensive educational experience that sets it apart from other institutions.

Innovative teaching with immersive technology

UP's Department of Mining Engineering features a state-of-the-art Virtual Reality Centre, providing students with immersive simulations of mining environments. This hands-on approach enhances understanding of complex mining operations.

Holistic student development

The programme emphasises not only technical proficiency but also the development of leadership and soft skills. Through mentorship and coaching, students are prepared to become well-rounded professionals in the mining industry.

Accreditation and global recognition

UP's engineering programmes are accredited by the Engineering Council of South Africa (ECSA) and are recognised internationally through the Washington Accord, providing global career opportunities for graduates.

Research excellence and cross-disciplinary opportunities

The university encourages impactful cross-disciplinary research, allowing mining engineering students to collaborate on projects that address societal challenges and advance the mining sector.

Strategic location and industry connections

Situated in Pretoria, a hub for mining activities in South Africa, UP offers students direct access to industry partnerships, internships and employment opportunities within the country's extensive mining sector.

By choosing to study Mining Engineering at UP, students gain access to cutting-edge facilities, a curriculum that balances theory and practice and opportunities that prepare them for successful careers both locally and internationally.

Who is the ideal candidate?

Successful engineers need the following skills and qualities:

- Visualise objects in three dimensions
- Maintain good health and stamina
- Demonstrate strong mathematical and scientific ability
- Show curiosity and a willingness to learn
- Be disciplined and focused
- Display passion for mining
- Use creativity and initiative to solve problems
- Act responsibly and ethically
- Show self-confidence
- Manage tasks effectively and stay organised
- Stay calm and take charge in challenging situations
- Communicate effectively through listening, speaking and writing

Career opportunities

Why studying mining engineering leads to a rewarding career:

- **High demand worldwide** – Mining engineers are needed globally to power infrastructure, technology and production of much need minerals.
- **Innovation and technology** – Engage with cutting-edge tools like automation, AI and sustainable mining practices.
- **Real-world impact** – Contribute to the production of essential resources that drive modern life.
- **Career diversity** – Access roles in operations, consulting, research, management and environmental stewardship.

SCHOOL OF ENGINEERING

Bachelor of Engineering in Mining Engineering *(continued)*

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Engineering in Mining Engineering [4 years]	5	6	6	**35**

The suggested second-choice programmes for Bachelor of Engineering in Mining Engineering are Bachelor of Science in Chemistry, Bachelor of Science in Mathematics and Bachelor of Science in Physics.

Contact information Ms Abea Kgatshe | **Tel** +27 (0)12 420 3763 | **Email** abea.kgatshe@up.ac.za
Websites www.up.ac.za/mining-engineering | www.up.ac.za/school-of-engineering | www.up.ac.za/ebit-postgraduate

SCHOOL OF ENGINEERING

Bachelor of Engineering

Five-year programme for all Engineering disciplines

What does the programme entail?

An engineering degree is very demanding. The workload is high, the pace is fast and the modules are academically challenging. Many students also face challenges regarding background knowledge in mathematics and physical sciences, academic literacy and information technology. They may not have the study skills to cope with the mainstream four-year programme.

Furthermore, many students – even some of those who attended high-performing schools – struggle with the transition to university life due to the very large first-year classes, freedom from strict school routine and many social activities.

For this reason, the School of Engineering offers a five-year programme which is available in all the engineering disciplines. It provides a carefully structured curriculum that helps students adjust to university life and cope with the academic demands of engineering studies.

In the five-year programme, the volume of work is gradually increased while the support provided is decreased over a period of three years. However, the workload – the time students must spend on their studies – is high from the very beginning. This programme is not for anyone who doesn't want to put in the effort!

What makes this programme unique?

In the first and second years of the five-year Bachelor of Engineering programme, students get extra support through additional modules. This helps them build a strong foundation while adjusting to university life.

Who is the ideal candidate?

Students may apply for the Bachelor of Engineering five-year programme if:

- their marks in the National Senior Certificate meet the minimum admission requirements for the five-year programme; or
- their marks in the National Senior Certificate meet the minimum admission requirements for the four-year programme, but they would like more support.

Structure of the programme

In the five-year Bachelor of Engineering programme, students take the same first-year modules and attend the same classes as the four-year degree programme students, but the modules are spread out over two years.

In addition, for every 16-credit 100-level (first-year) module, students also take an extra 8-credit module. For example, in the first year, students take the same mathematics modules (16 credits) as the four-year degree programme students, as well as some extra mathematics modules (8 credits).

In the extra modules, students work in small groups of about 50. They focus on improving problem-solving and thinking skills, building a deeper understanding of concepts, and getting the background knowledge needed for both the extra module and the main four-year module.

In the first year, students take basic science modules that form the foundation of engineering: chemistry, physics and mathematics. (Computer engineering students take mechanics instead of chemistry.) Students in the five-year programme also take Professional Orientation, which introduces information technology and helps develop academic and communication skills. First-year students also complete a humanities and social sciences (HAS) module.

In the second year, students take all the introductory engineering modules, along with a compulsory extra module for each. They also take one 200-level mathematics module per semester.

In the third year, students take the remaining 200-level modules. Since they have already completed two 200-level mathematics modules, their workload is slightly lighter than students in the four-year programme.

In the last two years, students in the five-year Bachelor of Engineering programme follow the same modules as the four-year programme students. All parts of the programme are compulsory, and students must attend all lectures and discussion classes.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL OF ENGINEERING	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Engineering [5 years] This is a five-year programme for all Engineering disciplines. *Previously called ENGAGE*	65%	65%	65%	**33**
For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.				

Note: The admission requirements above are relevant to prospective students who will commence their studies in 2027.
Admission to the five-year programme in the School of Engineering will be determined by the NSC results.

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I AM EBIT: INDUSTRIAL ENGINEERING

The University of Pretoria's industrial engineering graduates thrive in industry

Kutlwano Mabeba is a business analyst at Lombard Insurance who graduated with a degree in industrial engineering from the University of Pretoria (UP) in 2019. She is currently enrolled for a master's degree in innovation management with the university's Graduate School of Technology Management (GSTM).

What attracted her to this field of study was its potential to unlock opportunities in a diverse range of industries. 'You can branch into literally everything and find work in any discipline that has a problem that needs to be solved,' Mabeba says. The principles she learnt during her studies and the exposure to industry problems she received can be applied to any company in any conceivable field. Mabeba studied with a bursary from the global transportation company DSV, and she was fortunate to start working for the organisation immediately after graduation, as she had also completed vacation work at the company. She spent three years with the company, gaining experience as a logistics engineer.

The work she is currently doing as a business analyst at Lombard Insurance is the total opposite of what she did at DSV. Here, she forms part of a team that solves business problems. She describes her work as an industrial engineer as continually improving and optimising processes to solve problems, as there is always a better, more efficient way of doing things. She is excited that her qualification has enabled her to identify opportunities for continuous improvement.

Mabeba has also experienced the value of studying at an internationally recognised institution such as UP. She explains that some companies, especially the company at which she started her career as an industrial engineer, strongly prefer to employ graduates from UP's Faculty of Engineering, Built Environment and Information Technology as they have a strong work ethic. 'This gives graduates from UP a differentiating position in the workplace and enhances their credibility in industry,' she notes.

She would definitely recommend industrial engineering as a career path for prospective students, as 'it gives one the opportunity to tap into fields as diverse as data management, logistics, and banking, and there will always be a need to improve systems and processes to ensure business sustainability'.

Reflecting on her postgraduate studies in innovation management, Mabeba admits that she is being challenged in ways she has never been challenged before. She is learning valuable concepts, and the programme is shaping the way she thinks. She loves how she is learning to question things and believes that it will improve her value to her current and future employers.

I AM EBIT: EDUCATION IN ACTION

Annual Robot Car Race Day

The annual Robot Race at the Faculty of Engineering, Built Environment and Information Technology (EBIT) started in 2013. Prof Tania Hanekom created it to make the third-year Microcontrollers module more enjoyable and practical, as students were finding the module difficult.

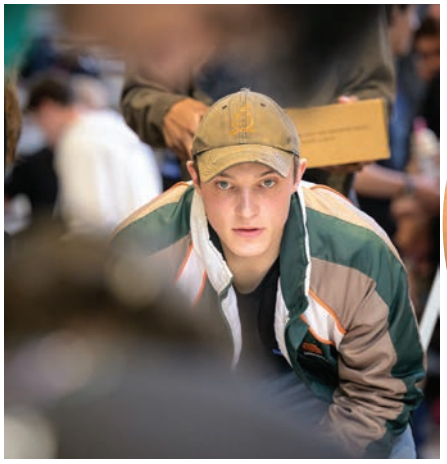
The intent was to spark excitement about the subject by giving students a chance to play and explore in a formal setting. What began as the final practical assessment in the Microcontrollers module soon grew into a public event when spectators were invited. This not only motivated students by giving their work an audience, but also allowed other students and members of the public to see the creativity and practical skills being developed in class.

Students worked in small groups to design and build a microcontroller-based autonomous robotic car. The challenge was for the car to follow a specific coloured line on the floor as quickly as possible. Along the way, this line deliberately crossed over other differently coloured lines. The robot car had to recognise the correct line and stay on track without veering off onto the wrong line.

The project has since been included in other modules in the Department, allowing students to connect what they learn across different subjects and to build on their knowledge as they progress through their studies.

Inspired by the popular Robot Race, the University of Pretoria launched the Tuks Robot School in 2021. This community engagement project uses a specially designed curriculum for Grade 8–11 learners, teaching them about robotics, electronics and programming. It is presented free of charge between April and October each year, giving high school students a hands-on, fun introduction to STEM—while also allowing UP students to share their skills and passion.

LEARN MORE

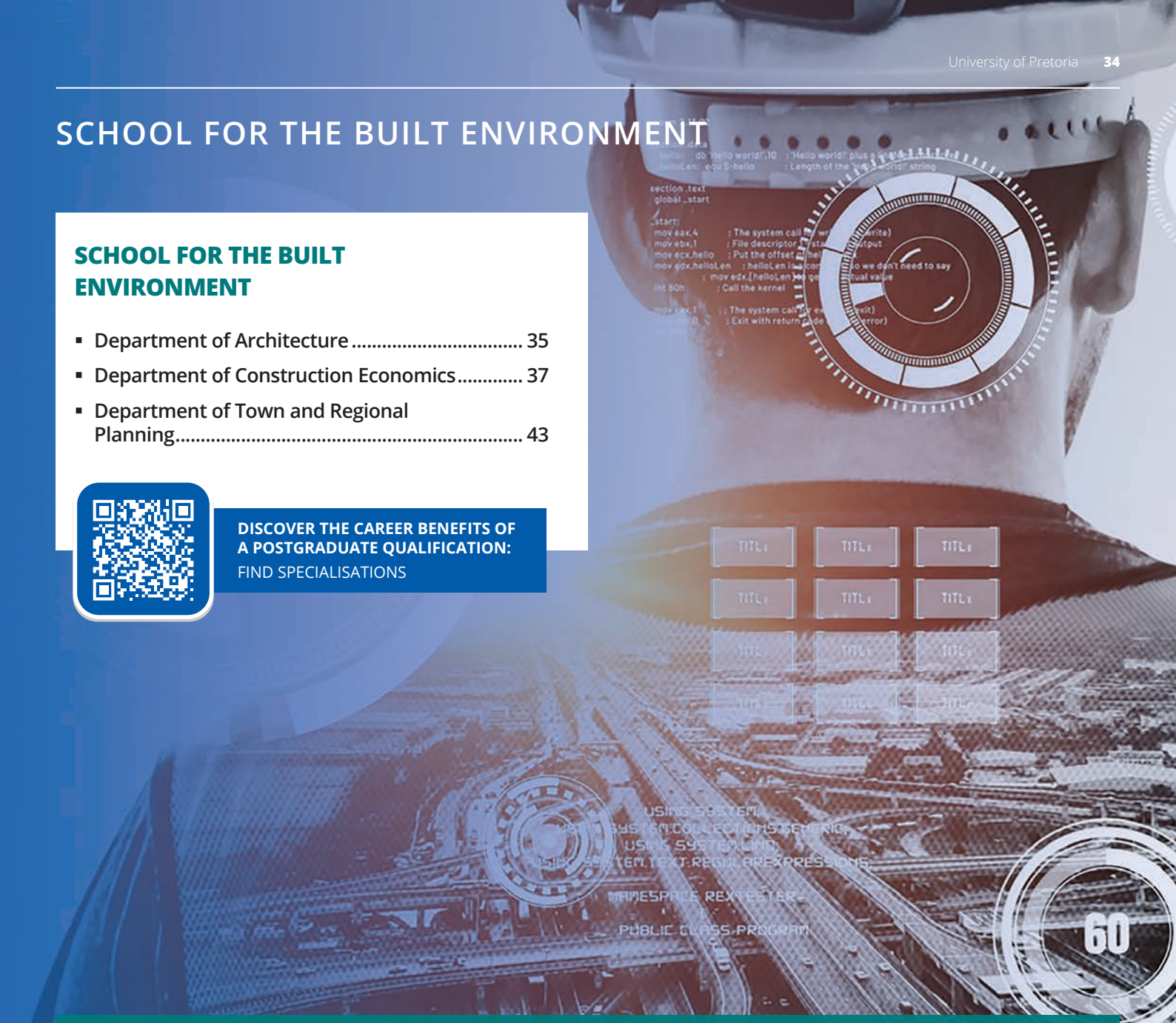


SCHOOL FOR THE BUILT ENVIRONMENT

SCHOOL FOR THE BUILT ENVIRONMENT

- Department of Architecture 35
- Department of Construction Economics 37
- Department of Town and Regional Planning 43

DISCOVER THE CAREER BENEFITS OF A POSTGRADUATE QUALIFICATION:
FIND SPECIALISATIONS



The School for the Built Environment offers professional degree programmes in architecture, quantity surveying, construction management, real estate and town and regional planning, and professional postgraduate programmes in landscape architecture and interior architecture.

All these programmes are internationally recognised and accredited by their respective statutory councils, allowing students to register as members of their chosen professions. We also encourage our students to participate in community development and service during their studies, as well as after they graduate.

Our close relationships with industry and government expose students to regular engagements with practitioners and real-life projects; and ensure curricula that are relevant to current and future challenges. These relationships also open doors to exciting research opportunities at postgraduate levels in fields such as environment behaviour studies, climate change adaptation, urban resilience, urban citizenship, green building, regenerative design and development, heritage and cultural landscapes, safe and sustainable housing and urban spaces, strategic development planning, construction cost databases, escalation and indices, and contracts and property law.

MAKE AN IMPACT

EBIT focuses its research on impacting global challenges. As the only faculty at a South African higher education institution to house a unique combination of schools related to engineering, the built environment, information technology and technology management, EBIT is in the ideal position to pursue research that provides integrated solutions. The School for the Built Environment actively contributes to research in the following Sustainable Development Goals (SDGs) of the United Nations:

- **SDG 9:** Industry, Innovation and Infrastructure
- **SDG 11:** Sustainable Cities and Communities
- **SDG 12:** Responsible Consumption and Production
- **SDG 13:** Climate Action

SCHOOL FOR THE BUILT ENVIRONMENT

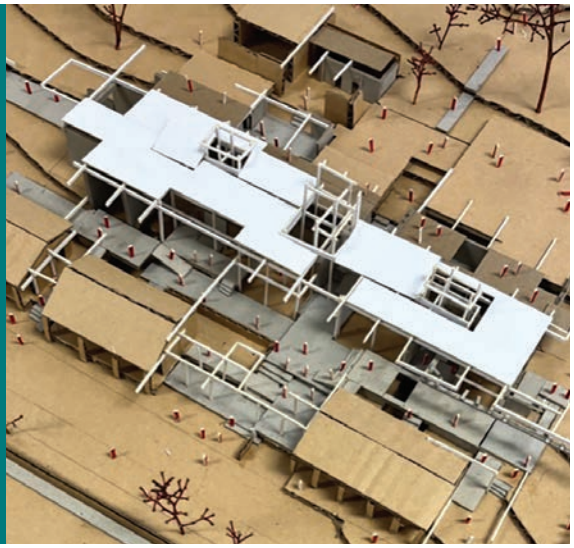
Department of Architecture

Bachelor of Science in Architecture

About the Department

The Department of Architecture believes that designers today should help build a better future for both people and the environment, while respecting the diverse histories that shaped our world. The Department focuses on human-centred design, working with communities, designing responsibly for the environment, and understanding how social, environmental, cultural and economic systems connect and influence one another. These ideas guide the Department's approach to creating sustainable and regenerative designs.

Our mission is to offer a well-rounded education, not just technical training. We aim to develop graduates who are skilled and adaptable, who are ready to succeed in the fast-changing world of the 21st century. We focus on building an open and flexible mindset, critical thinking, problem-solving abilities and the imagination to see new possibilities beyond current ways of doing things. We also value empathy, adaptability and emotional intelligence.



What does the programme entail?

The curriculum for the Bachelor of Science in Architecture programme integrates knowledge from the humanities and the natural sciences to develop students' spatial design skills, and aims to instil a culture of lifelong learning in graduates.

Design and Applied Theory
Architecture students earn half of their credits each year through the design module, which is taught alongside architectural theory. This combination gives students the vocabulary and theoretical knowledge they need to support their design work.

Design is a studio-based module where students work on projects of varying scales and complexity. It encourages critical and independent thinking, the ability to evaluate designs within social, cultural, and ecological contexts and the exploration of creative and suitable solutions. In the studio, students develop design judgement through ongoing discussion, peer learning and both formal and informal assessment.

The Department promotes design that meets real needs and is based on research and practical evidence, rather than focusing only on style or making a statement. Students are encouraged to understand global principles while responding thoughtfully to local contexts.

Students attend classes in the following subject streams:

History of the Environment
History of the Environment helps students understand their role in society and explore meaning in history through the study of themselves and other cultures. It looks at the context and significance of cultural artefacts—including spaces and places—to show how form and order were shaped by environmental, political and philosophical conditions. In the third year, students focus specifically on the history of southern Africa.

Theory of Structures
Theory of Structures gives students the knowledge and practical skills to analyse, plan and design key structural components—like beams, columns and trusses—using materials such as timber, steel and concrete.

Community and Practice
Students take part in collaborative community projects guided by the Department's research initiatives and the Faculty's community engagement programme. In the third year, the focus shifts to managing a professional practice and understanding the legal aspects of construction and contract law.

Earth Studies
Earth Studies introduces students to systems thinking and ecological responsibility, helping them design buildings and spaces that support social, cultural and environmental wellbeing.

The module covers ecological principles that guide inclusive, sustainable, responsive and passive design approaches. Passive design means working with natural elements—like sunlight, wind and shading—to keep spaces comfortable and energy-efficient without relying heavily on heating or cooling systems.

Construction
The study of construction theory, materials and methods builds on design skills, helping students turn their architectural concepts into real, tangible buildings.

Design Communication
Design Communication helps students develop the digital and visual skills essential for designers in the 21st century. The module covers visual communication, digital visualisation, representation and the management of documents and building information.

SCHOOL FOR THE BUILT ENVIRONMENT

Bachelor of Science in Architecture *(continued)*

Career opportunities

Our Bachelor of Science in Architecture degree explores the design of meaningful environments across varying scales, from intimate spaces to larger projects that shape landscapes. The degree prepares graduates for advanced and specialised professional work. It also provides a pathway to honours and master's studies, which are needed to register as a professional architect, landscape architect or interior architect. Graduates can further specialise in design or research, both in South Africa and internationally. The programme is accredited by the South African Council for the Architectural Profession (SACAP) and recognised by the Canberra Accord on Architectural Education. This means our graduates can access international postgraduate studies and apply for professional registration abroad.

The programme is a three-year, full-time, studio-based course delivered through a blended learning model, combining guided, independent, peer and online learning. It develops creative and critical design thinking, exposing students to complex social, cultural and environmental challenges. Students benefit from the Department's interdisciplinary focus and national and international collaborations. The curriculum also encourages lifelong learning, producing graduates who are highly respected in both academia and professional practice.

Architects design buildings and spaces to satisfy our daily needs and improve the world in which we live. They need abilities and skills that range from the practical to the artistic, and from the technical to the theoretical. As professionals, they conceptualise, design and document building projects and oversee quality control during construction. Architects manage their own practices, work for and with other, often multidisciplinary firms, or make contributions to the government sector, in research and advisory positions in the public and private sectors. While the majority of our graduates work in professional practice, there is a wide range of other possibilities that branch out from the spatial design disciplines: from furniture to urban design, ecological planning to entrepreneurship, as well as in research and advisory positions in the public and private sectors.

Duration of the programme		Outcome (SACAP registration)
Bachelor of Science in Architecture	Three years (full-time, studio-based)	Candidate Architectural Technologist
At least one year of work or travel is recommended before postgraduate studies are undertaken.		

Admission by selection

A limited number of students are admitted to the Department annually. Admission is determined by a four-part selection process explicitly developed to level the playing field between students coming from different educational and cultural backgrounds. Please refer to www.up.ac/architecture for information on the selection requirements and process.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
Bachelor of Science in Architecture [3 years]	5	4	4	**30**
Will only be considered as first study choice. The selection process includes an interview.				

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Websites www.up.ac.za/architecture | www.up.ac.za/school-for-the-built-environment | www.up.ac.za/ebit-postgraduate

SCHOOL FOR THE BUILT ENVIRONMENT

Department of Construction Economics

Bachelor of Science in Construction Management

What is construction management?

Construction management is the management of the physical construction process within the built environment and includes the coordination, administration and management of resources. The construction manager takes full responsibility in this process and can work either as a construction manager or a construction project manager.

What makes this programme unique?

The Bachelor of Science in Construction Management and Bachelor of Science Honours in Construction Management programmes are accredited nationally by the South African Council for the Project and Construction Management Professions (SACPCMP) and internationally by the Chartered Institute of Building (CIOB) and by the Royal Institute of Chartered Surveyors (RICS), both based in the UK with worldwide footprints. This international recognition makes our degree highly sought after.

Who is the ideal candidate?

The ideal candidate should have the following skills:

- Communication
- Risk management
- Financial management
- Organisation
- Managerial skill

Career opportunities

Various job opportunities exist in the construction industry. On successful completion of the three-year programme, students can enter a career in construction management, or undertake subcontract and main contract work. On successful completion of the one-year honours degree, opportunities become far wider. The one-year honours degree focuses on further training in aspects such as financial, project and strategic management.

After registration with the South African Council for the Project and Construction Management Professions (SACPCMP), students will be able to become professional construction managers and construction project managers.

SCHOOL FOR THE BUILT ENVIRONMENT

Bachelor of Science in Construction Management *(continued)*

Duration of the programme

Bachelor of Science in Construction Management
The three-year programme will qualify Bachelor of Science in Construction Management graduates to support professionals in the construction industry with all types of construction work.

Bachelor of Science Honours in Construction Management
The one-year Bachelor of Science Honours in Construction Management programme builds on the BSc Construction Management degree and qualifies graduates to start a professional career in construction and related industries. After submitting proof of the required professional practical experience and successfully completing an assessment of professional competence, graduates may register with the South African Council for the Project and Construction Management Professions (SACPCMP).

The honours degree requires students to work part-time at construction companies or firms or other relevant establishments for a minimum of 240 hours. This gives students practical experience to complement their theoretical studies. Students are also expected to keep and submit a logbook using the prescribed template.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Accounting	
Bachelor of Science in Construction Management [3 years]	5	5	4	**30**

The suggested second-choice programme for Bachelor of Science in Construction Management is Bachelor of Science in Real Estate.

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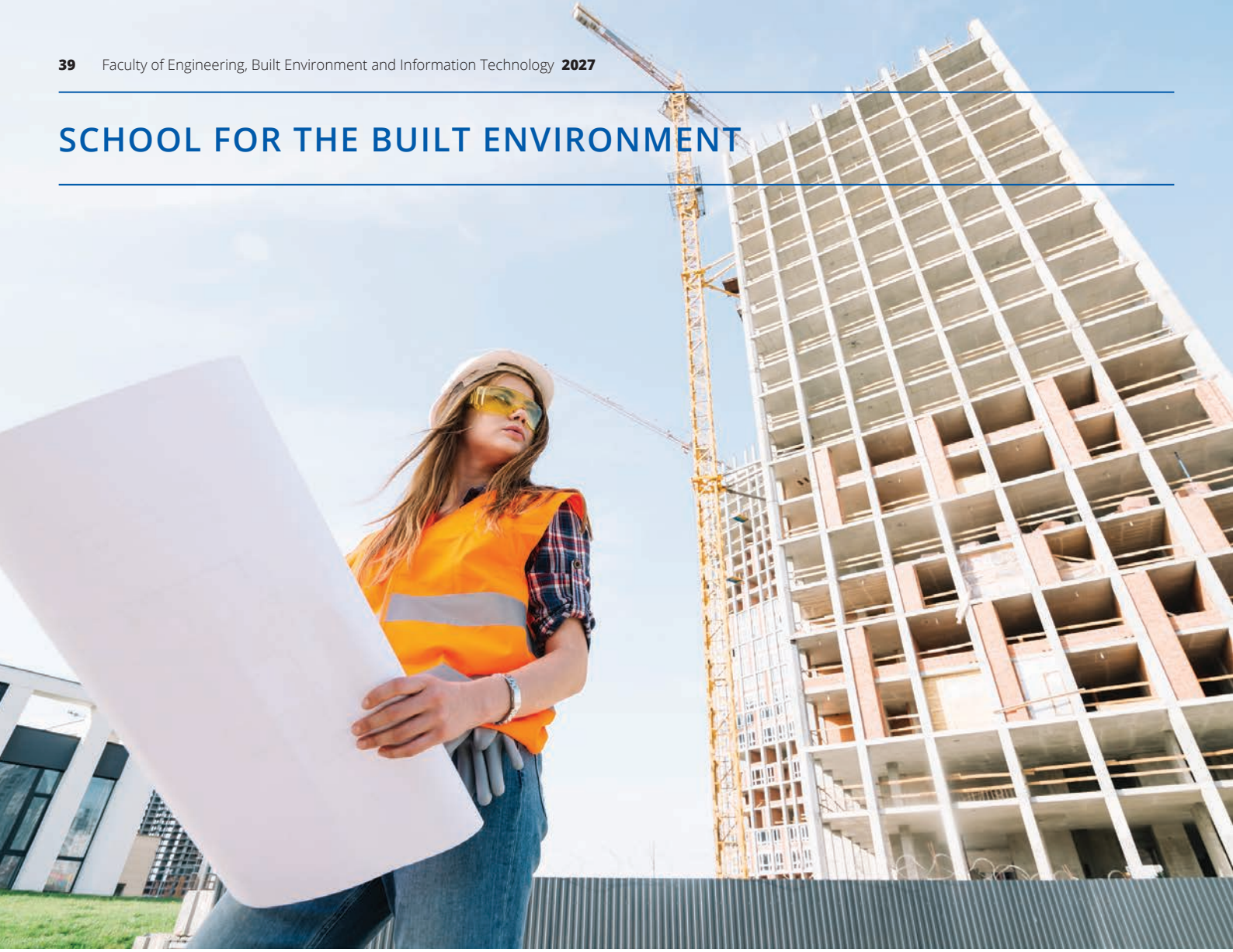
Websites www.up.ac.za/construction-economics | www.up.ac.za/school-for-the-built-environment | www.up.ac.za/ebit-postgraduate

SCHOOL FOR THE BUILT ENVIRONMENT



Department of Construction Economics

Bachelor of Science in Quantity Surveying

Quantity surveyors are independent, professional consultants who are responsible for the financial management of construction projects. They provide expert financial and contractual advice to clients and work closely with architects, engineers and contractors to protect the client's interests. Their work includes preparing budgets and tender documents, consulting with developers and project teams, and making sure the financial and contractual aspects of a project run smoothly.

What makes this programme unique?

The three-year Bachelor of Science in Quantity Surveying and Bachelor of Science Honours in Quantity Surveying programmes are accredited nationally by the South African Council for the Quantity Surveying Profession (SACQSP) and internationally by the Royal Institute of Chartered Surveyors (RICS).

The RICS has a worldwide footprint, which provides our degrees in quantity surveying with international recognition. The Department also offers doctoral degrees, which can be obtained by submitting a dissertation and thesis respectively.

Who is the ideal candidate?

The ideal candidate should have:

- Strong numeracy skills
- Attention to detail
- Negotiation skills
- Organisational skills
- Discipline
- Interpersonal skills

LEARN MORE

Career opportunities

Various job opportunities exist in the construction industry. Most quantity surveyors are employed in quantity surveying practices in the private sector. Quantity surveyors can also be employed as a contractor's quantity surveyor with construction companies.

After registration with the South African Council for the Quantity Surveying Profession (SACQSP), quantity surveyors may become partners or directors in their firms, or even start their own practices.

SCHOOL FOR THE BUILT ENVIRONMENT

Bachelor of Science in Quantity Surveying *(continued)*

Duration of the programme

Bachelor of Science in Quantity Surveying
This three-year programme qualifies graduates to support professional quantity surveyors with all types of construction work, particularly buildings and infrastructure.

Bachelor of Science Honours in Quantity Surveying
Please note: Completion of the BSc in Quantity Surveying is required before enrolling in this Honours programme.

The one-year Bachelor of Science Honours in Quantity Surveying programme builds on the BSc Quantity Surveying degree and qualifies graduates to start a professional career in construction and related industries. After submitting proof of the required professional practical experience and successfully completing an assessment of professional competence, graduates may register with the South African Council for the Quantity Surveying Profession (SACQSP).

The honours degree requires students to work part-time at quantity surveying firms or other relevant establishments for a minimum of 240 hours. This gives students practical experience to complement their theoretical studies. Students are also expected to keep and submit a logbook using the prescribed template.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL FOR THE BUILT ENVIRONMENT	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences or Accounting**	
Bachelor of Science in Quantity Surveying [3 years]	5	5	4	**30**

The suggested second-choice programmes for Bachelor of Science in Quantity Surveying are Bachelor of Science in Construction Management and Bachelor of Science in Real Estate.

Contact information Dr Inge Pieterse | **Tel** +27 (0)12 420 6534 | **Email** inge.pieterse@up.ac.za
Websites www.up.ac.za/construction-economics | www.up.ac.za/school-for-the-built-environment | www.up.ac.za/ebit-postgraduate

SCHOOL FOR THE BUILT ENVIRONMENT

Department of Construction Economics

Bachelor of Science in Real Estate

The study of real estate (also called property science) focuses on land and buildings. It includes learning about how land is developed, how buildings are managed, how land and buildings are valued and how decisions are made about financing and investing in property. Real estate professionals work across the property industry in many different roles, including as qualified property valuers.

What makes this programme unique?

The Bachelor of Science in Real Estate and Bachelor of Science Honours in Real Estate are accredited both in South Africa by the South African Council for the Property Valuers Profession (SACPVP) and internationally by the Royal Institution of Chartered Surveyors (RICS). This means the degree is recognised locally and abroad, opening opportunities to work anywhere in the world.

The programme qualifies you to work across the property industry and prepares you to become a professional property valuer.

For those who want to study further, the Department also offers a Master of Science in Real Estate (coursework), as well as research-based master's and doctoral degrees. The Master of Science coursework degree is also accredited internationally by RICS, giving your qualification global recognition.

Who is the ideal candidate?

The ideal candidate should have:
- A keen interest in the greater built environment
- Strong project and management skills
- Strong creative and communication skills
- Strong entrepreneurial skills

Career opportunities

Real estate is a specialised field that plays a major role in the South African economy, as property makes up nearly half of the world's total assets.

Graduates can look forward to careers in areas such as property investment, property finance and facilities management. Completing the honours degree allows students to register as professional property valuers through the South African Council for the Property Valuers Profession (SACPVP).

Career opportunities exist across the property sector, from entrepreneurship in the private sector to employment in government, semi-government or private organisations.

Duration of the programme

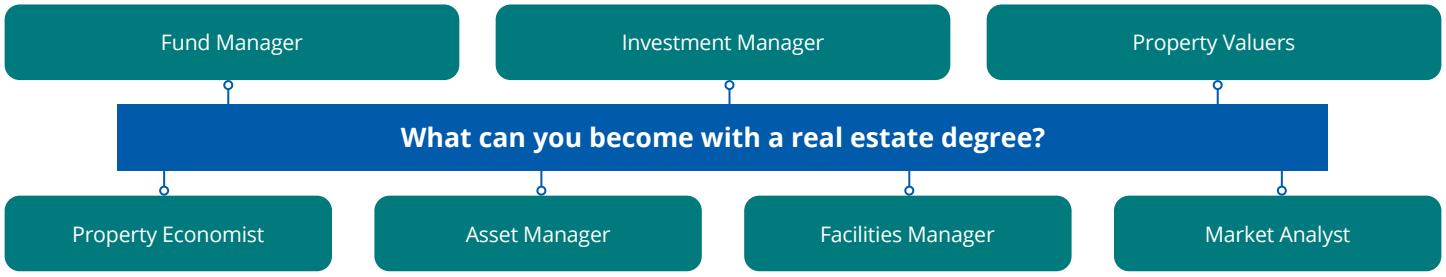
Bachelor of Science in Real Estate
This is a three-year programme that prepares graduates to work in different areas of the property industry, including management, development and marketing.

Bachelor of Science Honours in Real Estate
This one-year programme qualifies graduates to begin a professional career in the property industry. As part of the honours degree, students are required to work part-time at approved property companies or related businesses for at least 240 hours. This practical experience complements the theoretical studies and must be recorded in a logbook using the prescribed template.

Once students have completed the honours degree, gained the prescribed professional practical experience, and passed the professional examination, they may register with the South African Council for the Property Valuers Profession (SACPVP).

SCHOOL FOR THE BUILT ENVIRONMENT

Bachelor of Science in Real Estate *(continued)*



Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL FOR THE BUILT ENVIRONMENT	English Home Language or English First Additional Language	Mathematics	Physical Sciences or Accounting	
Bachelor of Science in Real Estate [3 years]	5	5	4	**30**

The suggested second-choice programme for Bachelor of Science in Real Estate is Bachelor of Commerce specialising in Investment Management.

Contact information Dr Inge Pieterse | **Tel** +27 (0)12 420 6534 | **Email** inge.pieterse@up.ac.za
Websites www.up.ac.za/construction-economics | www.up.ac.za/school-for-the-built-environment | www.up.ac.za/ebit-postgraduate

SCHOOL FOR THE BUILT ENVIRONMENT

Department of Town and Regional Planning

Bachelor of Town and Regional Planning

What does the programme entail?

This programme prepares students for a career in which they help plan, design and manage changes in society through the development and use of land.

Students learn to create projects and interventions at different levels—from designing individual housing or commercial sites to planning entire neighbourhoods, cities or even regions.

The aim is to give people more choices in where and how they live, promote fairness and equal access to resources, support environmentally and socially sustainable communities and improve overall quality of life.

The main goal of this profession is to find innovative, fair, sustainable and affordable ways to improve how people live and use land. In South Africa today, town and regional planners play an important role in fixing imbalances in cities and rural areas, and in improving settlements that are poorly planned, unfair or inefficient.

Planning is challenging because different people and groups—such as local communities, businesses, government and environmental organisations—often have different and sometimes conflicting ideas about what should happen in a town or region. Planners must find solutions that balance these interests while improving the area for everyone.

Structure of the programme

Practice and theory are closely integrated in the Town and Regional Planning programme. Lectures, practical projects and studio work encourage critical thinking, discussion and problem-solving by applying theory to real-world situations. The programme is student-centred, and each student's progress is carefully monitored.

Students gain the knowledge and skills needed to plan interventions for properties, settlements and regions. Key areas of focus include planning theory and history, land-use management and development, settlement planning and design, strategic and integrated development planning, urban and rural regeneration, public policy and planning methods and techniques.

Additional modules in related fields ensure students develop a multidisciplinary perspective, enabling them to provide innovative, inclusive, affordable and practical solutions to complex urban and rural challenges.

SCHOOL FOR THE BUILT ENVIRONMENT

Bachelor of Town and Regional Planning *(continued)*

What makes this programme unique?

One of the Department's key goals is to take on new challenges and find creative ways to help rebuild and improve South Africa. The Department is actively involved in community development projects, working on research and contracts for local, provincial and national government. These projects focus on making communities more inclusive and helping them grow in a positive way.

The professional four-year Bachelor of Town and Regional Planning qualification enables graduates to register as professional town and regional planners with the South African Council for Planners (SACPLAN), which is an official body established in terms of an act of Parliament. The degree is internationally recognised.

Who is the ideal candidate?

The ideal candidate needs to be:
- Professional
- Caring and sensitive
- Analytical and strategical
- A creative problem-solver
- Able to suggest innovative solutions
- Able to bring different people's ideas together

Because South Africa faces big challenges like housing shortages, limited social services and high levels of poverty and inequality, planners also need a strong sense of social and environmental justice. They should be committed to improving the lives of people and communities.

Career opportunities

While most town and regional planners are employed in the three spheres of government, or act as private consultants to the public and private sectors, they are also employed by research agencies such as the Council for Scientific and Industrial Research (CSIR) and the Human Sciences Research Council (HSRC), non-governmental and development organisations, community-based organisations, major financial institutions and property development groups.

Application requirements

Programme	Application requirements for NSC/IEB for 2027			
	Achievement level			APS
SCHOOL FOR THE BUILT ENVIRONMENT	**English Home Language or English First Additional Language**	**Mathematics**	**Physical Sciences**	
Bachelor of Town and Regional Planning [4 years]	5	4	-	**30**

For advice on a second-choice programme, please consult a student advisor. To make an appointment, send an email to carol.bosch@up.ac.za.
The minimum period of study is four years' full-time study. Only a limited number of candidates can be accommodated and admission is subject to selection.

Contact information Prof Karina Landman | **Tel** +27 (0)12 420 6379 | **Email** karina.landman@up.ac.za
Websites www.up.ac.za/townplanning | www.up.ac.za/school-for-the-built-environment | www.up.ac.za/ebit-postgraduate

SCHOOL OF INFORMATION TECHNOLOGY

SCHOOL OF INFORMATION TECHNOLOGY

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DISCOVER THE CAREER BENEFITS OF A POSTGRADUATE QUALIFICATION:
FIND SPECIALISATIONS

The School of Information Technology is a forerunner in the South African IT environment. With its unique combination of the fields of computer science, informatics and information science, students benefit from an integrated approach, supported by modern laboratories.

All the degree offerings in the School of Information Technology (SIT) are highly sought after in the IT industry with a focus on industry-related trends. We also collaborate with industry and academic partners from the African continent and the rest of the world on a variety of research projects in exciting new technology fields.

The curricula conform to the highest international standards and provide breadth and depth in computing skills; equipping students with problem-solving abilities, and giving them a foundation for continued learning in an IT career. As a testimony to our commitment to top-quality education, the School of IT is a proud member of the iSchools Organisation.
Learn more at **ischools.org**

MAKE AN IMPACT
The School of Information Technology actively contributes to research in the following Sustainable Development Goals (SDGs) of the United Nations:

- **SDG 4:** Quality Education
- **SDG 9:** Industry, Innovation and Infrastructure
- **SDG 17:** Partnerships for the Goals

I AM EBIT: BREAKING BOUNDARIES

UP graduate completes 2-year IT master's in 10 months

Mikhail Edwards, a Masters of Information Technology (MIT) degree graduate from the University of Pretoria's Department of Informatics in the EBIT Faculty, wants to make a difference to society at the intersection of software development, business analysis, project management and strategic leadership.

He impressed his supervisors with his creativity and passion to learn when he completed the two-year master's programme in only 10 months. As partner and managing director of the South African branch of the software development company Cirrus Bridge, he is now serving the industry with his insight and critical, innovative thinking.

Despite not having any information technology (IT)-related subjects in matric, his initial interest was in the business side of Informatics. He later became invested in IT, especially its application in business system analysis. 'As my father had an IT company, I knew what it entailed, and always knew I wanted to do something innovative in that line,' he explains.

After completing his BCom Informatics: Information Systems degree in 2022, he enrolled for an honours degree, which he obtained with distinction at the end of 2023, followed by an MIT: ICT Management degree, which he also obtained with distinction at the end of 2024. He is currently enrolled for his PhD in Information Systems, where he is developing a maturity model that integrates DevOps (the practice of combining software development and IT operations to deliver software solutions faster, more reliably and with greater stability) and enterprise architecture management for business value creation.

During 2024, while completing his master's degree, he served as an assistant lecturer in the Department of Informatics and worked as a coordinator in the Department's User Experience (UX) Laboratories. Although he had initially chosen to conduct research on merging business analysis with UX design to provide industry with better solutions through the identification of better requirements, he discarded this for a topic with greater industry application. This followed his appointment as a student intern at the BMW IT Hub, where the company suggested a topic that was identified as a need in the motor industry: using artificial intelligence (AI) anticipatory functions to establish the efficacy of cloud-hosted systems.

Prof Hanlie Smuts, Head of the Department of Informatics and Mikhail's research supervisor, describes him as an inspirational student. 'In both his honours and his master's research, I found him to be very focused and goal oriented. He does not procrastinate and ensures that his work is always finished in good time. He has an excellent work ethic, applies what he has learnt, and practices good time management. These are qualities that will serve him well in his career.'

Since his research was completed ahead of schedule, he had the opportunity, together with his supervisor, to present his findings at the 17th International Conference on Information Systems of the International Association for Development of the Information Society (IADIS) in Portugal in 2024. This led to an invitation to expand on his research for a peer-reviewed article published in the *International Journal on Computer Science and Information Systems*. 'This is a major achievement for a postgraduate student,' says Prof Smuts. She believes that he could make a career for himself in academia, but that he would be just as successful carving a career for himself in industry. 'However, his impact on society would perhaps be better achieved in industry.'

The decision to join the start-up company that had been established by his brother Patric in the Netherlands reveals his desire to apply his knowledge in different industries. 'It appealed to the entrepreneur in me, and responded to the desire I have always had to make a difference.' His aim is to build an international company that can leverage business value for its clients.

He attributes the success he has achieved, to a large extent, to his decision to enrol in the University of Pretoria's Department of Informatics after matric. It has taken him through his entire post-school life cycle, from student to industry. 'It is a top-ranked department in Africa, and the lecturers prepare one for a career in industry by keeping up to date with the latest developments.' He believes this has equipped him to add value to any business, from a start-up to a leader in industry. 'The Department ensures that its graduates have the relevant skills when they enter industry. I could not have asked for any better.'

SCHOOL OF INFORMATION TECHNOLOGY

Department of Computer Science

Bachelor of Science in Computer Science

What does the programme entail?

A Bachelor of Science in Computer Science degree from the University of Pretoria provides a strong foundation and advanced skills in computing. It equips students with problem-solving abilities and ensures that they have a solid foundation for continued learning and producing high-quality software in an IT career.

What makes this programme unique?

The curriculum conforms to the highest international standards and will give students a foundation in all the important areas of computer science. Students will study a wide variety of computer science modules that emphasise the most up-to-date ways of developing software for use in the IT industry.

Career opportunities

Graduates follow careers in programming, system analysis, system architecture, consulting, database administration and network analysis. They can also be employed as researchers.

Who is the ideal candidate?

The ideal candidate is someone who is:

- Curious about how computers work
- Interested in building things carefully and systematically
- Good at step-by-step reasoning
- Fascinated by designing solutions that others can use
- Able to pay attention to detail
- Able to recognise good style in their work
- Creative and able to work well in a team
- Persistent in completing tasks

Structure of the programme

The minimum time required for completing a Bachelor of Science in Computer Science degree is three years. This programme includes a significant number of mathematics and natural sciences modules to strengthen the kind of thinking needed for the development of software and the enhancement of problem-solving abilities. It also provides a basis for research in computer science, which often relies on a certain level of mathematical skill and maturity.

LEARN MORE

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	
Bachelor of Science in Computer Science [3 years]	5	6	30

The suggested second-choice programmes for Bachelor of Science in Computer Science are Bachelor of Science in Information Technology in Information and Knowledge Systems and Bachelor of Commerce specialising in Information Systems.

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Websites www.cs.up.ac.za | www.up.ac.za/school-of-information-technology | www.up.ac.za/ebit-postgraduate

SCHOOL OF INFORMATION TECHNOLOGY

Department of Computer Science

Bachelor of Science in Information Technology in Information and Knowledge Systems

What does the programme entail?

Bachelor of Science in Information Technology in Information and Knowledge Systems is the ideal programme for students who are interested in computer science, and specifically in one of the following areas of specialisation:

- Data science
- Genetics
- Geographical information systems
- IT and enterprises
- Law
- Music
- Software development

The minimum period for the completion of the Bachelor of Science in Information Technology in Information and Knowledge Systems programme, which aims to prepare students for careers in the IT industry, is three years.

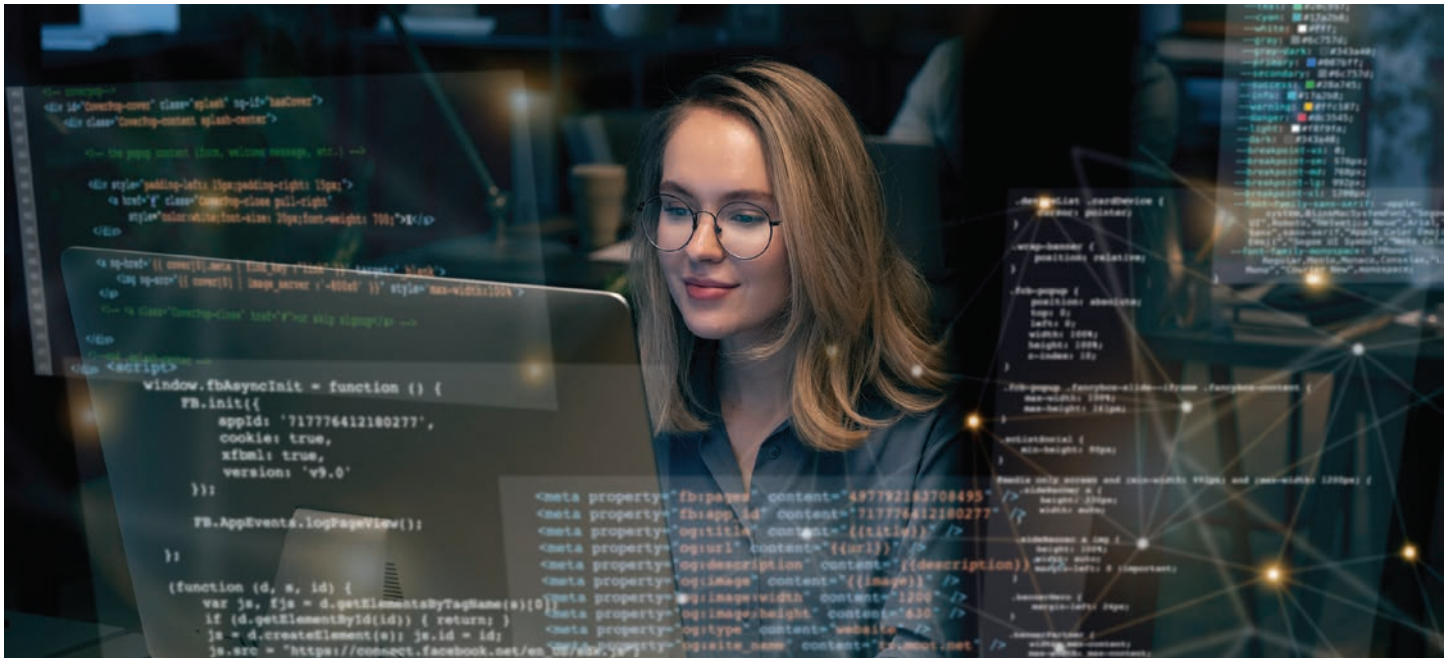
What makes this programme unique?

The Bachelor of Science in Information Technology in Information and Knowledge Systems programme covers more than just computing. It has a multidisciplinary approach, meaning students learn how computer science connects with other fields. The curriculum also allows students to choose a second major besides computer science, giving them a broader perspective and more opportunities for different careers.

Who is the ideal candidate?

The ideal candidate should have:

- Attention to detail
- The ability to work with others in a team
- Analytical skills
- Creativity



Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	
Bachelor of Science in Information Technology in Information and Knowledge Systems [3 years]	4	6	30
The suggested second-choice programme for Bachelor of Science in Information Technology in Information and Knowledge Systems is Bachelor of Technology in Information Systems			

Contact information Prof Linda Marshall | **Tel** +27 (0)12 420 2361 | **Email** compsci@up.ac.za
Websites www.cs.up.ac.za | www.up.ac.za/school-of-information-technology | www.up.ac.za/ebit-postgraduate

SCHOOL OF INFORMATION TECHNOLOGY

Department of Informatics

Bachelor of Information Technology in Information Systems

What does the programme entail?

Students who enrol in this programme study how computer and information systems are used in organisations. As the use of information technology grows rapidly, new and more complex applications are constantly being developed.

Informatics specialists learn to analyse business problems and improve the efficiency, effectiveness and control of processes in commercial organisations, government departments, non-profit organisations or any organisation where information is important. They not only identify business needs but also design and implement information systems to meet them.

Today, the term 'information systems' usually refers to computer-based systems, including mobile applications, that store and manage data so people can understand it and make better decisions.

What makes this programme unique?

What makes the Informatics degree at the University of Pretoria unique is the Capstone Project, which is a working software solution for a real-life client. Implementing this software solution exposes students to the industry's need for graduates with both soft skills and technical skills.

Career opportunities

Informatics specialists can choose between many excellent job opportunities. For example, they can take on roles as a:

- Business analyst
- System analyst
- Data scientist
- Knowledge manager
- Quality assurance tester
- User experience designer
- Project manager
- Developer (front end, back end or full stack)
- IT auditor
- IT entrepreneur
- IT tax specialist
- e-business consultant

Who is the ideal candidate?

The ideal candidate should have:

- analytical skills;
- excellent research skills;
- problem-solving skills;
- communication skills; and
- the ability to work in a team.

Structure of the programme

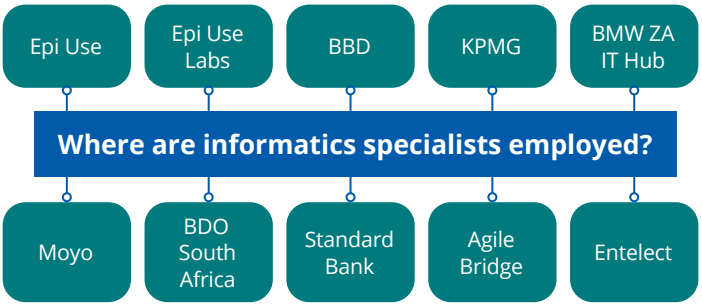
The Bachelor of Information Technology in Information Systems programme takes a minimum of three years to complete.

Core modules

- Critical thinking and problem solving
- Programming
- Systems analysis and design
- Database design and development
- Team skills development

Elective modules are dependent on the chosen stream. Streams are:

- Computer Auditing
- eTaxation
- Data Science Management
- Geography
- eBusiness
- Entrepreneurship
- User Experience Design



Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	APS
Bachelor of Information Technology in Information Systems [3 years]	5	5	**30**

The suggested second-choice programme for Bachelor of Information Technology in Information Systems is Bachelor of Information Science.

Contact information Prof Marié Hattingh | **Tel** +27 (0)12 420 3798 | **Email** informatics@up.ac.za
Websites www.up.ac.za/informatics | www.up.ac.za/school-of-information-technology | www.up.ac.za/ebit-postgraduate

SCHOOL OF INFORMATION TECHNOLOGY

Department of Informatics

Bachelor of Commerce specialising in Information Systems

What does the programme entail?

Students enrolled for the Bachelor of Commerce specialising in Information Systems degree study the application and use of computer and information systems in an organisation. The degree is offered as an inter-faculty programme between the Faculty of Economic and Management Sciences (EMS) and the Faculty of Engineering, Built Environment and Information Technology (EBIT). Students also have the option to pursue further studies within the BCom elective stream, allowing them to deepen their expertise in specific areas of interest.

The broad background in economic and management sciences gained through this programme is combined with information technology (IT) to teach students how to design and implement systems for storing and manipulating data in such a way that people can understand, use, interpret and make decisions based on that information.

What makes this programme unique?

The Bachelor of Commerce specialising in Information Systems programme at UP is the only degree in South Africa that is internationally endorsed by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) of the USA.

The Bachelor of Commerce specialising in Information Systems degree at the University of Pretoria features a Capstone Project in which students develop a working software solution for a real-life client. Through this project, students gain valuable exposure to industry expectations, particularly the need for graduates with both strong technical abilities and well-developed soft skills.

Career opportunities

A well-qualified informatics specialist can take on a role as a:

- Data scientist
- IT auditor
- IT entrepreneur
- Programmer
- Business analyst
- Project manager
- Chief Information Officer (CIO)
- Chief Technical Officer (CTO)
- Knowledge manager

‘As a high school student, I had already acknowledged that my strengths lay in IT and business. When representatives from the University of Pretoria came to my high school and presented the different programmes they offered, the informatics degree immediately sparked my interest. Looking back on my journey as a Bachelor of Commerce student specialising in Information Systems, I realise that it has been one of the best choices I have made. This degree not only aligns with my strengths but also covers a wide range of expertise. I was able to learn how to apply and use information systems in organisations and incorporate commerce into the IT industry. This degree offers a wide variety of career opportunities, meaning I will not be limited to certain career options. I am confident that I have chosen the right degree.’

Amy Trawin – Bachelor of Commerce specialising in Information Systems

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Information Systems [3 years]	5	5	30

This programme is presented in collaboration with the Faculty of Economic and Management Sciences.
Suggested second-choice programme: Bachelor of Information Technology in Information Systems

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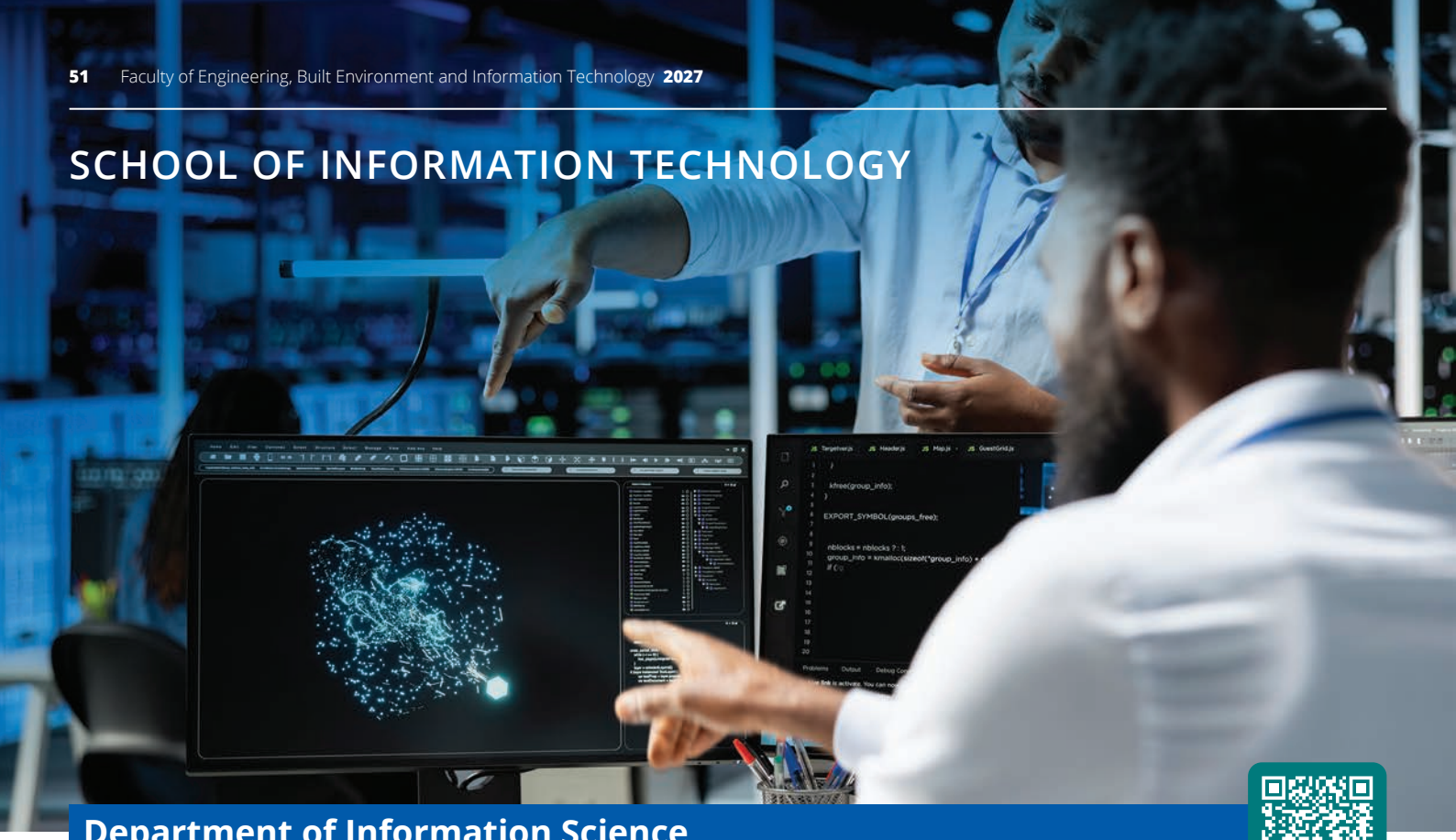
Websites www.up.ac.za/informatics | www.up.ac.za/school-of-information-technology | www.up.ac.za/ebit-postgraduate

SCHOOL OF INFORMATION TECHNOLOGY



Department of Information Science

Bachelor of Information Science specialising in Multimedia*

What does the programme entail?

The rapid evolution of digital technology has redefined how we create, communicate and interact with information. The Multimedia qualification in the Department of Information Science equips students to design and develop interactive digital experiences across various platforms and media. This includes websites, games, animations, mobile applications and other user-centred interactive systems.

The programme integrates technical development skills with creative problem-solving and critical understanding of current computing and digital innovation trends. Students gain hands-on experience in web development, interaction design, animation, video and sound editing and 3D modelling. A strong emphasis is placed on programming and core computer science principles, giving students the foundation to build robust, scalable and intelligent digital systems. They also engage with human-computer interaction, user experience design and emerging technology trends.

By combining practical application with theoretical insight, the qualification prepares students to navigate and shape the rapidly changing landscape of interactive technology. This degree offers the skills and perspective needed to remain relevant and adaptable in an increasingly digital world where engagement, usability and innovation are critical.

Which companies employ our graduates?

Graduates with skills in interactive technology can find opportunities across many sectors that benefit from innovative digital solutions. For example, our graduates have gone on to work at:

- RetroRabbit
- Gendac
- EPI-USE Labs
- 24-bit Games
- bizAR Reality
- 5DT

What makes this programme unique?

This programme bridges the gap between design and development, equipping students to collaborate effectively across multidisciplinary teams. Graduates gain the versatility to operate in both creative and technical roles, with the ability to move between front-end design, user experience and back-end development tasks.

Through its integration of programming, computer science fundamentals, and applied digital technologies, the programme prepares students to engage with cutting-edge tools and methodologies used in industry, from web development and game design to immersive environments and interactive media. This versatility ensures graduates are not only technically capable but also industry-relevant and future-ready.

Who is the ideal candidate?

The ideal candidate should be:

- Passionate about computing and technological advancements
- Happy to spend many hours in front of a computer
- Interested in creating and maintaining websites (both front- and back-end)
- Interested in learning about animation, image, sound and video editing
- Interested in the intersection between technical aspects (programming) and design aspects (user experience, visual design)
- Interested in understanding how people interact with computing systems and how to design them based on this knowledge (user experience and interaction design)

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

SCHOOL OF INFORMATION TECHNOLOGY

Bachelor of Information Science specialising in Multimedia* *(continued)*

Structure of the programme

Core modules
- Theory of information science
- Web development
- Interactive technology theory and trends
- Interactive technology authoring tools
- Human-computer interaction
- Programming and program design
- Computer science theory
- Visual design

Elective modules (3rd year computer science only)
- Software engineering
- Artificial intelligence
- Computer networks
- Programming languages
- Compiler construction
- Computer security
- Database systems
- Computer graphics

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	
Bachelor of Information Science specialising in Multimedia* [3 years]	4	5	**30**

The suggested second-choice programmes for Bachelor of Information Science specialising in Multimedia* are Bachelor of Information Science, Bachelor of Science in Information Technology in Information and Knowledge Systems and Bachelor of Science in Computer Science.

Contact information Ms Annique Smith | **Email** annique.smith@up.ac.za
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www.up.ac.za/ebit-postgraduate
** Possible name change to: Bachelor of Information Science specialising in Interactive Technology*

SCHOOL OF INFORMATION TECHNOLOGY

Department of Information Science

Bachelor of Information Science

What does the programme entail?

Information and technology are found in every aspect of modern society, and there is a growing need for graduates who understand how people interact with information and technology. This is especially relevant with new technologies from the Fourth Industrial Revolution and other innovations.

This degree focuses on using technology to manage and process information products. Students learn how to organise, retrieve and share information, as well as how to make it more useful and valuable.

Students also gain skills in managing information and knowledge, which are the most critical resources for any organisation. This includes learning about knowledge management, competitive intelligence and digital tools like online repositories.

Who is the ideal candidate?

This degree is ideal for students who:
- Enjoy working with information
- Enjoy creating or sharing knowledge, both in digital and analogue formats
- Are able to organise, manage and use information
- Practice knowledge management and competitive intelligence in an ethical way

Graduates with these skills are in high demand and can help companies that rely heavily on information to achieve their goals and compete globally.

Which companies employ our graduates?

Graduates can work in banks, telecom companies, consultancy firms and any industry that relies heavily on information.

Career opportunities

- **Knowledge managers** (manage information and knowledge resources)
- **Information specialists** (organise, retrieve and add value to information)
- **Information consultants** (consult on information products, services and systems)
- **Information brokers** (become an infopreneur and buy and sell information products and services)
- **Systems specialists** (analyse and develop information systems)

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	
Bachelor of Information Science [3 years]	4	-	28

The suggested second-choice programmes for Bachelor of Information Science are Bachelor of Information Science specialising in Publishing and Bachelor of Arts.

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SCHOOL OF INFORMATION TECHNOLOGY

Department of Information Science

Bachelor of Information Science specialising in Publishing

What does the programme entail?

The Bachelor of Information Science specialising in Publishing programme teaches publishing theory and skills by selecting and developing content based on the needs of the user and appropriately packaging this content through a process of adding value. Publishing can happen in both paper-based and electronic format and includes a range of products, such as books for the trade market and publications for educational, academic and corporate readers. Publishing processes are also used in the production of mass media products, such as newspapers and magazines.

This programme aims to:
- provide students with knowledge of the publishing process and role-players, as well as trends and initiatives in the local and international publishing industry;
- provide students with relevant and current skills, including editing, design and production;
- enable students to work with a variety of information formats, from print to digital; and
- make students aware of the social, ethical and legal responsibilities involved in the publishing process.

What makes this programme unique?

This programme is the only undergraduate publishing degree available in South Africa and gives students access to the full publishing value chain. It is benchmarked against international programmes and students can continue with their studies in other countries.

Who is the ideal candidate?

The ideal candidate should have:
- excellent language and communication skills, both written and verbal;
- project management and the ability to work towards goals and deadlines;
- computer skills and an aptitude for learning new skills;
- critical reading and reasoning; and
- good business sense.

Career opportunities

Graduates can work in a wide variety of publishing, communication and media companies. Various career opportunities are available in the publishing industry, book retail and corporate communications. Content production for media houses, magazines and other content creators is also possible.

Some career opportunities include the following:
- Editorial functions
- Layout, design and typesetting
- Digital production
- Copyright permissions and negotiations
- Marketing and promotion
- Self-publishing and consultancy

LEARN MORE

Which companies employ our graduates?

Our graduates can be found at all major local publishers (Pan Macmillan, Jonathan Ball, NB, Oxford University Press, Van Schaik, Springer Nature and and Juta), as well as at companies as diverse as legal firms, medical aid schemes and car manufacturers. Some are also entrepreneurs and start new businesses, for example BK Publishing and Blackbird Books.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		
SCHOOL OF INFORMATION TECHNOLOGY	English Home Language or English First Additional Language	Mathematics	APS
Bachelor of Information Science specialising in Publishing [3 years]	5	-	**28**

The suggested second-choice programmes for Bachelor of Information Science specialising in Publishing are Bachelor of Information Science, Bachelor of Arts specialising in Languages and Bachelor of Arts.

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DEPARTMENT OF INFORMATION SCIENCE: STUDENT TESTIMONIALS

'I chose the BIS Multimedia degree because it combines critical and creative thinking, offering the perfect balance of technical challenge and creative freedom in a fast-growing career field. My favourite part of the programme was my final-year project, where Multimedia students worked in groups to develop a video game from scratch. It was an incredible experience that taught me how to turn an idea into a complete product while having fun collaborating with others.

Throughout the degree, I've gained valuable technical and creative skills, including experience with different coding languages, which has given me the confidence to contribute meaningfully to any workspace. The programme has also taught me how multimedia products can shape the way people interact with technology, enhancing user experiences in creative and meaningful ways. I would advise future students to take the time to truly understand the foundational concepts in each module, as they are essential for success. This degree has equipped me with creative problem-solving skills, allowing me to make a positive impact in both the industry and the wider community.'

Ayla Inggs – Bachelor of Information Science Honours specialising in Multimedia*

'I have always been passionate about IT and technology and their continuous advancements. This degree was perfect for me because of the wide variety of content and topics it covers, from developing web applications and coding AI, to making short films—both animated and live action—and creating video games. My favourite part of the degree was that it allowed me to express my creative side while staying relevant to the content being taught. The programme encourages you to be expressive and to put your own style into your work.

The skills and knowledge I have gained prepare me for a variety of career paths. I could pursue full-stack development or specialise in front-end work, focusing on user interface and user experience. The degree also helped me develop my personal interests in 3D modelling and visual effects through applications like Blender, Unity and the full Adobe suite. Many projects and assignments involve group work, which helps prepare you for the professional environment by developing teamwork and effective communication skills.

For anyone considering this degree, I would say: be prepared to work hard but also have fun doing it. The topics are fascinating, so don't be afraid to express yourself.'

Jerome Lou – Bachelor of Information Science specialising in Multimedia*

'When I was in school, I took IT and loved the theory, but wasn't a fan of coding. Many encouraged me to pursue programming because it's a highly sought-after skill. While applying, I discovered Information Science, which immediately seemed like the perfect fit since coding was optional. It's hard to pick a favourite part of this degree because it opens up so many career options. From information ethics to knowledge management and competitive intelligence, I feel well prepared for roles in governance, data management or business analysis. I consider it a 'hidden gem' degree—some modules offered at UP aren't available anywhere else.

I love that this degree goes beyond teaching processes; it trains you to critically assess problems, so solutions are practical and useful. Information exists everywhere, so the skills I've gained apply to almost any industry.

And of course, there's AI. The skills we acquire aren't easily replaced by technology because this degree emphasises human and machine collaboration. We learn to be the link between processes and end-users, translating needs into instructions or blueprints for those behind the scenes.

Overall, I highly recommend this degree to anyone who loves IT but wants to explore its business applications, maybe with a bit of coding on the side, and who values building relationships to deliver collaborative solutions.'

Caitlin Moses – Bachelor of Information Science

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

DEPARTMENT OF INFORMATION SCIENCE: STUDENT TESTIMONIALS

'I chose the Bachelor of Information Science because I've always been solution-driven, and I saw how well it aligned with my passion for using information and technology to solve real-world problems. One of my most memorable experiences was during my second year when I took part in the joint community project (JCP), which is a year-long project. Working alongside Engineering and IT students, we helped catalogue books in a community library—a hands-on project that showed me the value of collaboration across disciplines.

Throughout my time in Information Science, I've gained essential skills such as time management, research and accountability. I've also had the chance to be involved in research collaborations, which strengthened my interest in the field of cyber security, where I see myself building a career. I believe students who thrive here are curious and willing to put in the work to grow both academically and personally. Making it onto the Dean's List has been the highlight of my journey, and my advice to future students is simple: you can if you believe.'

Katlego Ngoato – Bachelor of Information Science

'I chose the Bachelor of Information Science specialising in Publishing degree because I've always believed that the more you read, the more you understand the world. Books and other media have played a big role in my life, so I wanted to learn how information is created and packaged. My favourite part of the programme has been learning about the publishing industry and how it connects with other fields, especially through guest lectures who are working in industry.

Throughout the degree, I've gained many skills, including teamwork, time management and attention to the bigger picture. I've also developed practical and critical thinking skills such as copywriting, proofreading, copy-editing, project management and design. This degree has prepared me for my future career by teaching me to think outside the box and develop an eye for quality—skills that are essential in any industry.

I would recommend this degree to anyone looking for a balance between creativity and logic. It allows you to develop logical thinking in creative ways, which is a truly rewarding process.

Publishing is the gateway between people and communication, and the keeper of culture. I'm proud to have studied it, and I believe it will enable me to make a meaningful difference in my community and the industry as a proactive, creative problem solver.'

Lizé Behrens – Bachelor of Information Science Honours specialising in Publishing

'I chose the Bachelor of Information Science specialising in Publishing degree, because of my interest in media. My experience has been intriguing as I have gotten to learn about the niche world of publishing, which feels like an elite club that a select few are privy to. Like most people, I did not know that publishing had its own field. It can be as much a creative field as it is mechanical. Paradoxical, I know, but this was made evident to me when I had a module that needed us to make use of InDesign. This is when I could let my imaginative side shine through with the use of design concepts. I also enjoyed the coding modules, although it was the most challenging for me, as I have absolutely no coding background from high school.

If you are a creative such as myself, there's space for you as a graphic designer, copywriter and so on. The highlight of my journey has been getting a greater sense of self because this degree is interdisciplinary, and the people who enter it are just as versatile, which gives you a large canvas to grow.'

Tshiya Nell – Bachelor of Information Science specialising in Publishing

FLAGSHIP RESEARCH PROJECTS

Engineering 4.0 positions the University of Pretoria (UP) as a centre of excellence for smart transportation

The state-of-the-art Engineering 4.0 complex, completed in 2020, houses several laboratories and research and training facilities, including a concrete laboratory, a timber laboratory, and a training laboratory. It is also the site of SANRAL's National Roads Materials Reference Laboratory, where the independent reference testing of materials for the road construction industry takes place, as well as an accelerated pavement testing track that can be monitored to study data related to traffic, pavement design, and road construction. This will support cost-effective and innovative pavement engineering for Africa's infrastructural development. Through this initiative, the Faculty is well on its way to earning a reputation as the country's leading expert in smart transportation.

Through its focus on the development of an integrated transportation system, Engineering 4.0's research concentrates on the reduction of energy consumption levels in transportation, maximising productivity in industry and creating a better quality of life for the country's citizens. With the introduction of artificial intelligence, robotics, and Big Data, the Department of Civil Engineering is making use of a smart alternative transportation platform in the form of a four-legged terrestrial robot. This research platform serves as a vehicle to access infrastructure for data collection across various disciplines.

READ MORE

Immersive learning

The Faculty has embraced immersive technology as an innovative teaching approach that provides students with realistic and engaging virtual learning experiences. Through virtual reality tools, it is possible to take the classroom to a remote and unsafe environment, such as an underground mine, and students can even potentially be taught to operate equipment in the virtual space before they are exposed to the actual machinery in the laboratory. This not only reduces the chance of accidents but also increases accessibility.

The Department of Mining Engineering is a trailblazer in this initiative, having established a virtual reality training centre in 2015. The Department of Information Science also plays a key role in this project with its Immersive Technology Laboratory. Here, students and staff can explore the latest immersive technology tools, including virtual reality (VR) and augmented reality (AR) tools, to gain confidence in using this technology.

READ MORE

FLAGSHIP RESEARCH PROJECTS

Built environment research contributes to urban upliftment

Postgraduate students in the School for the Built Environment have been making a difference in the informal settlements of Tshwane since 2016.

The research activities of the Department of Architecture's Unit for Urban Citizenship focus on addressing the needs of the residents of Plastic View and Melusi. This includes creating a sustainable built environment and providing basic services and infrastructure.

The unit strives to develop the scholarship of civil engagement and participatory development within the context of a complex emergent African urbanism. It simultaneously strives to embed a culture of responsible and collaborative urban citizenship in both its graduates and the communities within which it works. It offers a platform for vertical integration between study years to incorporate a socially responsive teaching and learning philosophy into the programmes of the Department of Architecture.

It also establishes an interdisciplinary network of collaboration that can achieve the horizontal integration of its objectives with specific stakeholders through inter-faculty engagement. By facilitating collaboration with its internal and external stakeholders, the department's teaching and research can be aligned to improve impact. In the process, the role of a university, as an anchor institution and social actor, is embedded in the community.

Teamwork across disciplines enhances sustainability

The global construction industry significantly contributes to the emission of greenhouse gases and the depletion of resources. This is aggravated by the waste that is generated in the construction and demolition of buildings. Adopting a circular value chain for building materials presents a wonderful opportunity to reduce embodied carbon, the dependency on raw materials, and wasteful practices. This entails reusing, refurbishing, and recycling existing materials and products for as long as possible. Since so much building waste ends up in the country's landfill sites, this has both a financial and an environmental impact. Members of the departments of Architecture and Civil Engineering therefore pursued an innovative approach in which they adopted a circular value chain for building materials.

This approach aimed to improve value chains in construction through transdisciplinary education by establishing how building materials originating from the demolition of structures can be reused in the construction of new buildings. The result was a transdisciplinary training model that employed computer models with building information data. Its success depended on collaboration and teamwork between members of the individual disciplines. It achieved international recognition for its impact, scalability, and sustainability when it received the Quanser Global Sustainability Award for 2023. It was the only shortlisted project from Africa.

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:

The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

UNIVERSITEIT VAN PRETORIA
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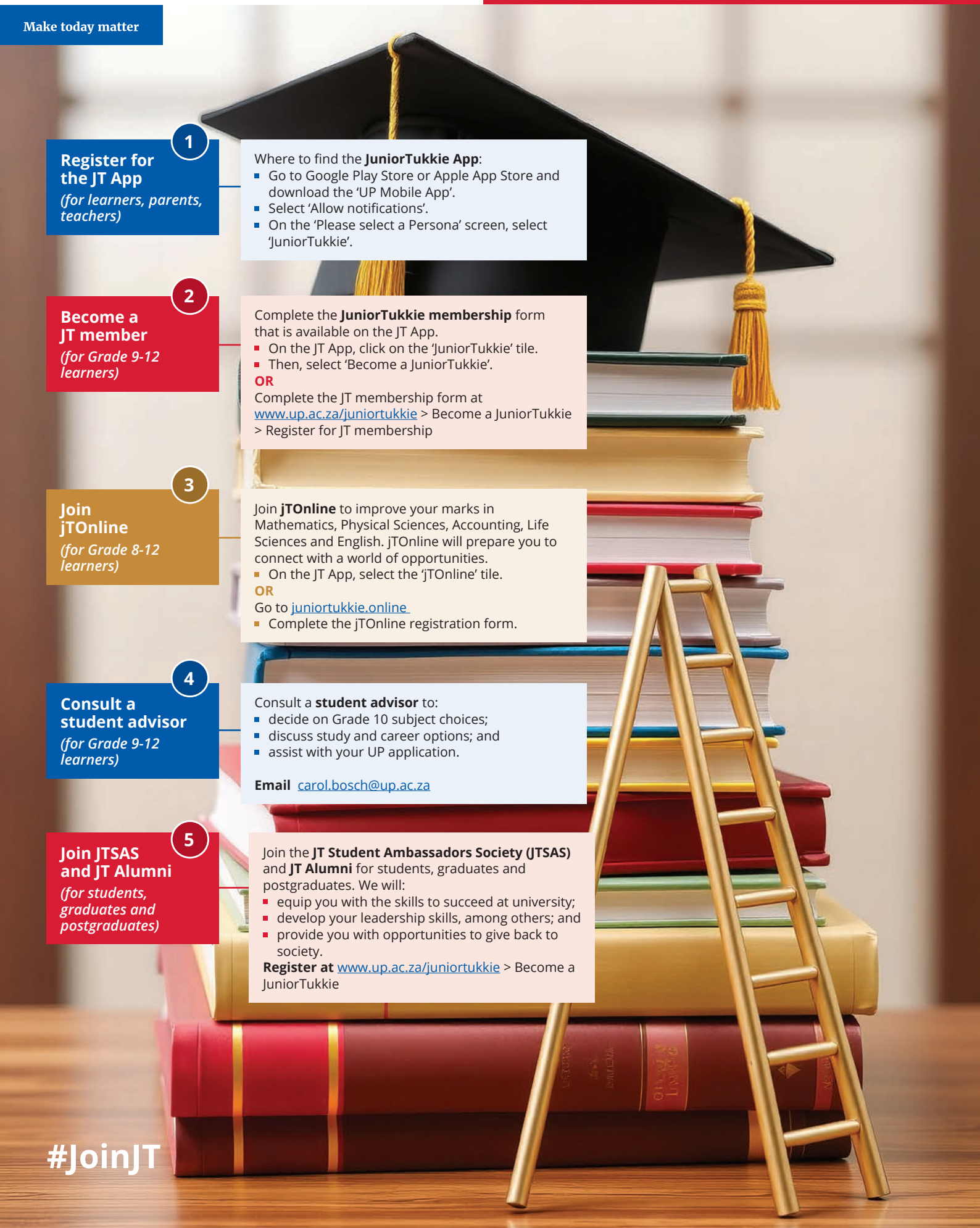
JuniorTukkie helps you to STEP UP.

Make today matter



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

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

EBIT Concert

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Private Bag X20, Hatfield, 0028, South Africa
Tel +27 (0)12 420 3111
www.up.ac.za

https://linktr.ee/upebitfaculty

Inquiries:
ebitmarketing@up.ac.za

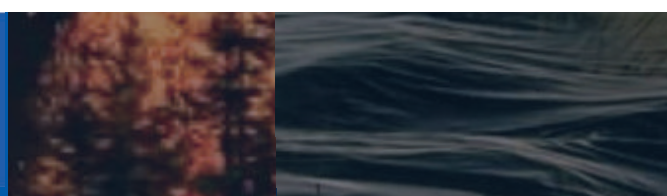
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Engineering, Built Environment and Information Technology

Fakulteit Ingenieurswese, Bou-omgewing en Inligtingtegnologie / Lefapha la Boetšenere, Tikologo ya Kago le Theknolotši ya Tshedimošo

Make today matter

www.up.ac.za



Undergraduate Faculty Brochure

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Education

Fakulteit Opvoedkunde
Lefapha la Thuto

Make today matter

www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Education

Prof Lindelani Mnguni, Dean: Faculty of Education, University of Pretoria

Dear Students,

Welcome to the Faculty of Education at the University of Pretoria – a globally recognised centre of excellence in teacher education, research and educational leadership. As the largest contact Faculty of Education in South Africa, we are proud to serve as a dynamic and inclusive space where aspiring teachers are empowered to shape the future of our society.

Our vision is clear: to be at the forefront of education that prioritises human potential and responds to the challenges of an increasingly complex world. We aim to be a leading research-intensive faculty that develops outstanding teachers and thought leaders, while driving the transformation of education systems through impactful research and meaningful community engagement. Our mission is rooted in preparing graduates who are not only academically strong but also socially responsive and professionally prepared to meet the evolving needs of the educational sector.

We are committed to future-proofing our students. This means equipping you with a strong theoretical foundation, practical experience and digital fluency. Our hybrid teaching model combines traditional in-person instruction with innovative digital platforms, allowing for flexible, inclusive and effective learning. Through inquiry-based and community-oriented learning approaches, your education will be both intellectually enriching and socially relevant.

The Faculty has experienced remarkable growth and success in recent years. With more than 7 000 undergraduate students and a consistently high success rate, we take pride in offering strong support systems and a student-centred philosophy that enables most students to graduate within the minimum time.

Our undergraduate programmes are designed to prepare teachers for different educational phases:

- Bachelor of Education in Early Childhood Care and Education – Equipping you to teach children from birth to four years.
- Bachelor of Education in Foundation Phase Teaching (Grades R-3) – Ideal for those passionate about early learning and child development.
- Bachelor of Education in Intermediate Phase Teaching (Grades 4-6) – Focused on addressing the developmental and subject-specific needs of learners.
- Bachelor of Education in Senior Phase and Further Education and Training (Grades 7-12) – Offering broad subject expertise for teaching at higher school levels.
- Higher Certificate in Sports Sciences – For students interested in the role of physical education in holistic learning and development.

Community engagement is at the heart of who we are at the Faculty of Education. It reflects our commitment to socially responsive scholarship and meaningful impact. Our academic programmes and research initiatives are closely connected to the realities of the communities we serve. Through structured partnerships with local schools, education departments and NGOs, our students and staff contribute to educational development, particularly in underserved areas.

Work-Integrated Learning (WIL), community-based research and service-learning projects give you the opportunity to apply knowledge in real-world contexts, helping you understand the social and cultural dimensions of teaching. These engagements not only enrich your learning but also promote equity, resilience and transformation in our broader society. By advancing human-centred education, we aim to create a reciprocal relationship where both students and communities learn and grow together.

Our academic community is driven by cutting-edge research. With over 80% of our academic staff holding doctorates and 18 NRF-rated researchers, we are at the forefront of addressing educational challenges across the continent. Our research and innovation hubs, such as the Centre for the Study of Resilience and the Centre for Evaluation and Assessment, ensure that our work remains impactful and globally relevant.

To all our new and prospective students: we are excited to support you on this transformative journey. Join a faculty that not only teaches but inspires. Choose the Faculty of Education at the University of Pretoria, where your potential is nurtured, your goals are supported and your future takes shape.

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Produced by the Department of Enrolment and Student Administration in December 2025.
Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Education

AT A GLANCE

The Faculty of Education offers:

6 undergraduate programmes

43 postgraduate programmes

Distance education programmes include:

- Advanced Diploma in School Leadership and Management;
- Advanced Diploma in Visual Impairment;
- Postgraduate Diploma in TVET; and
- Bachelor of Education Honours.

Ranked among the **Top 5** Education faculties in South Africa Ranked

Top 351-400 globally for Education

82.7% of academic staff hold doctoral degrees

Home to **20** NRF-rated researchers

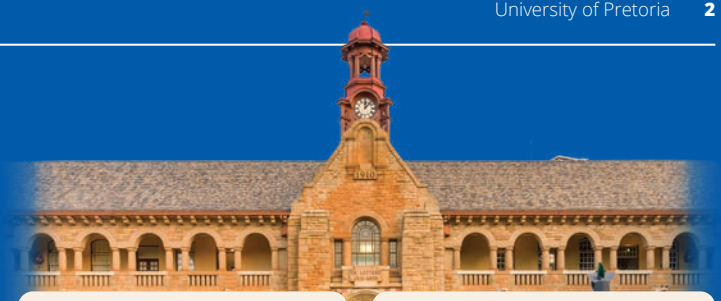
Offers a Higher Certificate in **Sports Sciences**

Has 5 academic departments

- Humanities Education
- Educational Psychology
- Early Childhood Education
- Science, Mathematics and Technology Education
- Education Management and Policy Studies

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Economic and Management Sciences

#1	in SA and Top 201-250 globally in Accounting & Finance
#1	in SA and Top 101-150 globally in Economics
8	academic departments, and School of Public Management and Administration
64%	of academic staff hold doctoral degrees

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ADMISSION REGULATIONS

Faculty-specific admission regulations

- English will be the language of teaching and learning (including lectures, tutorials and assessments) for all academic modules in the undergraduate programmes, except in cases where modules or programmes require the use of a language other than English. Modules that provide professional preparation requiring separate English and Afrikaans classes will be identified and will be explicitly listed as such. Modules of the Bachelor of Education in Foundation Phase Teaching, namely English, Afrikaans and an Indigenous African language that are language context specific, will continue to be offered in current language contexts due to the recognition of the need for home-language teaching in the foundation environment, as specified in the Policy on Minimum Requirements for Teacher Education Qualifications (Gazette 38487 of 19 Feb 2015). The teaching practice modules will allow both English and Afrikaans assessments, depending on the language of tuition at the schools where the work-intergrated learning was performed.
- As soon as candidates are admitted to the Bachelor of Education degree, they will be informed that they must register at the University in January of the following year. It is in the interest of prospective students, in particular those who need financial support and/or placement in a residence, to apply as soon as possible.
- A police clearance certificate (PCC) is recommended to enrol for a bachelor's degree in Education. In terms of the Children's Act (2005), all registered bachelor of Education students should declare their status under oath in terms of Part B of the National Child Protection Register (NCPR). The declaration form is available upon request.
- Applicants who have a Diploma Studies endorsement for the NSC (or an equivalent qualification), and who meet all other admission requirements for the Higher Certificate in Sports Sciences, may be considered for admission.
- **For elective modules in Physical Sciences or Life Sciences**, applicants must have passed Mathematics and Physical Sciences with a minimum achievement level of 5 (60–69%) in the NSC or an equivalent qualification.
- **Admission to the Bachelor of Education with a Higher Certificate in Sports Sciences:** Applicants who have a Diploma Studies endorsement for the NSC (or an equivalent qualification) may be considered for admission to the Bachelor of Education in Senior Phase and Further Education and Training (FET) Teaching, with a specialisation in Human Movement Studies and Sports Management.
- To qualify, applicants must first complete the Higher Certificate in Sports Sciences (HCSS) with a cumulative weighted average of at least 70%. This excludes marks obtained for JRC 150 Sports Practical (for the contact programme) and JRC 180 Sports Practical (for the online programme).

University of Pretoria website www.up.ac.za/education

UNDERGRADUATE PROGRAMMES

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the application requirements does not guarantee admission into a programme.

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Education in Early Childhood Care and Education [4 years]	4	28
Careers: Teachers and training officials at pre-primary or primary schools		
Bachelor of Education in Foundation Phase Teaching [Grade R to Grade 3] [4 years]	4	28
Careers: Teachers and training officials at pre-primary or primary schools		
Bachelor of Education in Intermediate Phase Teaching [Grades 4 to 6] [4 years]	4	28
Careers: Teachers and training officials at primary schools		
Bachelor of Education in Senior Phase and Further Education and Training Teaching [Grades 7 to 12] [4 years] 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 or equivalent examination.	4	28
Careers: Teachers and training officials at primary or secondary schools		
Higher Certificate in Sports Sciences [1 year]	4	20
Selection process: ▪ Applicants who indicate the Higher Certificate in Sports Sciences as their first or second choice will be considered. ▪ All applicants will be considered by the Faculty of Education's Student Administration based on the academic admission requirements. ▪ Applicants who meet the academic requirements will then be further considered for the different sports codes in consultation with TuksSport, according to their sports achievements. ▪ Preference will be given to applicants who have been nominated by an official sports club of the University of Pretoria. ▪ Applicants who have a Diploma Studies endorsement for the NSC (or an equivalent qualification) may be considered for admission to the Bachelor of Education in Senior Phase and Further Education and Training (FET) Teaching (programme code 09133031), with a specialisation in Human Movement Studies and Sports Management. To qualify, applicants must first complete the Higher Certificate in Sports Sciences (HCSS) with a cumulative weighted average of at least 70%. This excludes marks obtained for JRC 150 Sports Practical (for the contact programme) and JRC 180 Sports Practical (for the online programme). **Careers:** Sports coaching and roles in the sports and exercise industry		
Higher Certificate in Sports Sciences [2 years]	4	20
This is an online programme. **Careers:** This programme prepares students for employment as trainers and coaches across various sporting disciplines, in both the private and public sectors. Career opportunities may include roles in community sports clubs, school sports programmes and sports coaching environments.		

Contact information for distance education enquiries

Tracey Rabie
Tel +27 (0)12 420 5864
Email tracey.rabie@up.ac.za

Letta Nyoni
Tel + 27 (0)12 420 5608
Email letta.sekae@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Education in Early Childhood Care and Education

The Bachelor of Education in Early Childhood Care and Education (ECCE) prepares students to become ECCE teachers who work with young children from birth to 4 years of age. The programme focuses on the care, development and education of children in the early years. Admission requires an appropriate combination of recognised NSC subjects, along with specific achievement levels in those subjects.

Who is the ideal candidate?

The ideal candidate is someone who is passionate about working with young children and is committed to supporting their development during the early years. This undergraduate programme is suited to individuals who wish to become registered and qualified ECCE professional educators.

Career opportunities

Graduates may work as qualified ECCE professional educators or take on entrepreneurial roles as principals or directors of Early Childhood Development (ECD) centres.

What makes this programme unique?

Early Childhood Development (ECD) is recognised as a key focus area for South Africa's social and economic development. The University of Pretoria is among the first institutions to offer a professional degree specifically for educators working with children from birth to 4 years of age. By introducing the Bachelor of Education in Early Childhood Care and Education, alongside the existing Foundation Phase Teaching programme, the University significantly strengthens its contribution to the ECD sector.

This degree equips students with the required disciplinary knowledge, educational theory and teaching skills. Graduates are prepared to become competent and responsible ECCE educators who are ready to make a meaningful impact in the lives of young children.

Structure of programme

Fundamental modules

- Literacies in education
- Education 1, 2 and 3
- Work Integrated Learning 1, 2 and 3
- Academic information management
- Conversational competence (IsiZulu/ Sepedi/Setswana)

Core modules

- Curriculum and pedagogy in the early years
- Literacy in the early years 1, 2 and 3
- Creativity in the early years 1 and 2
- Health, safety and nutrition
- Belonging, being and becoming
- Exploring Mathematics in the early years 1 and 2
- Research project
- Assessment in the early years
- Constructions of early childhood
- Science and technology in the early years
- Professional practice in the early years 1 and 2
- Inclusive education in the early years
- Partnerships in the family and community
- Management in the early years

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Education in Early Childhood Care and Education [4 years]	4	28

Careers: Teachers and training officials at pre-primary or primary schools

Contact information
Prof Keshni Bipath | **Tel** +27 (0)12 420 3663 | **Email** keshni.bipath@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Education in Foundation Phase Teaching

The Bachelor of Education in Foundation Phase Teaching programme prepares students to teach young children aged five to nine years. Students who complete this programme specialise in Foundation Phase (Grades R to 3). Admission requires an appropriate combination of recognised NSC subjects, along with specific achievement levels in those subjects.

Who is the ideal candidate?

The ideal candidate is compassionate, hardworking and committed to a career in teaching. Candidates who embody these traits are well-prepared to make a positive impact in the classroom and succeed as future educators.

Career opportunities

Graduates can work as teachers and training officials in pre-primary and primary schools.

What makes this programme unique?

The Bachelor of Education in Foundation Phase Teaching degree programme is fully accredited by the Department of Higher Education and Training (DHET). Graduates develop a range of pedagogic skills that enable them to teach different learning areas including Home Language, First Additional Language, Mathematics and Life Skills. They are also trained to adapt the curriculum to meet the diverse needs of learners in schools.

Furthermore, the programme equips students with the unique skills to identify learning difficulties during the early stages of development to provide effective interventions that support learning success.

Structure of programme

Core modules

- Education
- Research project
- Work-integrated learning
- Foundation phase Mathematics
- Literacy practice modules are offered in English, Afrikaans, Sepedi, Setswana and IsiZulu
- Human movement studies
- Methodology of learning support
- Arts and culture (music and art)
- Natural sciences and technology
- Coding and Robotics
- Life skills programme
- Health and safety
- Conversational competence in an African language (for students taking English and Afrikaans as an elective)

Elective modules

One language elective up to second-year level:

- English
- Afrikaans
- isiZulu
- Sepedi
- isiNdebele
- Setswana

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Education in Foundation Phase Teaching [Grade R to Grade 3] [4 years]	4	28

Careers: Teachers and training officials at pre-primary or primary schools

Contact information
Ms. Mannana Tshabalala | **Tel** +27 (0)12 420 5652 | **Email** mannana.tshabalala@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Education in Intermediate Phase Teaching

The Bachelor of Education in Intermediate Phase Teaching programme consists of fundamental, core and elective modules that prepare students to teach effectively in multilingual and multicultural classrooms.

Who is the ideal candidate?

Ideal candidates are passionate about young learners and curious about how children learn and grow. They are dedicated, empathetic and eager to create supportive learning environments. A strong work ethic, commitment to the teaching profession, and enthusiasm for engaging with diverse learners are attributes for success in this programme.

Career opportunities

Graduates can work as teachers and training officials at primary schools.

What makes this programme unique?

The Bachelor of Education in Intermediate Phase Teaching degree qualifies successful candidates to teach a language along with an additional subject or learning area.

Because language is the primary medium of communication and instruction in any classroom, this programme places strong emphasis on language education. The language elective equips future teachers with a critical advantage, which enables them to communicate effectively and deliver quality education in a broad range of classroom settings.

Structure of programme

Core modules

- Education
- Learning support
- Professional studies
- Research methodology
- Work-integrated learning
- Conversational competence in an African language

Elective modules

- One language elective (up to second-year level):
  - Choose from one of the following: an African language, English or Afrikaans
- Mathematics
  - Note: An achievement level of at least 4 in the final NSC/IEB examination is required
- Geography or History
- Art Education
- Natural Sciences
- Design and Technology
- Life Orientation
- Human Movement Studies

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Education in Intermediate Phase Teaching [Grades 4 to 6] [4 years]	4	28

Careers: Teachers and training officials at primary schools

Contact information
Ms. Thandi Mngomezulu | **Tel** +27 (0)12 420 5615 | **Email** thandi.mngomezulu@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Education in Senior Phase and Further Education and Training Teaching

The programme prepares students to teach in the Senior Phase and Further Education and Training (FET) Phase.

In addition to core and fundamental modules, students choose electives from a set list.

- Students take three electives in first year, continue with two in second year, and one in third year.
- Some subjects, like Mathematics and Sciences, follow different rules, which are explained in the Faculty of Education yearbook. www.up.ac.za/yearbooks/home
- Elective combinations must include either:
  - two FET electives and one Senior Phase elective, or
  - one FET elective and two Senior Phase electives.

Who is the ideal candidate?

The ideal candidate is someone who has completed matric with subjects they are passionate about teaching. Candidates should be dedicated, hardworking and genuinely committed to education.

Those who excel in this programme are typically self-motivated, take responsibility for their academic progress, are not afraid to ask for help when needed and are capable of making responsible choices. Above all, they see teaching not just as a career, but as a meaningful calling.

What makes this programme unique?

The programme is accredited by the South African Qualifications Authority (SAQA) and qualifies successful students as both subject and teaching specialists. Through Work-integrated learning (WIL), students gain practical experience in schools, ensuring they are confident and well-prepared to step into the classroom as professional educators from day one.

Career opportunities

Graduates can work as teachers and training officials in primary or secondary schools.

Structure of programme

Core modules

- Education
- Professional studies
- Research methodology
- Work-integrated learning
- Conversational competence in an African language

Elective modules

- One of four African languages/English/Afrikaans
- Mathematics
  - Note: An achievement level of at least 5 in the final NSC/IEB examination is required
- Mathematical Literacy
  - Note: An achievement level of at least 4 in Mathematics in the final NSC/IEB examination is required
- Geography
- History
- Engineering graphics and design
- Art education
- Life orientation and human movement studies
- Physical Sciences
- Life Sciences

For Senior Phase only

- Design and technology
- Natural sciences
  - Note: An achievement level of at least 5 in both Mathematics and Physical Sciences in the final NSC/IEB examination is required
- Senior Phase Mathematics
  - Note: An achievement level of at least 5 in NSC/IEB is required

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Bachelor of Education in Senior Phase and Further Education and Training (FET) Teaching [Grades 7 to 12] [4 years] 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.	4	28

Careers: Teachers and training officials at primary or secondary schools

Contact information
Mr. Thula Miya | **Tel** +27 (0)12 420 5582 | **Email** miya.thula@up.ac.za
Ms. Mamogau Molope | **Tel** +27 (0)12 420 5644 | **Email** mamogau.molope@up.ac.za

UNDERGRADUATE PROGRAMMES

Higher Certificate in Sports Sciences

The Higher Certificate in Sports Sciences aims to develop sports coaches and administrators who can function successfully in interdisciplinary environments. It equips students with the practical skills to offer physical education through sports programmes and apply sound management principles to improve athlete and team performance.

The qualification also provides foundational knowledge, cognitive tools and practical techniques to support further studies in sports sciences and education.

Who is the ideal candidate?

The ideal candidate holds a certificate that the University recognises as equivalent to the National Senior Certificate (NSC), with an APS of 20. This programme suits a candidate who is passionate about sports and physical education, and is particularly ideal for a student athlete or professional sportsperson who wishes to further their studies while continuing to compete in sporting events.

What makes this programme unique?

Many young people have strong sporting talent and the potential to study further, but do not meet the entry requirements for diploma or degree programmes. The Higher Certificate in Sports Sciences offers these individuals an entry point into higher education, opening pathways toward careers in sports coaching, administration or teaching. This is especially important in South Africa, where many schools do not have qualified sports teachers.

Career opportunities

Students who complete this qualification will gain the knowledge and skills needed for physical education, sports coaching and sports management. They will be able to support and grow school, community, and extramural sports, and work as trainers or coaches in both public and private settings.

Structure of programme

Core modules

- Life orientation
- Literacies in education
- Human movement studies and sport management
- Sports practical
- Foundations of recreation and sports management
- Sports injuries
- Fundamental nutrition
- Exercise and training principles
- Coaching professionalism

Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Higher Certificate in Sports Sciences [1 year]	4	20

Selection process:

- Applicants who indicate the Higher Certificate in Sports Sciences as their first or second choice will be considered.
- All applicants will be considered by the Faculty of Education's Student Administration based on the academic admission requirements.
- Applicants who meet the academic requirements will then be further considered for the different sports codes in consultation with TuksSport, according to their sports achievements.
- Preference will be given to applicants who have been nominated by an official sports club of the University of Pretoria.
- Applicants who have a Diploma Studies endorsement for the NSC (or an equivalent qualification) may be considered for admission to the Bachelor of Education in Senior Phase and Further Education and Training (FET) Teaching (programme code 09133031), with a specialisation in Human Movement Studies and Sports Management. To qualify, applicants must first complete the Higher Certificate in Sports Sciences (HCSS) with a cumulative weighted average of at least 70%. This excludes marks obtained for JRC 150 Sports Practical (for the contact programme) and JRC 180 Sports Practical (for the online programme).

Careers: Sports coaching and roles in the sports and exercise industry

Contact information
Letta Nyoni | **Tel** +27 (0)12 420 5608 | **Email** letta.sekae@up.ac.za

UNDERGRADUATE PROGRAMMES

Higher Certificate in Sports Sciences

The fully online Higher Certificate in Sports Sciences aims to develop coaches who can work across different disciplines to help athletes and teams perform at their best using modern techniques. It also gives students a strong foundation for further studies in sports sciences, focusing on key principles, practical skills and how to apply them effectively.

On completion of this qualification, students will have the knowledge, skills and values needed to support physical education and sports coaching, especially for extramural programmes. This will prepare students for employment as trainers and coaches in various sports, working in community clubs and schools in both the private and public sectors.

Benefits of studying online

Studying online offers the flexibility of guided learning from the comfort of your home, with the flexibility of paying in stages as you study. With six start dates available throughout the year, students can begin their studies when it suits them best—all while receiving a high-quality, accredited education from the University of Pretoria.

What makes this programme unique?

The Higher Certificate in Sports Sciences is accessible to anyone with a passion for sports. It offers professional athletes, administrators and school or club coaches the opportunity to gain a formal qualification for their field. It also provides a stepping stone for students who wish to pursue further studies beyond the Higher Certificate.

Overview of the programme

The Higher Certificate in Sports Sciences consists of 11 modules, each running over eight weeks—seven weeks of learning followed by one week of recess. The full programme is designed to be completed over a period of two years.

At the start of this programme, the student will need to pay for two modules, the second being the Sports Practical module that runs concurrently with the first six modules of the programme. From the second module start onwards, a student will only pay for one 8-week module at a time as they progress.

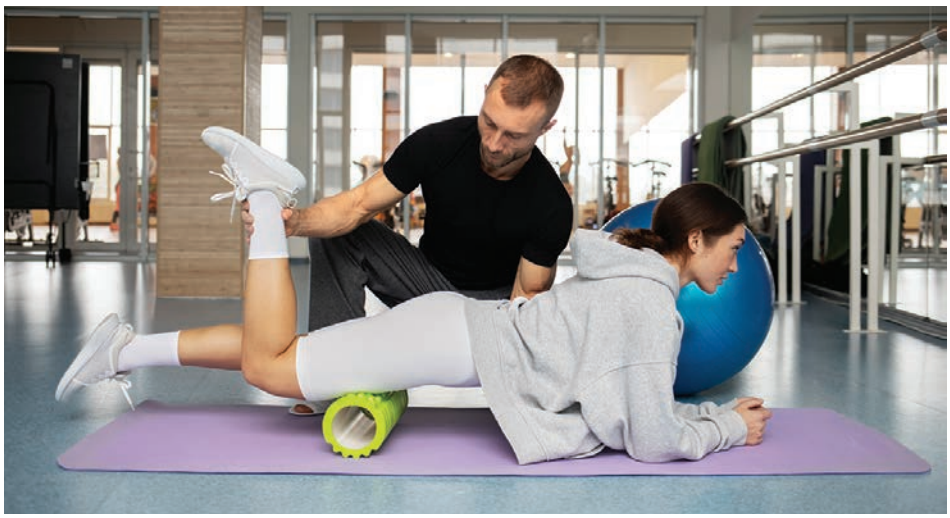
During the course of study, the student will develop the skills and knowledge to:

- Organise and manage school and club sports events
- Apply skills and values related to physical education and sports coaching
- Develop school and club sports programmes
- Gain the knowledge needed to work as a trainer and coach in different types of sports
- Contribute to both private and public sector sports initiatives
- Build strong coaching skills for community, club and school environments

Structure of programme

Core modules

- Sports and physical education management
- Human motor skills development
- Basic human anatomy and physiology
- Foundations of recreation
- Sports injuries
- Fundamental nutrition
- Exercise and training principles
- Coaching professionalism
- Literacies in education
- Personal development and life skills training
- Sports Practical



Application requirements

Programmes	Application requirements for NSC/IEB for 2027	
	Achievement level	
	English Home Language or English First Additional Language	APS
Higher Certificate in Sports Sciences [2 years]	4	20

This is an online programme.
Careers: This programme prepares students for employment as trainers and coaches across various sporting disciplines, in both the private and public sectors. Career opportunities may include roles in community sports clubs, school sports programmes and sports coaching environments.

UNDERGRADUATE PROGRAMMES

Postgraduate Certificate in Education (PGCE)

Postgraduate Certificate in Education in Further Education and Training Teaching

An appropriate bachelor's degree or an accredited diploma is required to apply for this programme. Applicants with 360-credit diplomas have to provide evidence that their diplomas are approved and accredited by the Department of Higher Education and Training (DHET).

The PGCE programme includes both academic coursework and teaching practice. The academic components are delivered through integrated modules where students develop their understanding of educational theory and practice.

The academic components run throughout the year. For the Work-integrated learning (WIL) component, the Faculty places students in partner schools. The first placement is a three-week shadowing period, usually during the first quarter. The second placement is an eight-week teaching period, generally in the third quarter. Whenever possible, students are placed in schools in the Pretoria area. During their WIL placements, students are fully involved in school activities and are supported and assessed by qualified mentor teachers and university lecturers.

The postgraduate Further Education and Training Phase Teaching programme has two options:

- **Option A:** Pass one third-year degree module related to a school subject, plus complete a research project. This is for students who do not qualify for a second teaching specialisation.
- **Option B:** Pass two different third-year degree modules, each related to a relevant school subject (see programme modules for details).

Who is the ideal candidate?

The ideal candidate is someone who holds a National Qualifications Framework (NQF) Level 6 or 7 diploma or degree and is passionate about working in the education sector. This programme is best suited to full-time, dedicated and hardworking students who are able to study independently and have strong research skills.

Career opportunities

Graduates can work as educators, training officers and Technical Vocational and Training (TVET) college lecturers.

What makes this programme unique?

This programme is designed for students who do not hold a Bachelor of Education degree but do have a one-year NQF Level 7 qualification, offering them a pathway into the education sector. It is accredited by the South African Qualifications Authority (SAQA) and meets the policy requirements of the Council on Higher Education (CHE) and the Department of Higher Education and Training (DHET).

Structure of programme

Core modules

- Global and social perspectives in education
- Foundations of education
- Learning theories and assessment in teaching
- Facilitating learning
- Learning support
- Information and communication technology
- Professional ethics and law in teaching
- Professional development
- Work integrated learning
- Conversational competence: One of the following:
  IsiZulu, Sepedi or Setswana

Elective modules

- Accounting
- Afrikaans
- African languages
- Business studies
- Economics
- English
- Geography
- History
- Life sciences
- Mathematics and Mathematical literacy
- Physical sciences
- Tourism
- Visual arts

If the student does not have a second teaching specialisation:

- A research project

The following specialisations will be presented only if the number of students who qualify is sufficient:

- Consumer studies
- Dramatic arts

Contact information
Ms. Mannana Tshabalala
Tel +27 (0)12 420 5652
Email mannana.tshabalala@up.ac.za

Closing date:
31 August 2026 (subject to change)

UNDERGRADUATE PROGRAMMES

Postgraduate Certificate in Education (PGCE)

Postgraduate Certificate in Education in Senior Phase and Further Education and Training Teaching

An appropriate bachelor's degree or an accredited diploma is required to apply for this programme. Applicants with 360-credit diplomas have to provide evidence that their diplomas are approved and accredited by the Department of Higher Education and Training (DHET).

The PGCE programme includes both academic coursework and teaching practice. The academic components are delivered through integrated modules where students develop their understanding of educational theory and practice.

The academic components run throughout the year. For the Work-integrated learning (WIL) component, the Faculty places students in partner schools. The first placement is a three-week shadowing period, usually during the first quarter. The second placement is an eight-week teaching period, generally in the third quarter. Whenever possible, students are placed in schools in the Pretoria area. During their WIL placements, students are fully involved in school activities and are supported and assessed by qualified mentor teachers and university lecturers.

The postgraduate Further Education and Training Phase Teaching programme has two options:

- **Option A:** Pass one third-year degree module related to a school subject, plus complete a research project. This is for students who do not qualify for a second teaching specialisation.
- **Option B:** Pass two different third-year degree modules, each related to a relevant school subject (see programme modules for details).

Who is the ideal candidate?

The ideal candidate is someone who holds a National Qualifications Framework (NQF) Level 6 or 7 diploma or degree and is passionate about working in the education sector. This programme is best suited to full-time, dedicated and hardworking students who are able to study independently and have strong research skills.

Career opportunities

Graduates can work as educators, training officers and Technical Vocational and Training (TVET) college lecturers.

What makes this programme unique?

This programme is designed for students who do not hold a Bachelor of Education degree but do have a one-year NQF Level 7 qualification, offering them a pathway into the education sector. It is accredited by the South African Qualifications Authority (SAQA) and meets the policy requirements of the Council on Higher Education (CHE) and the Department of Higher Education and Training (DHET).

Structure of programme

Core modules

- Global and social perspectives in education
- Foundations of education
- Learning theories and assessment in teaching
- Facilitating learning
- Learning support
- Information and communication technology
- Professional ethics and law in teaching
- Professional development
- Work integrated learning
- Conversational competence: One of the following: IsiZulu, Sepedi or Setswana

One (or more) degree modules passed at the second-year academic level (200) must correspond with one or more relevant subjects at the school level for Senior Phase, and one or more other/different degree modules passed at the third-year academic level (300) must correspond with a relevant school subject in Further Education and Training Phase Teaching (check programme modules).

Elective modules

- Languages
- Mathematics
- Social sciences (both History and Geography)
- Natural sciences (Physics, Chemistry and Biology)

If the student does not have a second teaching specialisation:

- A research project

The following specialisations will be presented only if the number of students who qualify is sufficient:

- Consumer studies
- Dramatic arts

Contact information
Ms. Mannana Tshabalala
Tel +27 (0)12 420 5652
Email mannana.tshabalala@up.ac.za

Closing date:
31 August 2026 (subject to change)

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:

The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

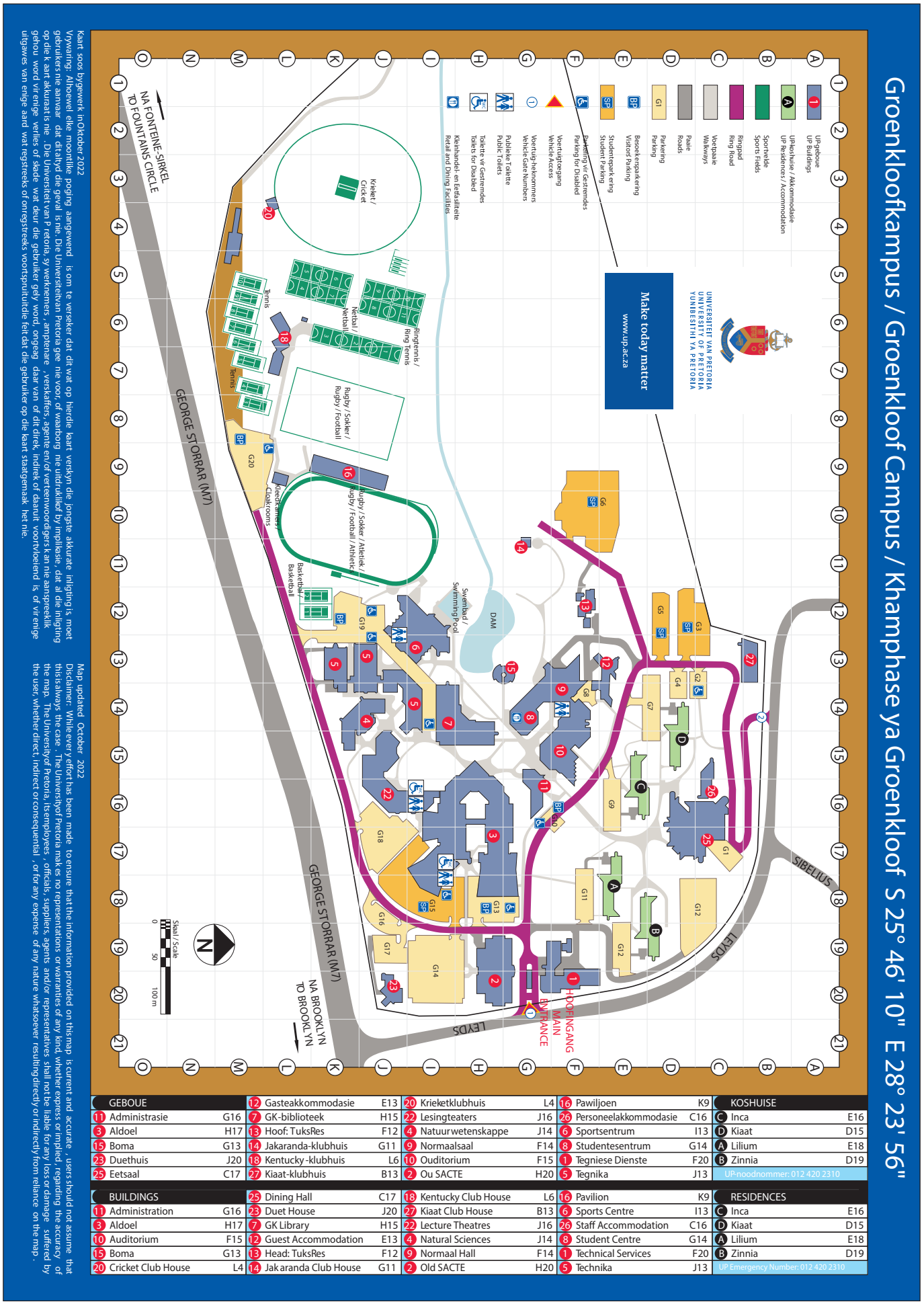
TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

GROENKLOOF CAMPUS MAP



GEBOUE								KOSHUISE	
11 Administrasie	G16	12 Gasteakkommodasie	E13	20 Krieketklubhuis	L4	16 Pawiljoen	K9	C Inca	E16
3 Aldoel	H17	7 GK-bibliotheek	H15	22 Lesingteaters	J16	26 Personeelakkommodasie	C16	D Kiaat	D15
15 Boma	G13	13 Hoof: TuksRes	F12	4 Natuurwetenskappe	J14	6 Sportsentrum	I13	A Lilium	E18
23 Duethuis	J20	14 Jakaranda-klubhuis	G11	9 Normaalsaal	F14	8 Studentesentrum	G14	B Zinnia	D19
25 Eetsaal	C17	18 Kentucky -klubhuis	L6	10 Ouditorium	F15	1 Tegniese Dienste	F20	UP-noodnommer: 012 420 2310	
		27 Kiaat-klubhuis	B13	2 Ou SACTE	H20	5 Tegnika	J13		

BUILDINGS								RESIDENCES	
11 Administration	G16	25 Dining Hall	C17	18 Kentucky Club House	L6	16 Pavilion	K9	C Inca	E16
3 Aldoel	H17	23 Duet House	J20	27 Kiaat Club House	B13	6 Sports Centre	I13	D Kiaat	D15
10 Auditorium	F15	7 GK Library	H15	22 Lecture Theatres	J16	26 Staff Accommodation	C16	A Lilium	E18
15 Boma	G13	12 Guest Accommodation	E13	4 Natural Sciences	J14	8 Student Centre	G14	B Zinnia	D19
20 Cricket Club House	L4	13 Head: TuksRes	F12	9 Normaal Hall	F14	1 Technical Services	F20	UP Emergency Number: 012 420 2310	
		14 Jak aranda Club House	G11	2 Old SACTE	H20	5 Technika	J13		

Kaart soos bygewerk in Oktober 2022

Vrywaring: Alhoewel elke moontlike poging aangewend is om te verseker dat dit wat op hierdie kaart verskyn die jongste akkurate inligting is, moet gebruikers nie aanvaar dat dit altyd die geval is nie. Die Universiteit van Pretoria gee nie voor, of waarborg nie uitdruklikof by implikasie, dat al die inligting op die kaart akkuraat is nie . Die Universiteit van P retoria, sy werknemers , amptenare , verskaffers, agente en/of verteenwoordigers kan nie aanspreeklik gehou word vir enige verlies of skade wat deur die gebruiker gely word, ongeag daar van of dit direk, indirek of daaruit voortvloeiend is, of vir enige uitgawes van enige aard wat regstreeks of onregstreeks voortspruitutdie feit dat die gebruiker op die kaart staatgemaak het nie.

Map updated October 2022

Disclaimer: While every effort has been made to ensure that the information provided on this map is current and accurate , users should not assume that this is always the case . The University of Pretoria makes no representations or warranties of any kind, whether express or implied, regarding the accuracy of the map . The University of Pretoria, its employees , officials, suppliers, agents and/or representatives shall not be liable for any loss or damage suffered by the user, whether direct, indirect or consequential , or for any expense of any nature whatsoever resulting directly or indirectly from reliance on the map .

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UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

jT Junior Tukkie

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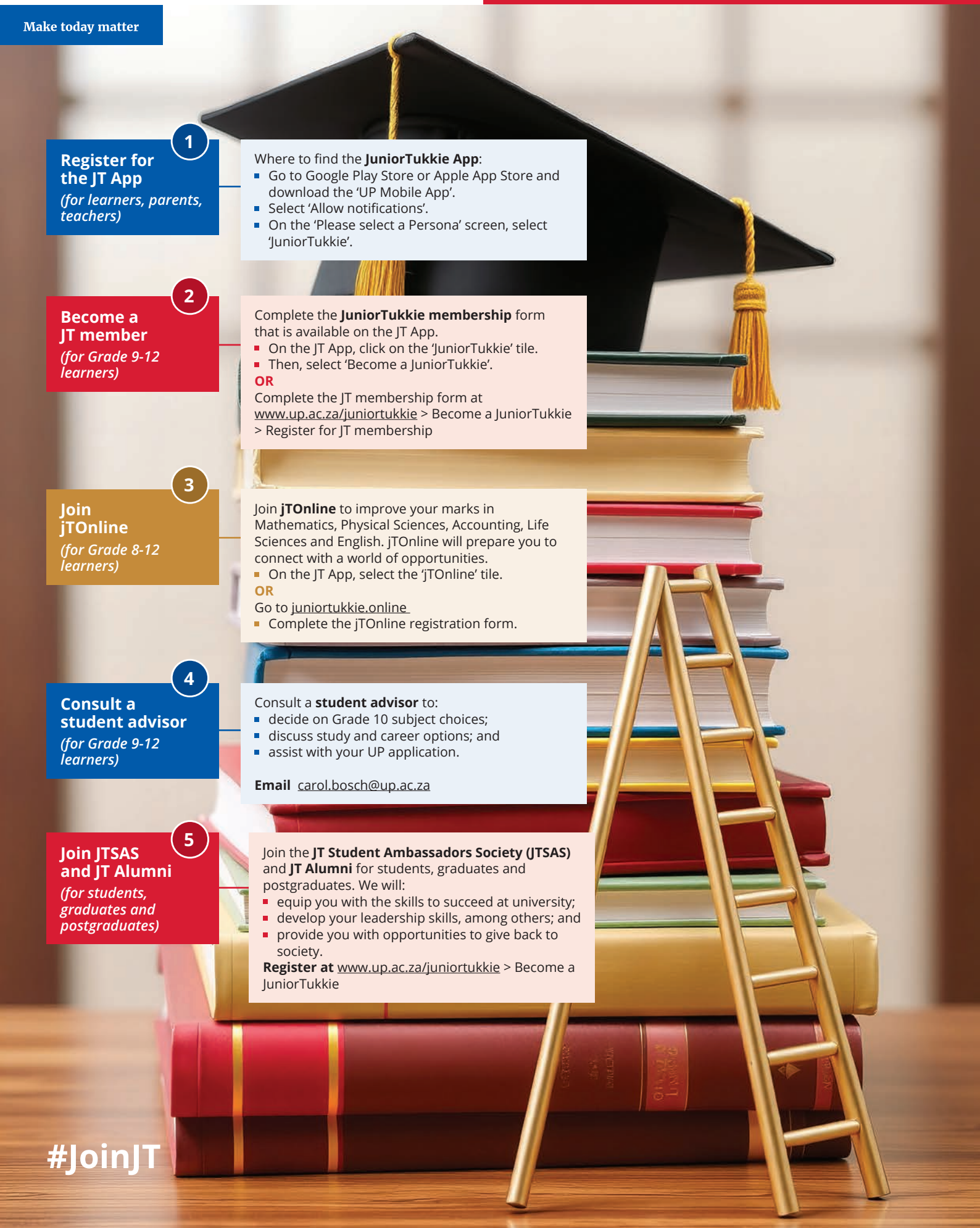

1 Register for the JT App
(for learners, parents, teachers)

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

#JoinJT

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Education

Fakulteit Opvoedkunde
Lefapha la Thuto

University of Pretoria
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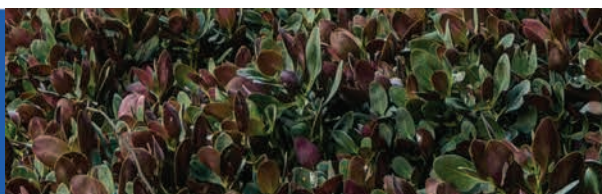

Undergraduate Faculty Brochure

2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Economic and Management Sciences

Fakulteit Ekonomiese en Bestuurswetenskappe
Lefapha la Disaense tša Ekonomi le Taolo

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www.up.ac.za

MESSAGE FROM THE DEAN

Welcome to the University of Pretoria's Faculty of Economic and Management Sciences

Prof Margaret Chitiga-Mabugu,
Dean: Faculty of Economic and Management Sciences, University of Pretoria

Beginning your university journey is an exciting step that shapes your studies, future career and personal development. At the Faculty of Economic and Management Sciences (EMS) at the University of Pretoria (UP), we take pride in providing you a world-class education that opens doors to opportunities in the fields of economics, finance and management.

Established in 1920, EMS is one of the oldest and largest faculties at UP. Over the past century, we have built a proud history of producing exceptional graduates who continue to make their mark locally and internationally. Today, our Faculty comprises the academic departments of Accounting, Auditing, Business Management, Economics, Financial Management, Human Resource Management, Marketing Management, Taxation and the School of Public Management and Administration. With more than 65% of our academics holding PhDs, you will be guided by experts who are committed to your success from your first lecture through to your honours, master's and doctoral studies.

When you #ChooseUP and join our Faculty, you can be assured that we will support and develop you into a globally competitive graduate, fully equipped with the skills needed to thrive in the dynamic world of work. Our commitment to excellence is reflected in the national and international professional endorsements of our programmes, including the prestigious Association to Advance Collegiate Schools of Business (AACSB) International accreditation, making us the very first faculty of its kind in Africa to achieve this honour.

Our subjects consistently feature among the top-ranked in the world, further affirming the quality of your EMS degree.

At EMS, your success matters to us. That is why we combine excellent teaching, modern facilities and innovative hybrid learning methods with strong support systems to help you thrive. Our Academic Success Coaches (ASCs) are here to guide you through your transition into university life, offering practical advice on everything from time management to achieving academic excellence. If you later discover that your interests lie in another field, there is no need to worry, as the first six months of your first year are designed to give you flexibility. With the EMS Transfer Guide, our Student Administrators and ASCs by your side, you will always have the guidance you need to find the degree that is the best fit for you.

As a student in this Faculty, you will benefit from continuous collaborations with leading international institutions. This will provide you with exposure to the latest global trends in business, economics, finance and management education, as well as open up opportunities for exchange programmes. There will also be abundant opportunities to put theory into practice during your studies, ensuring that you will be a well-rounded graduate prepared for the opportunities and challenges of the workplace.

Beyond the classroom, you can enjoy a vibrant student life through the Faculty Student House, Commercii, and participate in discipline-specific student societies. These offer professional networking opportunities and a range of social, cultural and sporting activities that will enrich your university experience.

Our mission is to advance relevant knowledge and develop employable, innovative and diverse graduates to co-create value for society. If you work consistently to meet the admission requirements for your chosen degree, you will unlock opportunities for a bright future.

We look forward to welcoming you to the EMS student community soon!

AACSB ACCREDITED

The Faculty of Economic and Management Sciences is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.
Learn more: aacsb.edu/about.

Prof Margaret Chitiga-Mabugu
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For more information, please visit www.up.ac.za/ems and follow us on Facebook and Instagram. @upems @up_ems

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Comments and queries may be directed to ssc@up.ac.za or tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.

FACULTY WEBSITE:

POSTGRADUATE WEBSITE:

Faculty of Economic and Management Sciences

AT A GLANCE

Comprises **8 academic departments** plus the **School of Public Management and Administration**

The Faculty of Economic and Management Sciences offers:

16 undergraduate programmes

74 postgraduate programmes

#1 in South Africa and ranked **Top 201-250** globally in Accounting and Finance

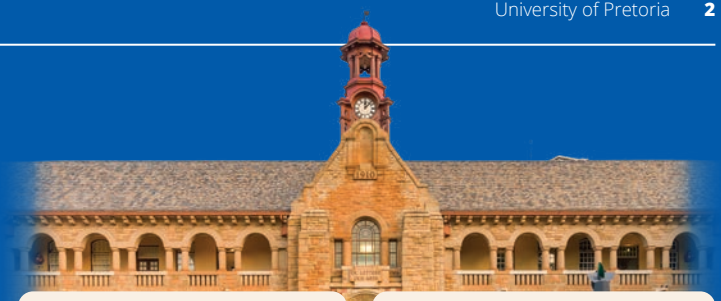
#1 in South Africa and ranked **Top 101-150** globally in Economics

Ranked **Top 201-250** globally in Economics and Econometrics

- Home to **40** NRF-rated researchers
- **64%** of academic staff hold doctoral degrees
- The Department of Auditing is one of only **13** Centres of Excellence recognised by the International Institute of Internal Auditors
- Houses **7** research units, centres and institutes: African Tax Institute, Albert Luthuli Leadership Institute, Centre for the Future of Work, Mamelodi Business Hub, UP Public Policy, Energy Economics Research Unit and the Unit for Forensic Accounting

UP *AT A GLANCE*

UP has achieved top subject rankings in South Africa: for example, in the 2025 Times Higher Education Subject Rankings it is No. 1 in SA in Accounting & Finance; Architecture; Electrical & Electronic Engineering; Law; Sport Science; and Veterinary Science. UP is globally competitive: in the 2025 Quacquarelli Symonds (QS) Subject Rankings, it ranks in the top 50 for several subjects (e.g., Agriculture & Forestry, Biological Sciences, Engineering & Technology).



UP is the only university in South Africa with a **Faculty of Veterinary Science**—and that faculty is ranked best in Africa.

UP secured a **100% pass rate in the SAICA** first professional exam (now called IAC) for the third year in a row.

The University of Pretoria is ranked **number one in South Africa for Law** in the 2025 Times Higher Education Subject Rankings.

Life beyond academics matters at UP: the university highlights its culture of 'more than study'—arts, culture, sports, student societies.

Faculty of Education

82%	academic staff hold doctoral degrees
20	NRF-rated researchers
5	academic departments
Top 351-400	Ranked among Top 351-400 Education faculties globally
Top 5	Ranked among Top 5 Education faculties in South Africa

Faculty of Engineering, Built Environment and Information Technology

72%	of academic staff hold doctoral degrees
100	NRF-rated researchers
12	research centres, units and institutes
6	QS-rated subjects
16	externally funded research chairs

Faculty of Health Sciences

68%	of academic staff hold doctoral degrees
52	NRF-rated researchers
6	research chairs
43	specialised academic departments
Top 312	globally for Life Sciences and Medicine

Faculty of Humanities

71%	of academic staff hold doctoral degrees
67	NRF-rated researchers
25	international partnerships and agreements
23	specialised undergraduate degree programmes
12	academic programmes

Faculty of Law

72%	of academic staff hold doctoral degrees
23	NRF-rated researchers
Largest	Law of Africa collection in the world
10	advanced Human Rights courses
#1	Law faculty in Africa since 2017, and #125 globally

Faculty of Natural and Agricultural Sciences

#1	in Africa for Ecology and Top 75 globally
13	specialised academic departments
92%	of academic staff hold doctoral degrees
216	NRF-rated researchers
9	research centres and institutes

Faculty of Theology and Religion

#1	in SA and #76 globally for Theology, Divinity and Religion
92%	placement rate for graduates
100%	academic staff hold doctoral degrees
23	NRF-rated researchers
11	international partnerships and agreements

Faculty of Veterinary Science

98%	undergraduate pass rate
Top 51-100	in QS world University Subject Rankings for 2025
51%	of academic staff hold doctoral degrees
35	NRF-rated researchers
100%	Responsible for 100% of all South African veterinary science degrees

ADMISSION REGULATIONS

General admission regulations that apply to all prospective students

1. The admission requirements and general information provided in this Faculty brochure are applicable to students who apply for admission to the University of Pretoria with a National Senior Certificate (NSC) or an Independent Examination Board (IEB) qualification.
2. The following persons will be considered for admission to a first bachelor's degree at the University of Pretoria:
   - Candidates who have a certificate that is deemed by the University to be equivalent to the required National Senior Certificate (NSC) with bachelor's degree endorsement;
   - Candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and
   - Candidates who are graduates of another faculty at the University of Pretoria.
3. Grade 11 results are used for the conditional admission of prospective students, but final admission will depend on the NSC (or equivalent) qualification and results.
4. Candidates must also comply with the specific subject and achievement level requirements and the minimum Admission Point Score (APS) for their chosen degree programmes.
5. The APS calculation is done by using the NSC 1 to 7 scale of achievement. It is based on a candidate's achievement in six recognised 20-credit subjects. The highest APS that can be achieved is 42. Life Orientation is a 10-credit subject and is excluded from the calculation when determining the APS. The following subject rating scores are used for calculating the APS for NSC/IEB:

Admission Point Score (APS) Conversion

Rating code	Rating	Marks %
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%

NSC – National Senior Certificate (completed Grade 12 in or after 2008)
IEB – Independent Examination Board

6. 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.
7. Minimum requirements for admission to the relevant programmes are set out in the minimum admission requirements table in this brochure.
8. Meeting the minimum admission requirements does not guarantee admission into a programme.
9. Applicants with qualifications other than NSC and IEB should refer to the following publication:
   - *International Undergraduate Prospectus 2027: Applicants with a school leaving certificate not issued by Umalusi* (South Africa)*, available at www.up.ac.za/programmes > Undergraduate > Admission information.
10. **School of Tomorrow** (SOT), **Accelerated Christian Education** (ACE) and **General Education Development** (GED): These qualifications are not accepted at the University of Pretoria.
11. **National Certificate (Vocational)** (NCV) Level 4: The University of Pretoria may consider NCV candidates, provided they meet the exemption for bachelor's status criteria and the programme requirements.

* **Umalusi** accredits South African private providers of education and training as well as private assessment bodies to offer tuition and/or assessment for qualification(s) on the General and Further Education and Training Qualifications Sub-Framework (GFETQSF). Contact Umalusi at info@umalusi.org.za or +27 (0)12 349 1510.

Note: Refer to the General Academic Regulations and Student Rules at www.up.ac.za/yearbooks/home, click on 'General Rules and Regulations'.

APPLICATION AND CLOSING DATES:
- Applications open on 1 April. All study programmes at the University of Pretoria are number-limited. You are encouraged to submit your application as soon as possible after 1 April.
- The closing date for applications for all UP study programmes is 30 June. This excludes the programmes in the Faculty of Veterinary Science which close on 31 May.

APPLICATION STATUS:
- Apply with your final Grade 11 (or equivalent) results.
- Applicants can expect feedback by September at the latest.
- Please check your application status and communication regularly on the UP Student Portal at www1.up.ac.za.
- Final admission will be based on the applicant's final school-year NSC or equivalent results.

ACCREDITATION BODIES

Professional endorsements for Economic and Management Sciences qualifications

Endorsed by		Degree
ABET Computing Accreditation Commission	Accreditation Board for Engineering and Technology (ABET) Computing Accreditation Commission	▪ Bachelor of Commerce specialising in Information Systems
ACCA	Association of Chartered Certified Accountants (ACCA)	▪ Bachelor of Commerce in Accounting Sciences ▪ Bachelor of Commerce specialising in Financial Management Sciences
CFA Institute	CFA® Institute University Affiliation Program	▪ Bachelor of Commerce specialising in Investment Management
CIMA	Chartered Institute of Management Accountants (CIMA)	▪ Bachelor of Commerce specialising in Financial Management Sciences ▪ Bachelor of Commerce Honours specialising in Financial Management Sciences
ELA European Logistics Association	European Logistics Association (ELA)	▪ Bachelor of Commerce specialising in Supply Chain Management
HPCSA Health Professions Council of South Africa	Health Professions Council of South Africa (HPCSA)	▪ Master of Commerce in Industrial Psychology
SABPP SA BOARD FOR PEOPLE PRACTICES	South African Board for People Practices (SABPP)	▪ Bachelor of Commerce specialising in Human Resource Management ▪ Bachelor of Commerce Honours specialising in Human Resource Management and Labour Relations ▪ Master of Commerce specialising in Human Resource Management ▪ Master of Philosophy specialising in Human Resource Management ▪ Master of Philosophy specialising in Labour Relations Management
SAICA	South African Institute of Chartered Accountants (SAICA) Chartered Accountant [CA(SA)] designation	▪ Bachelor of Commerce in Accounting Sciences ▪ Postgraduate Diploma in Accounting Sciences
AGA(SA)	SAICA Associate General Accountant [AGA(SA)] designation	▪ Bachelor of Commerce in Accounting Sciences ▪ Bachelor of Commerce specialising in Financial Management Sciences
SAIGA	Southern African Institute of Government Auditors (SAIGA)	▪ Bachelor of Commerce specialising in Financial Management Sciences
sait South African Institute of Tax Professionals	South African Institute of Taxation (SAIT)	▪ Bachelor of Commerce Honours specialising in Taxation
The Institute of Internal Auditors	The Institute of Internal Auditors (IIA)	▪ Bachelor of Commerce specialising in Financial Management Sciences ▪ Bachelor of Commerce Honours specialising in Internal Auditing

Contact information

For student administration enquiries, please contact the Student Administrator assigned to the degree you are registered for by visiting: www.up.ac.za/ems-student-admin

University of Pretoria website www.up.ac.za/ems

Postgraduate programmes

The Faculty of Economic and Management Sciences offers postgraduate opportunities in numerous areas of specialisation. For more information, refer to the online Yearbook at www.up.ac.za/yearbooks/home, or visit www.up.ac.za/bcom.

Application requirements

- The closing date for applications for programmes in this faculty is 30 June.
- Meeting the minimum admission requirements does not guarantee admission into a programme.

UNDERGRADUATE PROGRAMMES

University of Pretoria programme qualification verification

The higher education sector has undergone an extensive alignment to the Higher Education Qualification Sub-Framework (HEQSF) across all institutions in South Africa. In order to comply with the HEQSF, all institutions are legally required to participate in a national initiative led by regulatory bodies such as the Department of Higher Education and Training (DHET), the Council on Higher Education (CHE), and the South African Qualifications Authority (SAQA). The University of Pretoria is presently engaged in an ongoing effort to align its qualifications and programmes with the HEQSF criteria. Current and prospective students should take note that changes to UP qualification and programme names may occur as a result of the HEQSF initiative. Students are advised to contact their faculties if they have any questions.

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Administration specialising in Public Administration and International Relations [3 years]	5	Mathematics 3 or Mathematical Literacy 4	**28**
Careers: Diplomats, political analysts, managers in the public sector, local government and the private sector, non-governmental organisations, international organisations and embassies. Graduates are often employed in human resources sections and planning and general administrative divisions.			
Bachelor of Commerce in Accounting Sciences [3 years]	5	6	**34**
Careers: First step towards qualifying as chartered accountants, external auditors, government auditors, taxation professionals and advisors and financial directors or managers.			
Bachelor of Commerce specialising in Investment Management [3 years]	5	6	**34**
Careers: Portfolio/fund managers, investment analysts, risk managers/analysts, quantitative analysts, financial advisors/planners, wealth managers and investment strategists.			
Bachelor of Commerce specialising in Financial Management Sciences [3 years]	5	5	**32**
Careers with a focus on: ▪ **Business accounting:** Financial reporting specialists ▪ **Financial management:** Management accountants, management consultants, financial advisors, cost accountants and financial managers ▪ **Taxation:** Tax advisors, tax auditors in public practice, tax policy designers, tax professionals, tax compliance managers, SARS auditors and tax risk managers ▪ **Internal auditing:** Internal auditors, performance auditors, government auditors, governance auditors, forensic auditors, IT auditors, environmental auditors, risk and compliance officers			
Bachelor of Commerce specialising in Econometrics [3 years]	5	6	**32**
Careers: Econometricians are employed by the government, the central bank, private and commercial banks, leading stockbrokers and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders or brokers and academics. The work mostly entails statistical analysis (forecasting, structural and policy analysis) of economic and financial markets and interrelationships.			
Bachelor of Commerce specialising in Economics [3 years]	5	5	**32**
Careers: Economists may specialise in banking, public finance, international trade and investment or economic development. They are employed by the government, the central bank, private and commercial banks, stock brokerage firms and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders and academics.			
Bachelor of Commerce specialising in Law [3 years]	5	5	**32**
Careers: First step towards becoming attorneys, legal advisors, advocates, prosecutors, presiding officers (magistrates or judges) and academics in the legal field.			
Bachelor of Commerce specialising in Statistics and Data Science [3 years]	5	5	**32**
Careers: Data scientists, statistical analysts in several industries, researchers, consultants and lecturers.			
Bachelor of Commerce specialising in Information Systems [3 years]	5	5	**30**
Careers: Managers in the information technology environment, computer software or hardware support services, computer systems analysts, financial information systems analysts, business analysts, information facilitators, IT training officers, systems developers and business systems analysts.			
Bachelor of Commerce specialising in Agribusiness Management [3 years]	5	5	**30**
Careers: Opportunities exist in banking, finance and insurance; policy design and implementation; research and consultation; food processing and manufacturing; commodity trading on global and local stock markets; logistics and supply chain operations; and business management in agricultural companies.			
Bachelor of Commerce specialising in Business Management [3 years]	5	4	**30**
Careers: Opportunities exist in the areas of administration, finance, marketing and human resources management, including employment as teachers, lecturers, general managers and management consultants.			

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

UNDERGRADUATE PROGRAMMES

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Supply Chain Management [3 years]	5	4	**30**
Careers: The purpose of this programme is to equip students with the ability to participate in functional management within an integrated supply chain. This includes supply management, production and operations management, warehousing, transport management and supply chain strategy.			
Bachelor of Commerce specialising in Marketing Management [3 years]	5	4	**30**
Careers: Product management, customer service management, customer relationship management, strategic marketing, sales management, brand management, advertising management, media planning, marketing research management and promotions management			
Bachelor of Commerce specialising in Human Resource Management [3 years]	5	4	**30**
Careers: Human resources practitioners, human resources consultants, mediators, labour relations specialists, human resources managers, personnel managers, training officers, liaison officers, psychometrists and industrial psychologists. In their capacity as human resources practitioners, graduates will be responsible for matters such as developing human resource strategies and policies, human resource planning, recruitment and selection of employees, training and development of staff, labour relations and personnel administration.			
Bachelor of Commerce [3 years]	5	4	**30**
Careers: Although the degree does not lead to a specific vocational outcome, it allows students flexibility to shape their own career paths by designing a curriculum tailored to future opportunities across various sectors.			
Bachelor of Commerce [4 years]	4	3	**26**
This is a selection programme. Additional selection criteria apply and will be communicated by the Faculty to applicants. **Careers:** Although the degree does not lead to a specific vocational outcome, it allows students flexibility to shape their own career paths by designing a curriculum tailored to future opportunities across various sectors.			

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

An exciting student life awaits

Commercii, the student house of the Faculty of Economic and Management Sciences, supports Bachelor of Commerce and Bachelor of Administration students and helps first-year students settle in and adjust. Commercii works closely with the various discipline-specific sub-houses to create valuable experiences that equip students with skills to become leaders, both on campus and in the workplace.

Commercii
Economic and Management Sciences Faculty House
Ekonomiese en Bestuurswetenskappe Fakultеitshuis

As an EMS student, you will have many opportunities to develop your leadership and academic skills, take part in community outreach projects, and enjoy social interactions that make student life both rewarding and memorable.

Sub-houses and eligible members

EMS students are encouraged to enhance their personal and academic development by taking part in the activities of their discipline-specific student society.

BAdmin@Tuks: Public Management and International Relations students	**FIN'EST:** Financial Management Sciences, Information Systems and Investment Management students	**House CA:** Accounting Sciences students	**House IA:** Internal Auditing students	**HR Tuks:** Human Resource Management students	**MC Experience:** Business Management, Marketing Management and Supply Chain Management students	**Tax@Tuks:** Taxation students	**Y.E.S@Tuks:** Agribusiness Management, Econometrics, Economics, and Statistics and Data Science students

Law students form part of the student society in the Faculty of Law

UNDERGRADUATE PROGRAMMES

Bachelor of Administration specialising in Public Administration and International Relations

What does the programme entail?

The Bachelor of Administration specialising in Public Management and International Relations is designed to prepare students for a career in the public sector.

The degree provides in-depth knowledge of administrative and management practices in both the South African and international public sectors. It focuses on the three spheres of government: local, provincial and national.

Key areas of study include:
- Public financial management
- Human resource management
- International administration and management
- Policy and organisation studies
- Ethics
- Project management
- Intergovernmental relations
- Administrative justice

Structure of the programme

Core modules (compulsory)
All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.

1st year	2nd year	Final year
▪ Public administration ▪ Politics ▪ Economics ▪ Public resource management	▪ Public administration ▪ Political science **or** International relations ▪ Communication management	▪ Public administration ▪ Political science **or** International relations

Elective modules
Certain modules, such as Economics and Statistics, may have prerequisites. For full details, please consult the online Yearbook at www.up.ac.za/yearbooks/home.

1st year	2nd year	Final year
▪ Industrial and organisational psychology **or** Economics ▪ Statistics ▪ French ▪ German ▪ Informatics ▪ Anthropology ▪ Criminology ▪ Sociology	▪ Industrial and organisational psychology ▪ Economics ▪ Public law ▪ Public management ▪ Anthropology ▪ Criminology ▪ Sociology	▪ Industrial and organisational psychology ▪ Economics ▪ Anthropology ▪ Criminology ▪ Sociology

Which companies employ our graduates?

Graduates may find opportunities in:
- Government departments
- Embassies, consulates and high commissions
- Parastatals (state-owned enterprises that provide public services or goods)
- Non-governmental organisations (NGOs)
- Private companies that work closely with government contracts

Who is the ideal candidate?

The ideal candidate:
- Has the desire, commitment and dedication to serve their community, city and/or country
- Believes in, and wants to be part of, the moral and legal responsibility of the state to create a better life for all

What makes this programme unique?

The Bachelor of Administration degree is the only programme in the Faculty of EMS that combines public sector management with specialisations such as politics and international relations.

The programme exposes students to the management environment in both the public and private sectors. It enhances students' understanding of what it means to be good and responsible citizens.

UNDERGRADUATE PROGRAMMES

Bachelor of Administration specialising in Public Administration and International Relations *(continued)*

'Growing up, I was always aware of how government decisions affect everyday life, but it wasn't until I started paying closer attention to issues like poverty, inequality, poor service delivery and political instability that I realised I wanted to be part of the solution. Thus, when I was exploring university options, I knew I didn't just want a degree, I wanted a foundation for meaningful impact. That's why I chose to study Public Administration and International Relations at the University of Pretoria.

Since joining the programme, I've enjoyed how it constantly challenges me to think critically and connect theory to what's happening in the real world. Whether we're discussing governance frameworks, accountability, or South Africa's role in international diplomacy, I find myself asking, 'How can this be done better?' Thus, for me, this degree isn't just an academic pursuit but a preparation for a future where I can contribute to a more transparent, inclusive and responsive government. I'm passionate about transforming policy into action, and I believe that with the right skills and values, I can help shape a public sector that truly serves its people.'

Reamogetse Motlonye – Bachelor of Administration specialising in Public Administration and International Relations

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Administration specialising in Public Administration and International Relations [3 years]	5	Mathematics 3 or Mathematical Literacy 4	**28**

Careers: Diplomats, political analysts, managers in the public sector, local government and the private sector, non-governmental organisations, international organisations and embassies. Graduates are often employed in human resources sections and planning and general administrative divisions.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Tel** +27 (0)12 420 3111 | **Email** ssc@up.ac.za | **Website** www.up.ac.za/BAdmin

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce in Accounting Sciences

What does the programme entail?

The Bachelor of Commerce in Accounting Sciences is a three-year degree. It is followed by a one-year Postgraduate Diploma in Accounting Sciences (PGDAS). This postgraduate diploma is required to meet the education requirements for the Chartered Accountant qualification, CA(SA).

After completing both programmes, graduates gain access to the Initial Assessment of Competence (IAC). The IAC is the first of two professional exams set by the South African Institute of Chartered Accountants (SAICA).

After the first IAC exam, graduates must complete a three-year traineeship. During this time, they must also pass the remaining professional qualifying exams to register as a Chartered Accountant [CA(SA)].

Structure of the programme

Core modules (compulsory)

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Professional ethics.

1st year	2nd year	Final year
▪ Business acumen ▪ Financial decision-making ▪ Financial reporting ▪ Economics ▪ Informatics ▪ Informatics (accounting software) ▪ Business management ▪ Statistics	▪ Business acumen ▪ Financial decision-making ▪ Financial reporting ▪ Governance and assurance (auditing) ▪ Human resource management ▪ Informatics ▪ Commercial law ▪ Taxation ▪ Applications in data science	▪ Business acumen ▪ Financial decision-making ▪ Financial reporting ▪ Governance and assurance (auditing) ▪ Informatics ▪ Design thinking and business innovation ▪ Taxation

Note: The specialisation modules for the first to the final year of study for a Bachelor of Commerce in Accounting Sciences degree may be taken only by students who have been selected for this degree.

Who is the ideal candidate?

The ideal candidate is:

- Ethical
- A critical thinker
- Detail-oriented
- Interested in business
- Self-motivated

What makes this programme unique?

The Bachelor of Commerce in Accounting Sciences and the Postgraduate Diploma in Accounting Sciences are endorsed by SAICA.

Together, they form part of the requirements for training as a Chartered Accountant [CA(SA)]—the highest professional designation in accounting in South Africa, with international recognition. This programme also provides access to the SAICA Associate General Accountant [AGA(SA)] designation.

The undergraduate degree is also endorsed by the Association of Chartered Certified Accountants (ACCA).

Over and above the prestigious CA(SA) qualification, the three-year Bachelor of Commerce in Accounting Sciences degree also provides access to the following Bachelor of Commerce Honours degrees (subject to selection):

- Bachelor of Commerce Honours specialising in Financial Management Sciences
- Bachelor of Commerce Honours specialising in Internal Auditing
- Bachelor of Commerce Honours specialising in Taxation

Career opportunities

Qualified CAs(SA) are able to fulfil business and finance roles in a variety of industries. They tend to specialise in financial reporting, auditing and assurance, tax, financial management, information technology, management accounting, forensic accounting and insolvency. Employment opportunities also exist in academia, the public or private sector and non-governmental organisations.

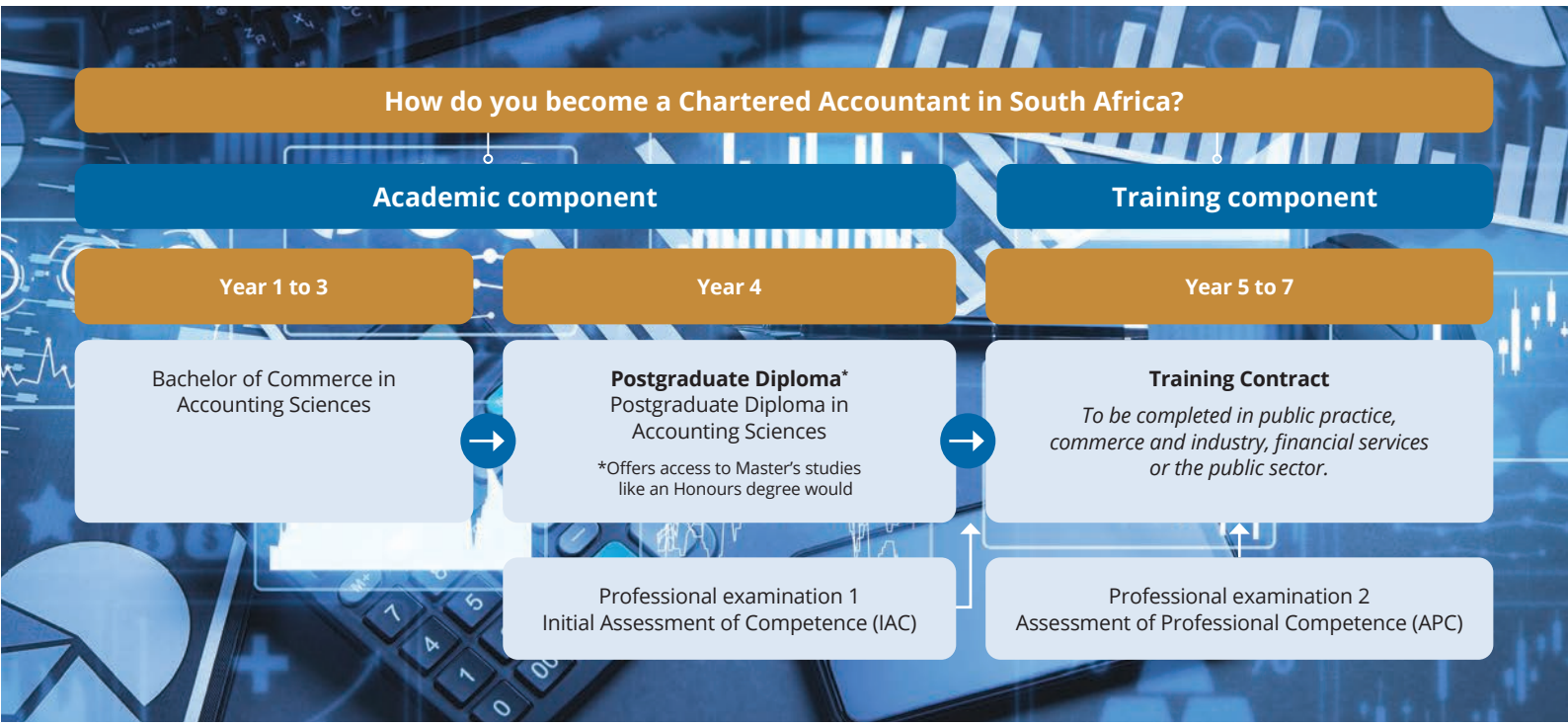
Those who have a CA(SA) qualification also succeed in CEO, CFO, vice-president, chairperson and finance manager roles, or can become entrepreneurs.

University of Pretoria students consistently achieve excellent pass rates in the first national Chartered Accountants' examination.

UP's average first-time January IAC pass rate over the past 20 years is 95%

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce in Accounting Sciences *(continued)*



The University of Pretoria's Bachelor of Commerce in Accounting Sciences degree offers a powerful foundation for aspiring Chartered Accountants (CA(SA)) through a professionally accredited programme that combines academic rigour with real-world relevance.

What sets this qualification apart is the intentional integration of critical thinking, ensuring graduates are not just technically competent but capable of sound professional judgement. Lecturers go to great lengths to contextualise learning by involving industry leaders, top audit firms and public sector entities.

A highlight was the on-campus visit by Sean Summers, CEO of Pick n Pay, who engaged directly with students—an example of the exceptional opportunities they have to interact with decision-makers shaping the business landscape. These engagements, along with case-based learning and simulations, bring accounting to life in ways that mirror professional practice. At UP, students don't just study accounting—they experience it as future-ready professionals.

Application requirements

Programme	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce in Accounting Sciences [3 years]	5	6	**34**

Careers: First step towards qualifying as chartered accountants, external auditors, taxation professionals and advisors, financial directors, managers or entrepreneurs.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Email** pgd-acc-ems@up.ac.za | **UP website** www.up.ac.za/ca-more-info | **SAICA website** www.saica.co.za

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Agribusiness Management

What does the programme entail?

The Bachelor of Commerce specialising in Agribusiness Management gives students an overview of the global agricultural and food sector. It explores how business and science issues shape agriculture and develops problem solvers who can help address global food security.

Structure of the programme

Core modules (compulsory)

Note:

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year	Final year
▪ Economics ▪ Statistics ▪ Business management ▪ Financial accounting ▪ Marketing management ▪ Informatics (accounting software) ▪ Communication management	▪ Economics ▪ Financial management ▪ Agricultural economics ▪ Business law	▪ Economics ▪ Agricultural economics

Who is the ideal candidate?

The ideal candidate:

- Has a strong business sense
- Enjoys science and the outdoors

What makes this programme unique?

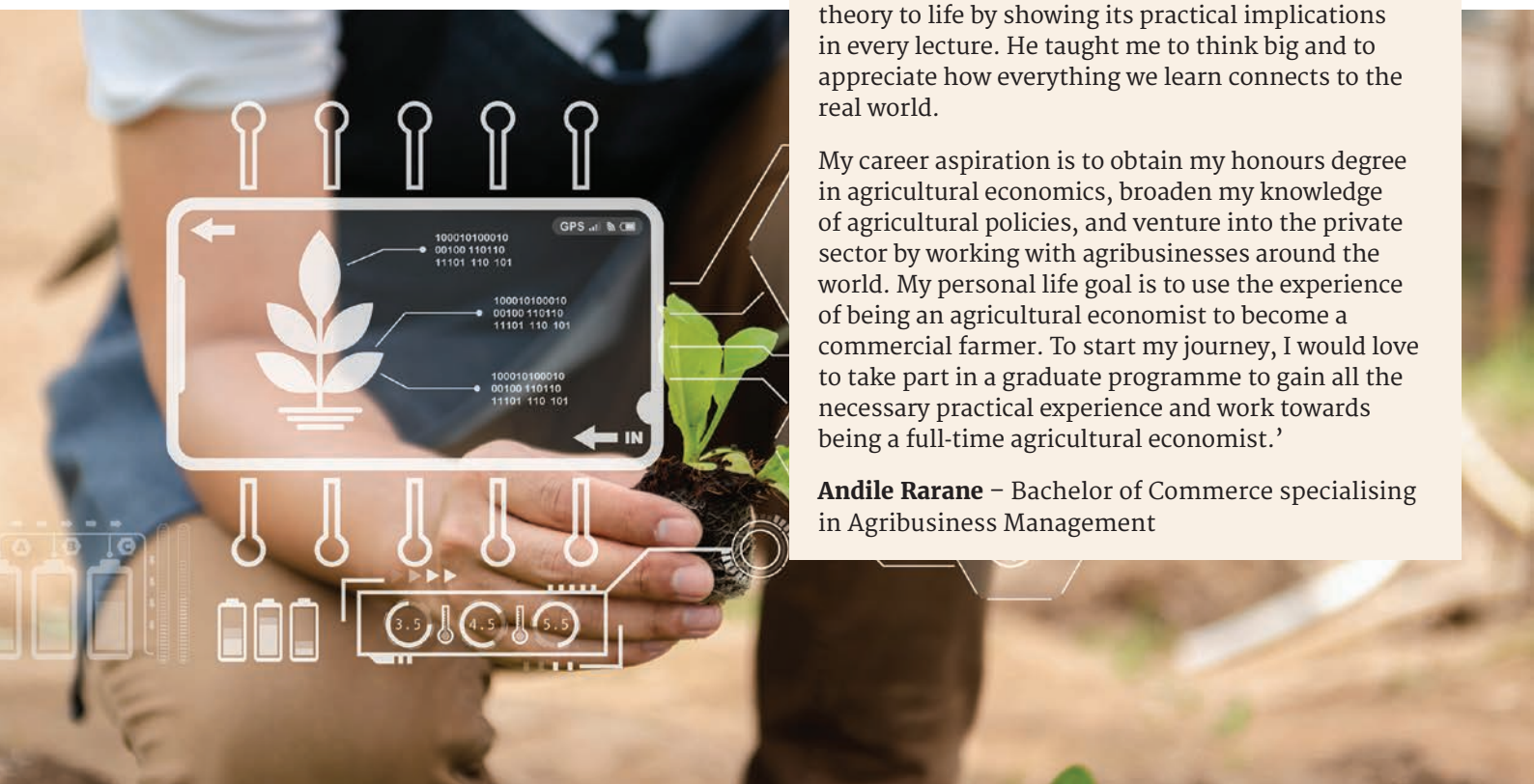
- The programme caters for students with diverse interests and proficiencies, ranging from business to science.
- It is presented in collaboration with the UP Faculty of Natural and Agricultural Sciences.

‘I have always wanted a chance to enter a field that is out of the ordinary, which is how I came across agribusiness management. The agricultural sphere is diverse and greatly interested me because the land and country we live in present many opportunities.

Throughout my three years at UP, I have realised how much agricultural studies impact our daily lives. A major highlight was meeting my second-year agricultural economics lecturer. He brought the theory to life by showing its practical implications in every lecture. He taught me to think big and to appreciate how everything we learn connects to the real world.

My career aspiration is to obtain my honours degree in agricultural economics, broaden my knowledge of agricultural policies, and venture into the private sector by working with agribusinesses around the world. My personal life goal is to use the experience of being an agricultural economist to become a commercial farmer. To start my journey, I would love to take part in a graduate programme to gain all the necessary practical experience and work towards being a full-time agricultural economist.’

Andile Rarane – Bachelor of Commerce specialising in Agribusiness Management



UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Agribusiness Management *(continued)*

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Agribusiness Management [3 years]	5	5	**30**

Careers: The degree offers diverse career choices. Opportunities exist in banking, finance and insurance; policy design and implementation; research and consultation; food processing and manufacturing; commodity trading on global and local stock markets; logistics and supply chain operations; and business management in agricultural companies, to name but a few.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Tel** +27 (0)12 420 3251 | **Website** www.up.ac.za/agricultural-economics-extension-and-rural-development

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Business Management

What does the programme entail?

The Bachelor of Commerce specialising in Business Management programme provides students with a 'big picture' understanding of how all parts of an organisation interconnect, while simultaneously equipping them with critical thinking, problem-solving and decision-making skills grounded in both South African and international best practices.

Students are enriched by visits from industry experts and practical simulations. The programme bridges theory and practice, ensuring that graduates are workplace-ready and empowered to innovatively establish and manage their own enterprises.

Structure of the programme

Core modules (compulsory)

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year	Final year
▪ Business management ▪ Marketing management ▪ Financial accounting ▪ Statistics ▪ Economics ▪ Informatics (accounting software) ▪ Communication management	▪ Logistics Management ▪ Project Management ▪ Marketing management ▪ Financial management ▪ Business law ▪ Design thinking and business innovation ▪ Business creation ▪ Responsible management	▪ Strategic management ▪ Marketing management ▪ International business management ▪ Business analytics ▪ Responsible leadership ▪ Human resource management

Who is the ideal candidate?

The ideal candidate is:

- Able to see the big picture
- A creative thinker
- An analytical thinker
- Highly motivated
- Skilled at integrating ideas and concepts
- A systematic organiser and planner

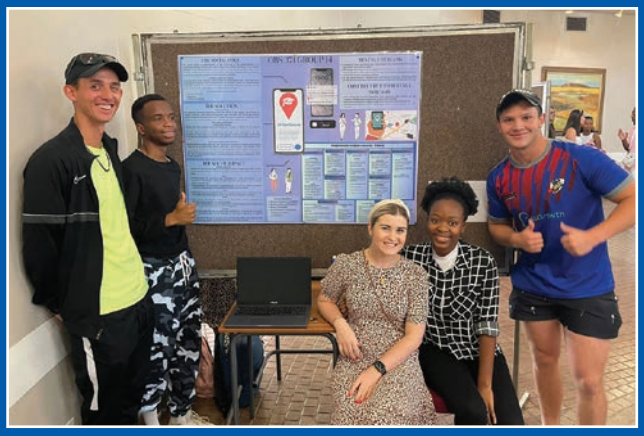
What makes this programme unique?

Students develop a passion for business through exposure to South African and international best practices. They learn how to solve real-life business problems and use management processes to make decisions that benefit an organisation.

The programme also emphasises the importance of being innovative and adaptable in a dynamic business environment.

Which companies employ our graduates?

A wide variety of opportunities exist in the areas of administration, finance, marketing and human resources management, including employment as teachers, lecturers, general managers and management consultants.



In the Responsible leadership module, final-year students developed social innovation projects in collaboration with the Eersterust Community Development Forum (ECDF). Throughout the semester, the students worked with community representatives to identify pressing social challenges in the Eersterust community and designed possible social enterprise solutions.

These were exhibited at a poster showcase event, offering the students an opportunity to share the creative, responsible and contextually grounded ideas they had developed as part of their learning journey.

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Business Management *(continued)*

Skills you will develop

Employability: Managerial thinking

- Business analytics
- Business negotiations
- Logistics management
- Responsible leadership
- Project management

Self-employability : Entrepreneurial thinking

- Business creation
- Design and innovation
- Human resource management
- International management
- Responsible management (ethics)
- Strategy (formulation and implementation)

Career opportunities

Administration
- General/Project Manager – Oversees teams and projects to ensure goals are met
- Manager, Business Solutions – Improves company processes and operations
- Chief Executive Officer (CEO) – Leads the company and makes high-level strategic decisions

Finance
- Business Analyst – Analyses data to guide business decisions
- Business Consultant – Advises organisations on improving efficiency and strategy

Marketing
- Strategist – Plans marketing campaigns and strategies
- Innovation Manager – Develops new products, services or business ideas
- Entrepreneur – Starts and runs their own business

Human Resources
- HR Manager – Manages recruitment, training and employee wellbeing

Logistics / Operations
- Logistics Manager – Oversees supply chains, deliveries and inventory

Education
- Teacher / Lecturer – Educates future business professionals

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Business Management [3 years]	5	4	**30**

Careers: A wide variety of opportunities exist in the areas of administration, finance, marketing and human resources management, including employment as teachers, lecturers, general managers and management consultants.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Website www.up.ac.za/business-management

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Econometrics and Bachelor of Commerce specialising in Economics

What does the programme entail?

A career in economics entails uncovering and forecasting economic trends and the effects of policy changes on our society and the global economy. This is supported by econometrics, which is the collection, measurement and analysis of economic and social phenomena.

Who is the ideal candidate?

The ideal candidate should be:
- Logical and analytical
- Curious and creative
- Motivated and open-minded

Career opportunities

Economists can specialise in areas such as:
- banking;
- public finance;
- international trade and investment; and
- economic development.

Econometricians can specialise in areas such as:
- statistical analysis of economic and financial markets, including:
  - forecasting;
  - structural analysis; and
  - policy analysis.

Both economists and econometricians can take on roles as:
- analysts;
- consultants;
- researchers;
- academics; and
- traders.

Students in the Department of Economics enjoy a global learning experience that extends beyond the classroom. Through international partnerships, they gain exposure to diverse perspectives and real-world problem-solving.

A highlight is the Introduction to Economic Growth module, where third-year students join a Global Virtual Exchange with Georgia State University in the United States.

Working in small international teams, students critically assess sustainable development in Africa while developing key skills in teamwork, cross-cultural communication and critical thinking. These experiences equip graduates with a broad worldview and a competitive edge in tackling both local and global economic challenges.

Structure of the programme

Bachelor of Commerce specialising in Econometrics

All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.

Core modules (compulsory)

1st year	2nd year	Final year
▪ Economics ▪ Mathematical statistics ▪ Mathematics ▪ Financial accounting ▪ Business management ▪ Informatics (accounting software)	▪ Economics ▪ Mathematical statistics ▪ Mathematics ▪ Informatics ▪ Communication management	▪ Economics ▪ Mathematical statistics

Bachelor of Commerce specialising in Economics

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

Core modules (compulsory)

1st year	2nd year	Final year
▪ Economics ▪ Statistics ▪ Business management ▪ Financial accounting ▪ Mathematics ▪ Informatics (accounting software)	▪ Economics ▪ Statistics ▪ Business law ▪ Communication management	▪ Economics ▪ Statistics

Which companies employ our graduates?

Economists and econometricians may work in:
- Government departments
- The South African Reserve Bank
- The National Treasury
- Private and commercial banks
- Stock brokerage firms
- Consultancies

Opportunities exist both locally and internationally.

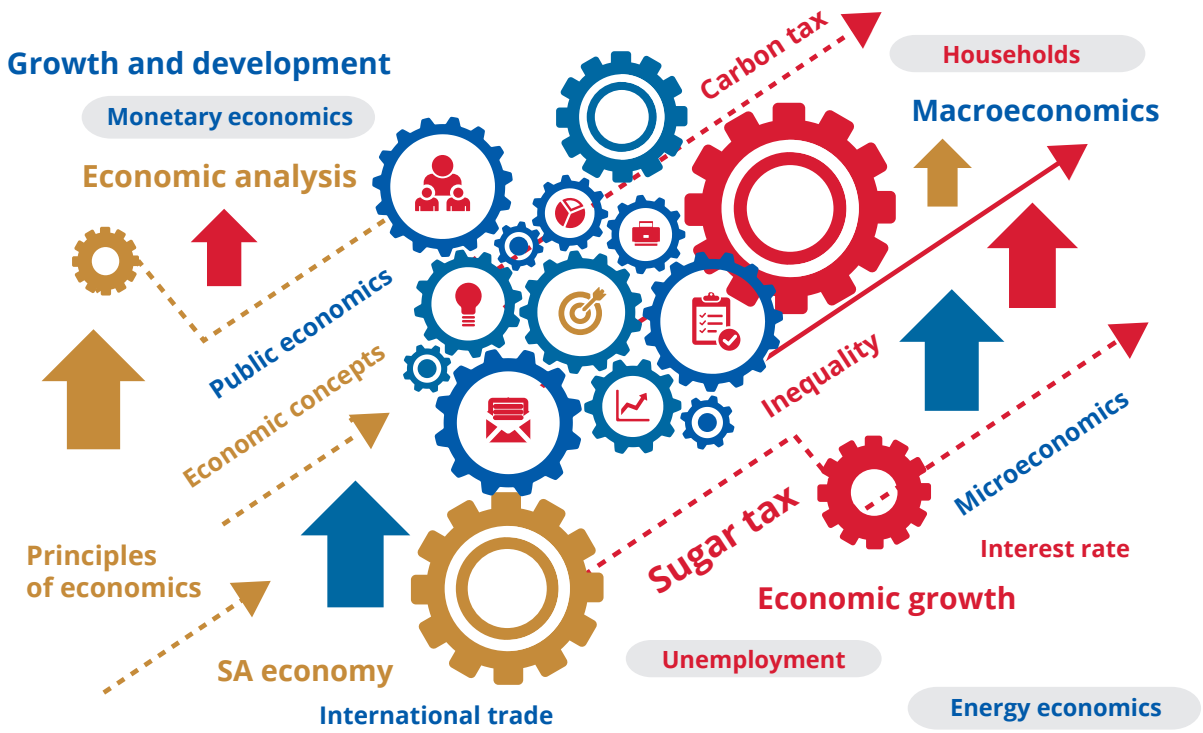
UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Econometrics and Bachelor of Commerce specialising in Economics *(continued)*

Economics students at the University of Pretoria are encouraged to test their skills in real-world contexts that extend beyond the lecture hall. A key opportunity is the Public Economics module, where students complete an assignment based on the undergraduate topic of the prestigious annual Nedbank & Old Mutual Budget Speech Competition.

This assignment contributes to their semester mark and prepares students to enter the national competition. Guided by lecturers and teaching assistants, they learn to analyse economic policy critically and present clear, evidence-based arguments.

Participation develops research, communication and innovative thinking skills while providing opportunities to engage with leaders in finance, government and business, positioning graduates as confident, informed voices in South Africa's economic future.



Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Econometrics [3 years]	5	6	32
Careers: Econometricians are employed by the government, the central bank, private and commercial banks, leading stockbrokers and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders or brokers, and academics. The work mostly entails statistical analysis (forecasting, structural and policy analysis) of economic and financial markets and interrelationships.			
Bachelor of Commerce specialising in Economics [3 years]	5	5	32
Careers: Economists may specialise in banking, public finance, international trade and investment or economic development. They are employed by the government, the central bank, private and commercial banks, stock brokerage firms and consultancies, both locally and internationally. Positions include analysts, consultants, researchers, traders and academics.			

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Website** www.up.ac.za/economics

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Financial Management Sciences

What does the programme entail?

The Bachelor of Commerce specialising in Financial Management Sciences degree combines the disciplines of business accounting, financial management, internal auditing and taxation in a single degree with the aim of providing students with more options for further study. The introduction to these disciplines empowers students to choose their field of specialisation at the honours level.

Structure of the programme

Core modules (compulsory)

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year	Final year
▪ Financial accounting ▪ Financial Management ▪ Informatics ▪ Statistics ▪ Economics ▪ Business management ▪ Informatics (accounting software) ▪ Communication management	▪ Business accounting ▪ Financial management ▪ Internal auditing ▪ Taxation ▪ Informatics ▪ Business law	▪ Business accounting* ▪ Financial management* ▪ Internal auditing* ▪ Taxation*

* Final-year students may choose any three majors.

Who is the ideal candidate?

The ideal candidate is:

- Passionate about numbers
- Attentive to details
- Innovative in solving problems
- Analytical
- Able to communicate well
- Skilled at working with people

What makes this programme unique?

What sets this programme apart is its strong alignment with the industry. Students benefit from endorsement by leading professional bodies and the opportunity to specialise further through postgraduate study.

The programme's recognition as a Centre for Internal Audit Excellence by the Institute of Internal Auditors underscores its commitment to excellence and industry relevance. The University of Pretoria is one of only 13 universities in the world recognised as a Centre for Internal Audit Excellence—the highest designation awarded to universities by the International Institute of Internal Auditors.

The curriculum is also recognised by the Chartered Institute of Management Accountants (CIMA), the Association of Chartered Certified Accountants (ACCA), and the South African Institute of Chartered Accountants (SAICA) for the AGA(SA) qualification, ensuring that graduates are equipped with industry-relevant skills and internationally benchmarked knowledge.

Graduates are equipped for careers ranging from management accounting to forensic auditing, in both the private and public sectors. The degree not only sharpens analytical and problem-solving skills, but also fosters ethical, innovative and well-rounded financial professionals.

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Financial Management Sciences *(continued)*

Career opportunities**

Chartered Institute of Management Accountants (CIMA)
- CIMA Certificate in Business Accounting (CIMA Cert BA)
- CIMA Diploma in Management Accounting (CIMA Dip MA)
- CIMA Advanced Diploma in Management Accounting (CIMA Adv Dip)
- Associates of the Chartered Institute of Management Accountants (ACMA)
- Chartered Global Management Accountant (CGMA)

Financial Planning Institute of Southern Africa (FPI)
- Registered Financial Planner™ (RFP)™
- Associate Financial Planner™ (AFP)™
- Certified Financial Planner® (CFP)®

South African Institute of Professional Accountants (SAIPA)
- Professional Accountant (SA)

Association of Chartered Certified Accountants (ACCA)
- Member of the Association of Chartered Certified Accountants (ACCA)
- Fellow of the Association of Chartered Certified Accountants (FCCA)
- Independent Regulatory Board for Auditors (IRBA): Registered Auditor (RA)

South African Institute of Chartered Accountants (SAICA)
- Associate General Accountant (AGA(SA))

South African Institute of Tax Professionals (SAIT)
- Master Tax Practitioner (MTP (SA))
- General Tax Practitioner (GTP (SA))
- Tax Technician (TT (SA))

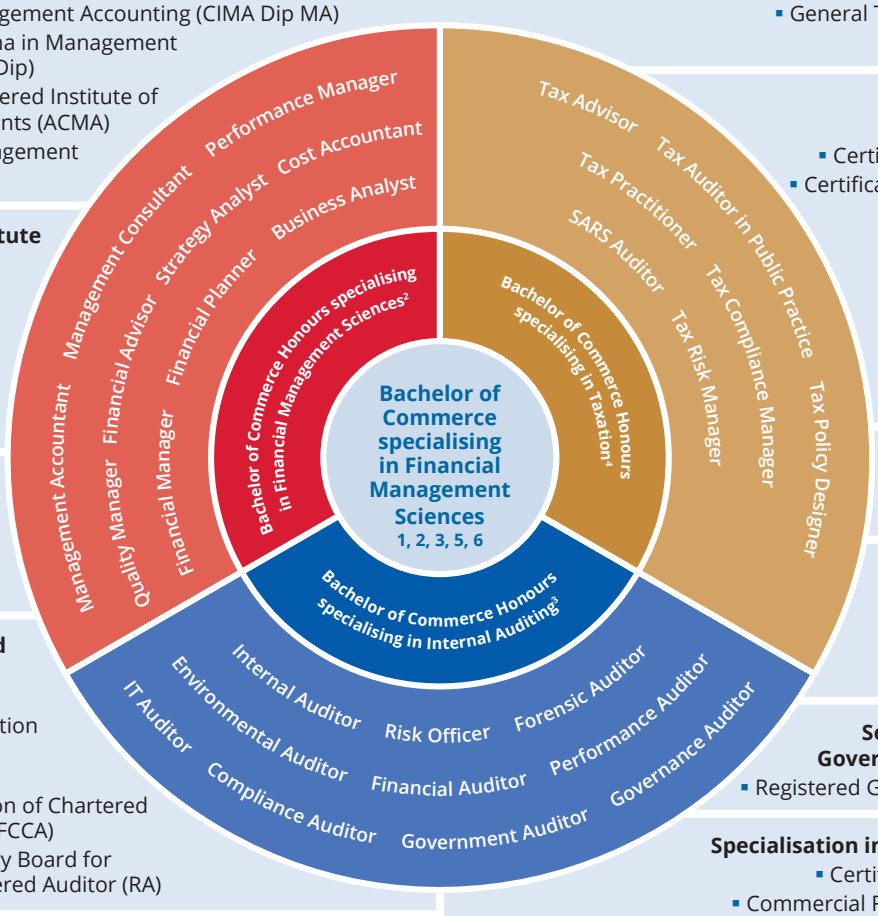
Institute of Internal Auditors (IIA) Global
- Certified Internal Auditor (CIA)
- Certification in Risk Management Assurance (CRMA)
- Certified Process Safety Auditor (CPSA)
- Certified Professional Environmental Auditor (CPEA)
- Qualification in Internal Audit Leadership (QIAL)

IIA South Africa
- Internal Audit Manager (IAM)

Information Systems Audit and Control Association (ISACA)
- Certified Information Systems Auditor (CISA)

South African Institute of Government Auditors (SAIGA)
- Registered Government Auditor (RGA)

Specialisation in forensic investigations
- Certified Fraud Examiner (CFE)
- Commercial Forensic Practitioner (CFP)



The Bachelor of Commerce specialising in Financial Management Sciences degree and the associated honours programmes are endorsed by the:
1 – Association of Chartered Certified Accountants (ACCA)
2 – Chartered Institute of Management Accountants (CIMA)
3 – Institute of Internal Auditors (IIA)
4 – South African Institute of Tax Professionals (SAIT)
5 – South African Institute of Chartered Accountants (SAICA)
6 – South African Institute of Government Auditors (SAIGA)
** Subject to the education, experience, examination and ethics requirements of the various institutes.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Financial Management Sciences [3 years]	5	5	**32**

Careers with a focus on:
- **Business accounting:** Financial reporting specialists
- **Financial management:** Management accountants, management consultants, financial advisors, cost accountants and financial managers
- **Taxation:** Tax advisors, tax auditors in public practice, tax policy designers, tax professionals, tax compliance managers, SARS auditors and tax risk managers
- **Internal auditing:** Internal auditors, performance auditors, government auditors, governance auditors, forensic auditors, IT auditors, environmental auditors, risk and compliance officers

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Email** financial.sciences@up.ac.za | **Website** www.up.ac.za/financial-management

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Human Resource Management

What does the programme entail?

The Bachelor of Commerce specialising in Human Resource Management degree introduces students to the key disciplines of:

- **Industrial and organisational psychology:** Using knowledge of the psychology of human behaviour to ensure that people work more efficiently in the workplace
- **Human resource management:** Managing people using workplace policies and procedures to ensure that they are effective and productive
- **Labour relations management:** Implementing Labour Relations programmes and acting as mediators through advising and counselling in the workplace

Structure of the programme

Core modules (compulsory)

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year	Final year
▪ Industrial and organisational psychology ▪ Business management ▪ Economics ▪ Financial accounting ▪ Statistics ▪ Informatics (accounting software) ▪ Communication management	▪ Industrial and organisational psychology ▪ Business management ▪ Business law	▪ Industrial and organisational psychology ▪ Business management ▪ Labour law ▪ Labour relations ▪ Human resource management

Who is the ideal candidate?

The ideal candidate can:

- Communicate effectively
- Solve problems
- Comfortably make difficult decisions
- Multi-task
- Show kindness and understanding
- Maintain strong ethical principles

Which companies employ our graduates?

Most companies have a human resource (HR) division and opportunities exist for graduates with experience to start their own companies providing services based on their specific specialisations.

What makes this programme unique?

This programme is closely aligned to the thirteen standards of human resource (HR) practice endorsed by the SA Board of People Practices (SABPP), which is the professional body for HR practitioners in South Africa. This ensures that students are equipped with HR management skills and competencies that are industry-relevant and aligned to the changing nature of the profession. Each module has been designed to emphasise specific SABPP standards and competencies that HR professionals need to enhance the value they add.

The Department of Human Resource Management prides itself on bridging the gap between theory and practice to ensure that our students are employable and possess the graduate attributes employers are looking for.

Students must register for and complete the Human Resources Practices module during the third year of study. This module focuses on providing students with real-life workplace experience and increasing community engagement. Through a series of practical assignments, students are expected to establish and manage an HR department and focus on talent management and development of employees through performance management, training and development and developing career support practices.

This module requires students to negotiate solutions in decision-making, share theoretical knowledge on all the workplace HR standards and demonstrate ethical conduct towards their work and each other.

Here is a model of an HRM business plan developed by a group of our third-year students. Through this model, students demonstrated competency in defining the HR department's vision, mission and business plan, designing the structure of the HR department, establishing standards of practice and deciding on essential tools and systems for the day-to-day operations of the department.

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Human Resource Management *(continued)*

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Human Resource Management [3 years]	5	4	**30**

Careers: Human resources practitioners, human resources consultants, mediators, labour relations specialists, human resources managers, personnel managers, training officers, liaison officers, psychometrists and industrial psychologists if studies are advanced beyond undergraduate level. In their capacity as human resources practitioners, graduates will be responsible for matters such as developing human resource strategies and policies, human resource planning, recruitment and selection of employees, training and development of staff, labour relations and personnel administration.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Tel** +27 (0)12 420 4756 | **Website** www.up.ac.za/hrm

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Information Systems

What does the programme entail?

Students enrolled for this programme focus on designing, building, implementing and securing information systems that meet the needs of people, organisations and society at large. They combine the skills that they learn from the programme with their own unique, personal and professional interests to build and implement computer and information systems in real-life organisations.

This degree is concerned with understanding how ordinary people work with information and computer technologies and developing systems that help them to work better.

Structure of the programme

Core modules (compulsory)
All first-year students take the fundamental modules: Academic information management and academic literacy for IT.

1st year	2nd year	Final year
▪ Informatics ▪ Financial accounting ▪ Economics ▪ Business management ▪ Statistics ▪ Informatics (accounting software)	▪ Informatics ▪ Mathematical statistics ▪ Business law ▪ Community-based project	▪ Informatics

Elective modules

1st year	2nd year	Final year
▪ Marketing management	▪ Marketing management ▪ Business management ▪ Internal auditing ▪ Statistics ▪ Business accounting ▪ Taxation	▪ Marketing management ▪ Business management ▪ Internal auditing ▪ Statistics ▪ Business accounting ▪ Taxation

Who is the ideal candidate?

The ideal candidate is:
- A problem solver with an analytical mind
- A creative thinker
- A strong communicator
- Skilled at working in a team
- Good at working with people
- Comfortable in unpredictable situations

What makes this programme unique?

- The Bachelor of Commerce specialising in Information Systems programme at UP is the only degree in South Africa that is internationally endorsed by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) of the USA.
- In the Capstone Project, students develop a working software solution for a real-life client. Implementing this software solution exposes students to the industry's need for graduates with both soft skills and technical skills.
- Developments in IT enhance the business environment by enabling companies to do more in less time and provide management information faster and more accurately.
- IT is the gateway to the international business world and makes it possible to complete business transactions within seconds.
- It is presented in collaboration with the Faculty of Engineering, Built Environment and Information Technology.

Which companies employ our graduates?

Our graduates are employed in all commercial sectors, including:
- Finance and insurance
- Telecommunication
- Mining
- Software development
- Consulting organisations
- Education
- Retail

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Information Systems *(continued)*

'As a high school student, I had already acknowledged that my strengths lay in IT and business. When representatives from the University of Pretoria came to my high school and presented the different programmes they offered, the informatics degree immediately sparked my interest.

Looking back on my journey as a Bachelor of Commerce student specialising in Information Systems, I realise that it has been one of the best choices I have made. This degree not only aligns with my strengths but also covers a wide range of expertise. I was able to learn how to apply and use information systems in organisations and incorporate commerce into the IT industry.

This degree offers a wide variety of career opportunities, meaning I will not be limited to certain career options. I am confident that I have chosen the right degree.'

Amy Trawin – Bachelor of Commerce specialising in Information Systems

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Information Systems [3 years]	5	5	**30**

Careers: Managers in the information technology environment, computer software or hardware support services, computer systems analysts, financial information systems analysts, business analysts, information facilitators, IT training officers, systems developers, business systems analysts

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Website** www.up.ac.za/informatics

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Investment Management

What does the programme entail?

The Bachelor of Commerce specialising in Investment Management programme focuses on the global investment environment and includes topics covering all facets of investment management.

The degree prepares you for career opportunities in the dynamic world of investments by offering access to money markets, fixed-income markets, equity markets, derivatives markets and portfolio management.

Structure of the programme

Core modules (compulsory)
All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.

1st year	2nd year	Final year
▪ Financial accounting ▪ Economics ▪ Statistics ▪ Informatics ▪ Business management ▪ Commercial law ▪ Informatics (accounting software)	▪ Business accounting ▪ Economics ▪ Investment management ▪ Statistics	▪ Business accounting ▪ Economics* ▪ Investment management ▪ Financial management ▪ Mathematical statistics ▪ Statistics*

* One statistics module is compulsory for final-year students, who choose between Economics or one of the additional statistics modules as a third major.

Who is the ideal candidate?

The ideal candidate should have:
- Strong mathematical skills
- Diligence
- Analytical skills
- The ability to think independently
- Problem-solving skills
- An inquiring mind
- Integrity
- Attention to detail

What makes this programme unique?

The Bachelor of Commerce in Investment Management at UP is an Affiliated Program with the CFA Institute®. This means the degree includes a large part of the CFA Program Candidate Body of Knowledge (CBOK), including the Code of Ethics and Standards of Professional Conduct.

Being an affiliated university shows students and employers that the curriculum is closely aligned with real-world investment management and helps students prepare for the CFA® Program exams.

CFA Institute and CFA are registered trademarks owned by the CFA Institute.

Which companies employ our graduates?

Investment Management graduates are able to pursue professional qualifications such as:
- Chartered Financial Analyst (CFA)
- Chartered Alternative Investment Analyst (CAIA)
- Certificate in Investment Performance Measurement (CIPM)
- Certified Financial Planner (CFP)

They can be employed by asset management companies, investment banks, private equity firms and wealth management companies.

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Investment Management *(continued)*

The Bachelor of Commerce specialising in Investment Management degree at the University of Pretoria stands out in the EMS Faculty as a leading programme dedicated to cultivating industry-ready investment professionals through a robust combination of academic rigour and experiential learning.

Our students are challenged in applied investment analysis, portfolio construction, and financial decision-making, whether through collaborative engagements with the student society Beta1, or through real-world, practical assignments.

A standout feature of the final year is the Equity Research Project, a signature assignment where students conduct detailed valuations of JSE-listed companies aligned with specific client portfolio objectives. Their findings are presented to a panel of seasoned industry professionals, including asset managers, financial analysts, and alumni, providing invaluable exposure to real-world expectations and bridging the gap between theory and applied investment practice.

The programme also fosters excellence beyond the lecture hall through participation in prestigious national competitions, such as the annual JSE Investment Challenge, where students simulate trading strategies and portfolio management in a competitive environment. In 2024, a Bachelor of Commerce specialising in Investment Management student from UP won the national title—an outstanding achievement that reflects the calibre of talent developed by the programme.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Investment Management [3 years]	5	6	**34**

Careers: Portfolio/fund manager, investment analyst, risk manager/analyst, quantitative analyst, financial advisor/planner, wealth manager, investment strategist.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Website** www.up.ac.za/financial-management

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Law

What does the programme entail?

- The Bachelor of Commerce specialising in Law degree is a three-year programme that focuses on core economic and management sciences subjects, but also includes some law modules.
- It provides a broader perspective on issues such as taxation and commercial law for those who wish to practise law in these fields.
- It offers an alternate route to the eventual attainment of an LLB degree, which is the minimum requirement for entering the organised legal profession.
- Graduates may also specialise in a field in the economic and management sciences instead of law, in which case they would register for an honours degree in the Faculty of Economic and Management Sciences.

Who is the ideal candidate?

The ideal candidate should have:

- Strong listening and interpersonal skills
- Logical reasoning, persuasiveness and sound judgement
- Honesty and integrity
- Ability to analyse and interpret large volumes of information and data
- Emotional intelligence to approach challenges objectively and proactively
- Attention to detail
- Strong time management and prioritisation skills

Career opportunities (with additional LLB qualification)

Officers of the court
- Attorneys
- Advocates

Court administration
- Registrars of the High Court
- Clerks of the Magistrates Court

Judiciary
- Magistrates
- Judges

Other officials in the administration of justice
- Masters of the High Court (administration of estates)
- Registrars of deeds, companies, patents and trademarks

Legal aid and advice
- Legal Aid Board
- Legal Resource Centre/Justice Centres

What makes this programme unique?

- It caters for students who have a dual interest in business and law.
- It offers a combination of commerce and law subjects to prepare students for the law profession, but with a broad commercial academic background.
- It enables a graduate to acquire Bachelor of Laws [also referred to as LLB] within two years after completion of the Bachelor of Commerce specialising in Law degree.
- Graduates have expertise in both economic and legal fields, which enhances their employability compared to those who follow a more narrowly focused career path.
- It is presented in collaboration with the UP Faculty of Law.

Structure of the programme

Core modules (compulsory)

All first-year students take the fundamental modules: Academic information management, jurisprudence and English.

1st year	2nd year	Final year
▪ Financial accounting ▪ Economics ▪ Business management ▪ Statistics ▪ Roman law ▪ Law of persons ▪ Informatics (accounting software)	▪ Consumer protection ▪ Law of contract ▪ Law of succession ▪ Specific contracts	▪ Insolvency law ▪ Law of things ▪ Law of delict ▪ Entrepreneurial law ▪ Payment methods

Elective modules

1st year	2nd year	Final year
▪ Business management ▪ Informatics	▪ Business management ▪ Economics ▪ Financial management ▪ Business accounting ▪ Taxation ▪ Statistics	▪ Business management ▪ Economics ▪ Financial management ▪ Business accounting ▪ Taxation ▪ Statistics

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Law *(continued)*

This degree combines the fields of commerce and law, making it ideal for students who are interested in both areas but are still deciding which to pursue. It covers subjects such as financial accounting, economics, business management, the law of contract, entrepreneurial law, consumer protection and insolvency law, among others.

This provides students with a solid foundation in both business and legal disciplines. In addition, the degree equips students with the skills necessary to pursue careers in entrepreneurship or law.

After completion of the Bachelor of Commerce specialising in Law degree, students can progress to do a honours degree in the Faculty of Economic and Management Sciences, or they can proceed to register for the Bachelor of Laws degree, also known as LLB, which can be completed in an additional two years. Bachelor of Commerce specialising in Law students who pursue this route will ultimately hold two degrees, whereas those who complete only the LLB will have a single qualification.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Law [3 years]	5	5	**32**

Careers: First step towards becoming attorneys, legal advisors, advocates, prosecutors, presiding officers (magistrates or judges) and academics in the legal field

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | Ms Ronel Steenkamp | **Tel** +27 (0)12 420 3347 | **Email** ronel.steenkamp@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Marketing Management

What does the programme entail?

The Bachelor of Commerce in Marketing Management provides a strong foundation in marketing principles, combined with practical projects over three years.

The programme equips students to develop, plan and implement integrated marketing communication strategies. Students learn to effectively communicate marketing ideas and visions for products and services across different industries.

Structure of the programme

Core modules (compulsory)
All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.

1st year	2nd year	Final year
▪ Marketing management ▪ Business management ▪ Financial accounting ▪ Statistics ▪ Economics ▪ Informatics (accounting software) ▪ Communication management	▪ Consumer behaviour ▪ Integrated brand communications ▪ Market offering ▪ Business management ▪ Financial management ▪ Business law ▪ Design thinking and business innovation ▪ Digital marketing	▪ Marketing management ▪ Marketing research ▪ Personal selling and account management ▪ Integrated practical marketing project ▪ International business management ▪ Business analytics

Who is the ideal candidate?

The ideal candidate for this programme is:
- People-oriented
- An out-of-the-box thinker
- Passionate about brands
- Engaged with technology
- Versatile
- A go-getter
- Optimistic

What makes this programme unique?

Industry partners provide students with real challenges to solve, and students present their solutions back to the partner. Examples of these challenges include:
- Developing integrated marketing communication campaigns
- Designing sales or in-store promotions
- Creating social media marketing campaigns
- Conducting market and consumer analyses

Which companies employ our graduates?

- Small to large businesses
- Advertising agencies
- Fast-moving consumer goods companies (e.g. Unilever, Coca-Cola)
- Public relations agencies
- Service companies in the finance, motor, travel and insurance industries (e.g. Bridgestone, Discovery)
- Marketing research companies

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Marketing Management *(continued)*

In this programme, students participate in specialised practical modules working closely with industry clients to solve real marketing challenges. For example, the third-year students developed a strategic Integrated Marketing Communication (IMC) plan for *Standard Beauty*, a South African skincare brand. Their IMC plans were based on insights gained from testing the products, research and feedback on their ideas from the client. *Standard Beauty* was very impressed with the quality of the students' work and intends to implement several of the ideas.

In the personal selling module, students work with a long-standing client, *Italtile*, where they gain hands-on sales experience and develop valuable skills in selling, managing customers and planning sales strategies. Some interactive learning activities include analyses of *Italtile*'s showrooms and their digital presence, role-playing handling demanding customers and developing targeted sales pitches. The primary outcome was a customer-oriented sales plan, which included sales promotions and an "always-on" sales strategy. The client, *Italtile*, was amazed by the student's innovative ideas and awarded internships to several students.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Marketing Management [3 years]	5	4	**30**

Careers: Product management, customer service management, customer relationship management, strategic marketing, sales management, brand management, advertising management, media planning, marketing research management and promotions management

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | Mrs Phuti Tshivhase | **Tel** +27 (0)12 420 5236 | **Email** phuti.tshivhase@up.ac.za | **Website** www.up.ac.za/marketing

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Statistics and Data Science

What does the programme entail?

The three-year Bachelor of Commerce in Statistics and Data Science trains students to extract meaningful information from data. This degree prepares graduates for careers in data science across a wide range of industries. It also provides a strong foundation for making evidence-based decisions, planning and estimation.

Who is the ideal candidate?

The ideal candidate is:
- Strong in numeracy and logical reasoning
- Interested in computers and programming
- Skilled in problem-solving, planning and analysis
- A good communicator
- Inquisitive, innovative and adaptable
- Able to think critically and work well in a team

What makes this programme unique?

UP Statistics and Mathematical Statistics students can obtain Statistical Analysis Software (SAS) certification in areas such as:
- Statistical learning
- Big data analytics

This programme also strengthens students' understanding of statistics, a vital part of modern life and business, used daily to make sense of the world. For example, it helps explain how social media platforms personalise content and recommendations for different users.

This programme is presented in collaboration with the UP Faculty of Natural and Agricultural Sciences.

Structure of the programme

Core modules (compulsory)
All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.

1st year	2nd year	Final year
▪ Statistics **or** Mathematical statistics ▪ Economics ▪ Financial accounting ▪ Business management ▪ Informatics (accounting software)	▪ Statistics **or** Mathematical statistics ▪ Communication management	▪ Statistics **or** Mathematical statistics

Elective modules

1st year	2nd year	Final year
▪ Mathematics ▪ Informatics ▪ Financial management ▪ Economics ▪ Computer science	▪ Mathematics ▪ Informatics ▪ Investment management ▪ Economics	▪ Mathematics ▪ Informatics ▪ Investment management ▪ Economics

This dynamic three-year programme blends strong theoretical foundations with practical, hands-on experience in analysing and interpreting data across multiple disciplines.

From the first year through to graduation, students follow an interdisciplinary curriculum that integrates statistics, economics, investment science, financial accounting, business management, computer science and informatics. The programme also offers industry-recognised SAS certification, giving students technical credentials in statistical and big data analytics tools that enhance employability.

Students develop essential skills in numerical reasoning, programming, critical and creative thinking, communication and teamwork—qualities highly sought after in today's data-driven world. By combining statistical theory, advanced analytics, technical computing, and real-world application, the programme equips students to turn complex data into actionable insights, drive impactful decisions and thrive in diverse industries.

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Statistics and Data Science *(continued)*

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Statistics and Data Science [3 years]	5	5	**32**

Careers: Data scientists, statistical analysts in several industries, researchers, consultants and lecturers

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Website** www.up.ac.za/statistics

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Supply Chain Management

What does the programme entail?

Supply chain management involves managing the entire flow of materials, information, services and money—from raw material suppliers to factories, warehouses and finally to the end users.

The Bachelor of Commerce in Supply Chain Management prepares students to take part in managing all parts of a supply chain in a coordinated way. The programme includes the following disciplines:

- Sourcing and supply management
- Production and operations management
- Warehousing management
- Transport management
- Supply chain strategy

Who is the ideal candidate?

The ideal candidate is:

- Globally minded and culturally aware
- Analytical and a strong problem-solver
- Innovative, creative and adaptable
- A natural leader and effective team player
- Technically savvy with strong business and communication skills
- Curious and eager to learn

What makes this programme unique?

The Department of Business Management at UP is the only European Logistics Association (ELA) National Certification Centre in Sub-Saharan Africa. Students in this degree can earn a Level 4 Candidate European Junior Logistician (cEJLog) certificate, which is recognised internationally and shows they have strong logistics skills. This certificate helps graduates move toward full ELA certification once they gain the required work experience, giving them a head start in an international career.

Which companies employ our graduates?

- Third-party logistics providers
- Retail companies that sell items such as clothing, food and technology products directly to customers
- Manufacturing companies
- Purchasing departments of various organisations

Structure of the programme

Core modules (compulsory)

- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year	Final year
▪ Business management ▪ Marketing management ▪ Financial accounting ▪ Informatics ▪ Statistics ▪ Economics ▪ Informatics (accounting software)	▪ Business management ▪ Marketing management ▪ Supply chain management ▪ Financial management ▪ Communication management ▪ Business law ▪ Responsible management	▪ Business management ▪ Supply chain management ▪ International business management ▪ Business analytics ▪ Labour relations

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce specialising in Supply Chain Management *(continued)*

Through visits to the facilities of industry partners, students in the Bachelor of Commerce specialising in Supply Chain Management programme gain a real-world perspective on how supply chains are transformed by technology, sustainability and scale. Some of the immersive experiences they have enjoyed include witnessing how global leaders like DHL balance efficiency and environmental stewardship, while South African trailblazers like Pick n Pay leverage bold infrastructure investment to drive cost optimisation and value. This industry exposure helps to shape future-ready supply chain professionals.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce specialising in Supply Chain Management [3 years]	5	4	30

Careers: The purpose of this programme is to equip students with the ability to participate in functional management within an integrated supply chain. This includes supply management, production and operations management, warehousing, transport management and supply chain strategy.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Contact information | **Email** uscm@up.ac.za | **Website** www.up.ac.za/ems

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce
[3 years]

What does the programme entail?

The three-year Bachelor of Commerce programme trains students in the economic and management sciences. It gives them a broad understanding of different areas in economics, finance and management, and allows them to choose modules that match the career opportunities they want to pursue in different sectors.

Who is the ideal candidate?

The ideal candidate is someone who:
- Wants to obtain a Bachelor of Commerce degree
- Has broad interests and enjoys diverse study areas
- May still be undecided about their major
- Values flexibility in choosing modules
- Prefers not to specialise too early in their studies

What makes this programme unique?

This programme is designed for students with broad academic interests that may not fit into the fixed structure of other Bachelor of Commerce degrees.

It gives students the flexibility to shape their own career path (within certain limits) by exploring a wide range of elective modules during their undergraduate studies.

Career opportunities

Depending on curriculum composition, students can choose to specialise in a specific field by pursuing postgraduate studies in:
- Economic sciences
- Financial sciences
- Management sciences

Structure of the programme

Core modules (compulsory)
- All first-year students take the fundamental modules: Academic information management and academic literacy for EMS.
- All second-year students take the module: Introduction to moral and political philosophy.

1st year	2nd year
▪ Economics ▪ Financial accounting ▪ Commercial law (first-year level) **or** Business law (second-year level) ▪ Communication management ▪ Statistics ▪ Business management ▪ Informatics (accounting software)	▪ Business law

Elective modules

1st year	2nd year	Final year
▪ Marketing management ▪ Industrial and organisational psychology ▪ Informatics	▪ Business management ▪ Marketing management ▪ Industrial and organisational psychology ▪ Internal auditing ▪ Statistics ▪ Economics ▪ Business accounting ▪ Taxation ▪ Financial management ▪ Communication management ▪ Tourism management	▪ Business management ▪ Marketing management ▪ Industrial and organisational psychology ▪ Internal auditing ▪ Statistics ▪ Economics ▪ Business accounting ▪ Taxation ▪ Labour relations ▪ Labour law ▪ Communication management ▪ Tourism management

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce [3 years]	5	4	**30**

Careers: Although the degree does not lead to a specific vocational outcome it does, to some extent, offer students opportunities to determine their own career paths as it allows them to compile their own curricula with a view to future work opportunities in all sectors.

Note: Accounting at school is not a subject requirement for any of the Bachelor of Commerce and Bachelor of Administration programmes.

Email ems@up.ac.za

UNDERGRADUATE PROGRAMMES

Bachelor of Commerce
[4 years]

What does the programme entail?

The four-year Bachelor of Commerce degree has lower entrance requirements than the standard three-year programme. It includes a foundation year to help students build the skills they need, followed by the usual three years of study. This 4-year programme gives students the chance to pursue a career in commerce, and it is offered at the Hatfield Campus.

Structure of the programme

Phase 1: Foundation year
- Content is presented at a slower pace, using different methods to address any gaps in basic knowledge.
- Smaller tutorial groups provide more individual attention and dedicated support.
- Students develop critical thinking and practical skills essential for long-term success.
- Special focus is placed on improving language skills, as strong reading and communication abilities are key in both studies and the workplace.

Phase 2: Mainstream years
- Students must pass all their modules in Phase 1 to continue to Phase 2.

Core modules (compulsory)

Foundation year	Mainstream years
▪ Academic information management ▪ Language, life and study skills ▪ Business mathematics ▪ Financial accounting ▪ Statistics ▪ Business management	Refer to the Bachelor of Commerce [3 years] programme

Who is the ideal candidate?

This programme is ideal for students whose National Senior Certificate (NSC) results do not meet the minimum admission requirements for the three-year Bachelor of Commerce programme.

Career opportunities

Depending on curriculum composition, students can choose to specialise in a specific field by pursuing postgraduate studies in:
- Economic sciences
- Financial sciences
- Management sciences

What makes this programme unique?

The Bachelor of Commerce four-year programme offers another route into the Bachelor of Commerce degree for students who did not initially meet the minimum admission requirements for the three-year programme.

It provides extra academic support and a stronger foundation to help students succeed. With commitment and hard work, students can earn their degree and achieve their goals.

Application requirements

Programmes	Application requirements for NSC/IEB for 2027		
	Achievement level		APS
	English Home Language or English First Additional Language	Mathematics	
Bachelor of Commerce [4-years]	4	3	**26**

Note: Selection criteria apply and will be communicated by the Faculty to applicants.
Careers: Although the degree does not lead to a specific vocational outcome it does, to some extent, offer students opportunities to determine their own career paths as it allows them to compile their own curricula with a view to future work opportunities in all sectors.

FLY@UP ASSIST FIRST-YEAR AWARDS

TABLE 1: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *Umalusi issued school-leaving certificates such as NSC, IEB and SACAI, irrespective of citizenship*		
Award A	**Qualifying average percentage**	**Amount**
Average percentage for the six (6) best subjects taken, excluding Life Orientation	80%–89.99%	R18 000
	90%–100%	R45 000
NOTE: Award B is only applicable if you achieved Award A.		
Award B*	**Qualifying average percentage**	**Amount**
Percentage obtained for Mathematics	80%–100%	R2 000
Percentage obtained for Advanced Mathematics	80%–100%	R2 000
Percentage obtained for Further Mathematics	80%–100%	R2 000
Percentage obtained for Alpha Mathematics	80%–100%	R2 000
Percentage obtained for Additional Mathematics	80%–100%	R2 000
Percentage obtained for Physical Sciences	80%–100%	R2 000
Percentage obtained for Advanced Physical Sciences	80%–100%	R2 000
Percentage obtained for Further Physical Sciences	80%–100%	R2 000

Conditions for the above awards:

- Table 1 primarily applies to UP candidates with Umalusi school leaving certificates (NSC, IEB and SACAI).
- FLY@UP Assist First-Year Awards are based on the final school-year examination results as issued by Umalusi via the Department of Basic Education.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- For candidates who present an NSC/IEB Certificate, the percentages obtained for the six (6) best subjects taken, excluding Life Orientation are used. Certain subjects are EXCLUDED in the calculation of average percentages:
  - Life Orientation
  - Practical Music Grade 4 and 5 (Note: Practical Music Grades 6, 7 and 8 are considered for inclusion in the calculation of the average percentage—if your music report for this subject is not part of your NSC report, please submit your official music report to the Student Service Centre at ssc@up.ac.za, before commencement of classes.)
- Mathematical Literacy, Technical Mathematics, Technical Sciences and equivalent subjects are not eligible for this award.
- *A candidate only qualifies for Award B if the candidate meets the criteria for Award A. Therefore, candidates who obtained 80% and above for the subjects in Award B only, will not be eligible for the subject awards.
- The calculation of the average percentage is based on the University of Pretoria's formula, per examination authority and not on the number of distinctions achieved.
- The average percentage is not rounded off.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.

TABLE 2: FLY@UP ASSIST FIRST-YEAR AWARDS 2026 *School-leaving certificates not issued by Umalusi. A maximum of R30 000 per student can be awarded, irrespective of citizenship*			
Cambridge Assessment International Education (CAIE)		**International Baccalaureate Diploma Programme (IBDP)**	
Award	**Amount**	**Award**	**Amount**
A-Level: A*, A or B symbol	R5 000	IBDP: Higher Level 6 or 7 symbol	R5 000
AS-Level: A symbol	R5 000	IBDP: Standard Level 7 symbol	R5 000

Conditions for the above awards:
The University of Pretoria (UP) reserves the right to amend award values without prior notice.

- The awards in Table 2 are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria. Students do not apply for these awards.
- R5 000 is awarded per symbol and only once per subject achieved, eg if you achieved an A*, an A or a B-symbol on A-Level in Mathematics as well as an A-symbol on AS-Level in Mathematics, you will only be awarded R5 000 for Mathematics.
- First-time entering first-year students who register for studies at UP directly after Grade 12 (final school year) or who took a gap year(s) after their final school-year and who meet the award criteria will be considered.
- Students who have previously registered at a tertiary educational institution before registration at UP will not be considered for FLY@UP Assist First-Year awards. Students who registered at UP in previous years, are also not considered.
- Results obtained for papers that have been re-marked are not considered for award purposes.
- This award will be cancelled for students who discontinue, are excluded or who terminate their studies for whatever reason during the year in which the award is made. No payouts of the award will be allowed.
- Any international school-leaving qualification that can be converted to the UP bursary formula, based on the UP conversion approved guidelines, may be eligible for an award of up to R30 000.
- The University's decision is final.
- These awards are subject to the availability of funds.

TABLE 3: OTHER FLY@UP AWARDS 2026		
Award	**Amount**	**Who**
JuniorTukkie Grade 11 Empowerment Week Award	R16 000	The 40 learners with the best Grade 12 results (NSC or equivalent) who attended the JuniorTukkie Grade 11 Empowerment Week.
Grade 12 Dux Scholar Award	R11 000	This award will be applicable to schools identified by the University of Pretoria.
Vice-Chancellor's Previously Disadvantaged Group Award	R15 700	Top prospective African and Coloured students with the highest average percentage will be considered.
Vice-Chancellor's Distinguished Merit Award (VCDMA)	The award covers three years' tuition fees and additional years may be considered on a case-by-case basis. An amount of R150 000 can be awarded in the first year of study.	This offer will be made to: 1. The first-time entering first-year student who has achieved the highest overall average percentage in the final school-year results. 2. The first-time entering first-year student from a Quintile 1, 2 and 3 school who has achieved the highest overall average percentage in the final school-year results. Based on the decision of the University, additional awards may be offered. The terms and conditions of the full offer will be contained in the candidate's specific award letter.

Conditions for the above awards:

- Specific terms, conditions and exclusions do apply for each award in Table 3.
- These awards are made automatically to first-time entering first-year registered undergraduate students who meet the award criteria.
- Students do not apply for these awards.
- Qualifying students will be notified.

Contact information
Tel +27 (0)12 420 3111 | **Email** ssc@up.ac.za
Awards information www.up.ac.za/student-funding/article/2746337/flyup-assist-1st-year-awards
More information www.up.ac.za/article/2749200/fees-and-funding
For FLY@UP Assist Senior Undergraduate Awards 2026, refer to www.up.ac.za/fees-and-funding

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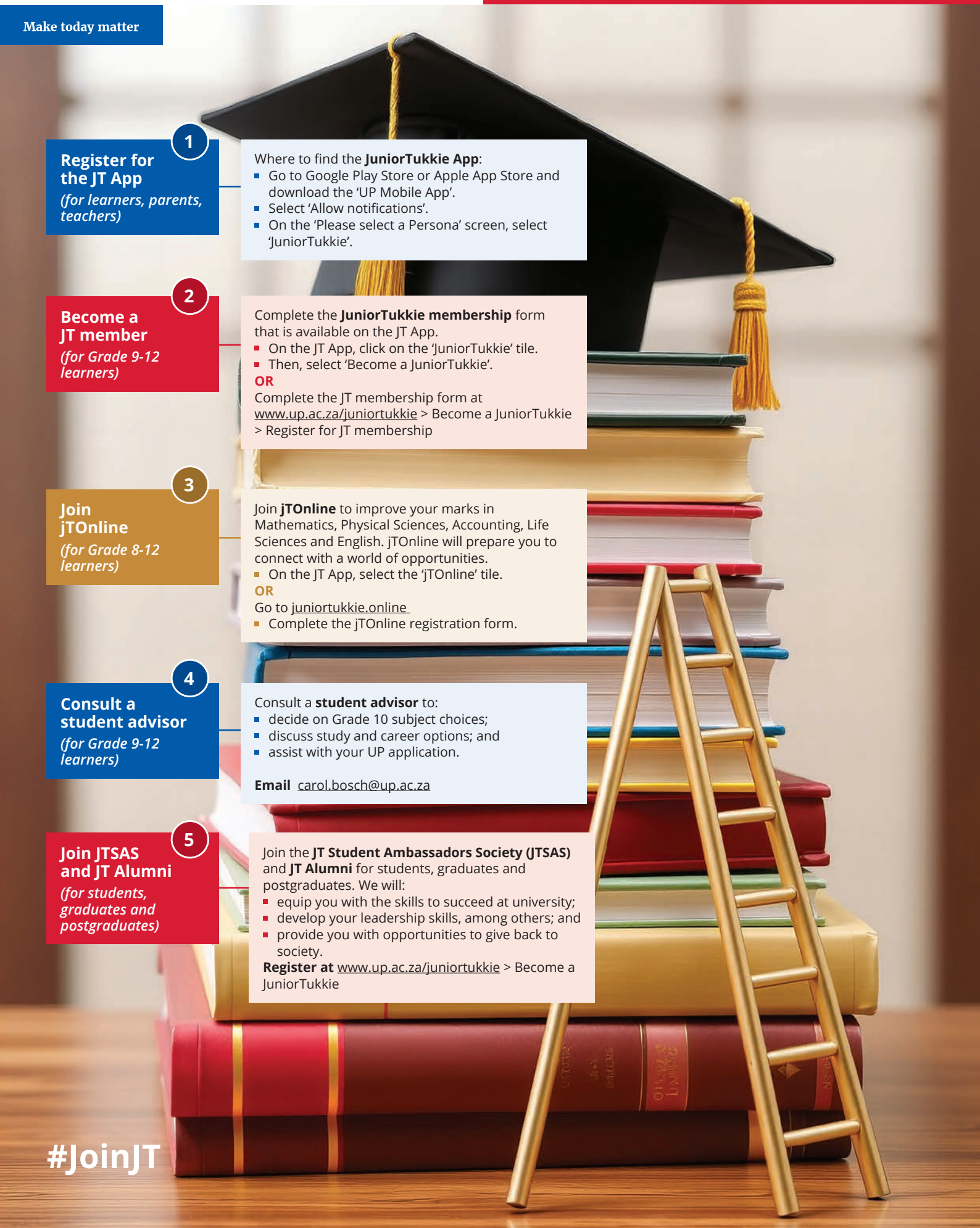

1 Register for the JT App
(for learners, parents, teachers)

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'.

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

Complete the **JuniorTukkie membership** form that is available on the JT App.
- On the JT App, click on the 'JuniorTukkie' tile.
- Then, select 'Become a JuniorTukkie'.

OR

Complete the JT membership form at www.up.ac.za/juniortukkie > Become a JuniorTukkie > Register for JT membership

3 Join jTOnline
(for Grade 8-12 learners)

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 'jTOnline' tile.

OR

Go to juniortukkie.online
- Complete the jTOnline registration form.

4 Consult a student advisor
(for Grade 9-12 learners)

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

5 Join JTSAS and JT Alumni
(for students, graduates and postgraduates)

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

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2027

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Economic and Management Sciences

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