UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

GUIDE

FOR UNDERGRADUATE APPLICANTS 2027

wits.ac.za



UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

WITS ANGLO AMERICAN DIGITAL DOME

Discover the Wits Anglo American Digital Dome

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Welcome

It is my great pleasure to welcome you to Wits! Joining this University means entering a community whose history and character are deeply woven into the life of Johannesburg and the African continent. For more than a century, generations of remarkable people have passed through its halls, each adding to a legacy of enquiry, courage, and service.

Studying at Wits reshapes how one sees the world. The classroom becomes a place where ideas are tested, where disciplines broaden understanding, and where the diverse perspectives of fellow students spark new ways of thinking. Our academics are leaders in their fields. They open doors to knowledge that are both rigorous and relevant, rooted in research that matters.

What distinguishes this institution is its instinct to engage with reality rather than turn away from it. Research here advances health and science, deepens insight into society, drives technological innovation, and enriches the creative and human experience. Learning is connected to purpose, and scholarship responds to the issues that shape our world.

All of this unfolds in Johannesburg, a city whose energy mirrors the University's own restlessness and ambition. It is a place of possibility. It is alive, complex, demanding, and rewarding. Many discover friendships that last, mentors who steady them, and moments that remain long after graduation.

Thank you for choosing Wits as the place to begin your next journey. May your time here bring growth, perspective and clarity of purpose. May the values that define this institution, which include curiosity, integrity, excellence, and service to society, guide the path ahead – For Good.

Professor Zeblon Vilakazi FRS, MASSAf, FAAS
Vice-Chancellor and Principal




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Nasdaq














WITS. FOR GOOD.















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WITS
A WORLD-CLASS UNIVERSITY

Wits is a remarkable University that is internationally distinguished for its excellent research, high academic standards and commitment to social justice. We advance innovations borne from world-class research and publications, connecting researchers, faculties, and enabling partners to drive innovation at Wits and on the continent.

In 2026, Wits will be approaching 104 years of academic and research excellence, social justice, and the advancement of the public good. Our history is inextricably linked to that of mining, the City, and civic and political activism.

Wits is a leading African university that is ranked in the **TOP 1%** of universities in the world.

Top **20** in Canada and Australia

Top **80** in the EU & US

Top **35** in the UK

Developing Employable Graduates

About **10 000** highly employable students graduate annually

↓

Of those employed, **96% find jobs within 6 months of graduating**

+200 000 **graduates in** **103** **years**

26 **A-rated** researchers

Recognised by peers internationally as global leaders in their field

6

DSI/NRF Centres of Excellence

Highest of all SA universities

Located in the Economic Hub of Africa

→ **400** buildings, **7** campuses, including the Wits Rural Facility

→ **12** libraries, **14** residences, **2** commercial companies: Wits Health Consortium **and** Wits Enterprise

Postgraduate students now make up almost **40%** of Wits students

97% of our research is published in **internationally competitive journals**

Wits is No. 1 in Sub-Saharan Africa for Innovation

(Industry Engagement & International Outlook - Global Innovation Index 2025)

Wits administers R1.5 BILLION in student financial aid, scholarships and bursaries annually. There are numerous services available for students.

Ranked **98th** in the world for Alumni Employability (CWUR)

www.wits.ac.za

INNOVATION. FOR GOOD

"Innovation is what drives us forward. At Wits, we have created a space to create, collaborate, and engage in impactful innovation, across disciplines and sectoral boundaries. We must transform our knowledge into impact solutions that benefit humanity, for good."

~ Prof. Lynn Morris, Deputy Vice-Chancellor: Research and Innovation

Witsies are at the forefront of change and are using their knowledge to change the world for good.

Take the **Pelebox** – an invention to cut down the time that patients spend waiting for medication in hospitals, **SmartSpot** – technology that improves the accuracy of TB testing, **JamLab** – a continental hub to support innovation in journalism and media, and **PecoPower** – a homegrown electrical off-grid solution for local communities - these are examples of innovation spawned at Wits that positively change the lives of people every day.

Wits is rapidly advancing innovation in health tech - from solutions to treat HIV, TB, and malaria, to the development of vaccines and new drug delivery systems, from biomedical initiatives like 'Brainternet' and the 'Bionic Hand' to precision medicine, students can innovate across disciplines and faculties.

New mining technologies are being developed at the Wits Sibanye-Stillwater DigiMine on campus, where researchers are working to make mines safer. An 'innovation spine' is being developed, which includes the Wits Anglo American Digital Dome, the Wits Innovation Centre, the Wits Sibanye-Stillwater Innovation Bridge, the African Rainbow Minerals Building, and Tshimologong, Wits' Digital Innovation Precinct.

The **Wits Innovation Centre** is the heart of Wits' innovation ecosystem. It brings brilliant minds together to co-create, collaborate, and to find multidisciplinary solutions to complex, real-world problems. The Centre encourages, facilitates and supports the transformation from research to innovation. **www.wits.ac.za/innovation/wits-innovation-centre/**

The **Wits Machine Intelligence and Neural Discovery (MIND) Institute** is an African AI research hub advancing machine, human, and animal intelligence. It fosters breakthrough discoveries, builds AI expertise, and collaborates with industry to address Africa's challenges. It also explores AI's societal impact, ensuring ethical, inclusive, and beneficial development. Now, with a US$1 million core funding boost from Google.org, MIND is set to accelerate African led AI breakthroughs and scale its talent development pipeline. This investment positions Wits to help shape the future of intelligence research on the continent, ensuring Africa has a confident voice at the global AI table. **wits.ac.za/mind/**

The **Wits Tshimologong Digital Innovation Precinct** serves as a hub for the incubation of startups, SMEs and digital entrepreneurs. Tshimologong, 'the place of new beginnings' develops skilled youth and digital entrepreneurs. It has incubated over 100 startups, 17 entrepreneurs and has over 423 community alumni entrepreneurs. **tshimologong.joburg**

The **Wits Anglo American Digital Dome** will open its doors to the public in 2026. It has been described as 'a high-tech 360° IMAX-like theatre, just better'. It provides an incredible theatre experience and will also serve a greater purpose – to assist researchers across all disciplines to visualise data in a profound way. **digitaldome.wits.ac.za**

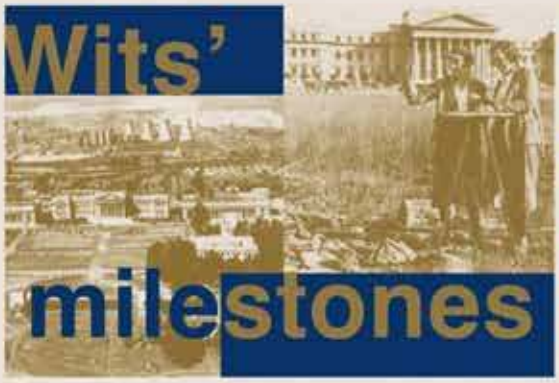


Wits is a member of the **African Engineering and Technology Network (Afretec)**, a pan-African collaboration of technology-focused universities from across the continent, which seeks to develop the high-level skills needed to advance digital transformation. It runs alongside another multimillion-rand innovative programme called the **Wits-Edinburgh Sustainable African Futures programme (WESAF),** which adopts an interdisciplinary approach to sustainable development, across multiple countries.

Wits is making major strides in **quantum computing** and **artificial intelligence**. It has access to a quantum computer and has developed guidelines to use artificial intelligence and AI generative models in the academic programme. Wits is home to a high concentration of researchers working on AI technologies, big data, and related areas.

www.wits.ac.za/innovation

Wits' milestones



1922

The University is formally inaugurated on 4 October at a ceremony at the Johannesburg Town Hall. Full University status is granted and the University of the Witwatersrand is established with about 1 000 students.



Wits University Press is established.

1931



Central Block is gutted by fire and the library destroyed.

1934

The University's Council decides to begin admitting black students to Wits.

A new Library, now the William Cullen Library, is officially opened by Prince George, Duke of Kent.

1935



Dr Benedict Vilakazi arrives at Wits, completes his honours and master's degrees by 1938 and doctorate in 1946. He is celebrated as the first black academic to be employed in a teaching capacity at a university in South Africa. He co-produced the first English-Zulu dictionary still in use today.

1939

The first radar set in South Africa was tested from the top of the Central Block building by Professors Basil Schonland and Guerino Bozzoli on 16 December.



1943

First major Wits student protest against increased fees takes place.

1946

Dr Donald Moikangoa and Dr James Njongwe (below) are the first black men to graduate from Medical School.



1947



Robert Broom and John Robinson discover "Mrs Ples" at Sterkfontein Caves.

Dr Mary Xakana, née Malahlele, becomes the first black woman to graduate from Wits Medical School.

1957



Two thousand academic staff, students and members of Convocation march from the University to the City Hall to protest the Separate Universities Bill.

1959

The opening night of the African jazz opera *King Kong* is staged in the Great Hall on 2 February, starring Miriam Makeba and Hugh Masekela on trumpet.

1960



On 12 October the first full-sized planetarium in Africa, and the second in the southern hemisphere, opens its doors on Wits' campus to the public.

1962

Wits becomes the first campus in South Africa to own a computer.



1966

United States Senator Robert F Kennedy addresses Wits students in the Great Hall.

1968

The Graduate School of Business Administration (Wits Business School) is established in Parktown.





1971

Wits hosts the first Free People's Concert on 12 March. It is a 12-hour non-racial open-air event.

1978

The Centre for Applied Legal Studies (CALS) is founded by Professor John Dugard as a legal research unit within Wits to encourage law reform and improved access to justice during the apartheid era.

1980s

A period of activism and mobilisation against apartheid defines a large part of Wits' identity.



1982

Wits alumnus Sir Aaron Klug wins the Nobel Prize in Chemistry.





1983

The Wits Theatre opens

1988

Nadine Gordimer wins the Nobel Prize in Literature. Wits confers an honorary doctorate on Nelson Mandela.



1989

Wits purchases the Umbabat Farm in Bushbuckridge, Limpopo Province, to launch the Wits Rural Facility, an interdisciplinary research facility to develop the community.



David Webster, anti-apartheid activist and lecturer in the Anthropology Department, is assassinated on 1 May 1989.



1993

Nelson Mandela wins the Nobel Peace Prize.

1997

Ron Clarke reveals an almost complete *Australopithecus* skeleton, now known as 'Little Foot'.



2002

The University's Donald Gordon Medical Centre, South Africa's only independent academic hospital, is launched.



Wits alumnus Sydney Brenner wins the Nobel Prize in Physiology or Medicine.

2004

The Dalai Lama visits Wits and delivers a public lecture on 5 November.

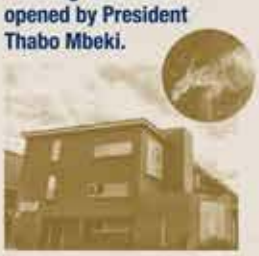


2005

Wits announces the world's oldest dinosaur embryos.

2006

The Origins Centre is opened by President Thabo Mbeki.



Wits alumnus Gavin Hood and five other Wits alumni win an Academy Award in the category 'Best Foreign Film', for *Tsotsi*.

2008



Seven hundred Wits academics and staff, including the Vice-Chancellor, don their academic gowns and bear placards on Jan Smuts Avenue to protest against nationwide xenophobic attacks.

2010

A ground-breaking discovery of *Australopithecus sediba* fossils (one of which is named 'Karabo') is announced to the world by Wits palaeoanthropologist Professor Lee Berger.



2012

Wits Art Museum opens and houses the largest collection of African art on the continent. The new School of Public Health building opens in Parktown.



2015

Student protests disrupt classes, shut down the campus and occupy the administration building on 14 October. #FeesMustFall movement spreads to other universities to stop increases in student fees.



Professor Lee Berger and his team announce the discovery of the *Homo naledi* fossils

2016

The Tshimologong Digital Innovation Precinct opens in Braamfontein. It is an enabling space to develop new digital technologies.



2018

Wits doctors transplant part of an HIV-positive mother's liver into her HIV-negative child.



2019

Wits becomes the first African partner on the IBM Q Network.

The Jack Ginsberg Centre for Book Arts opens with more than 3 000 artists' books housed in the Wits Arts Museum.

2020



Wits takes its entire academic project (over 3 200 programmes) online in three weeks in response to the COVID-19 pandemic. Professor Shabir Madhi leads two COVID-19 vaccine trials known as the "Oxford" and "Novavax" trials.

2021



The first partial skull of a *Homo naledi* child, Leti, is found in the Rising Star Cave System in the Cradle of Humankind World Heritage Site.

2022



Wits celebrates its 100th anniversary



2023

Ground-breaking of a R250 million state-of-the-art sport and performance medical centre - The Brian and Dorothy Zylstra Sports Complex (expected completion in 2026).

2024

Opening of the Wits Anglo American Digital Dome (formerly the Johannesburg Planetarium) and the Wits MIND Institute.

2025



Re-opening to the public of the Wits Sterkfontein Caves - one of humanities most important palaeontological sites.

WITS ATTRACTIONS



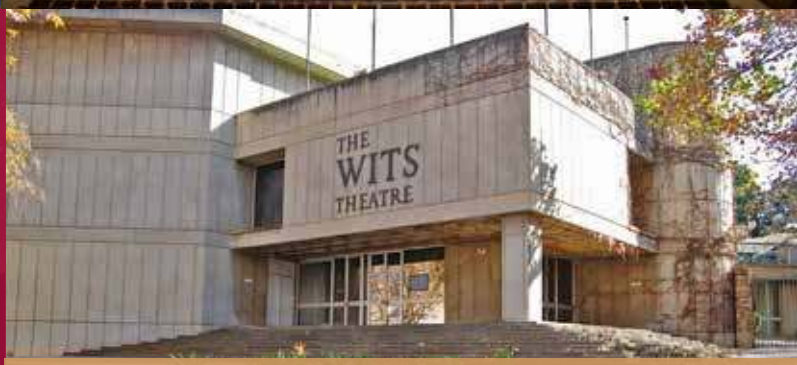
Origins Centre: Houses palaeoanthropological and archaeological material, as well as the largest rock engraving archive on the continent.



Wits Chris Seabrooke Music Hall: Launched at the beginning of the Wits centenary campaign, it is the only purpose-built live music hall with a modern acoustic design in Johannesburg; designed specifically for musical performances.



The Wits Anglo American Digital Dome (formerly the Planetarium): The nearly 100-year-old Star Projector at the Wits Planetarium was replaced by a fully digital dome projection system.



Wits Theatre: One of the finest performing arts facilities in the country providing support for the mounting of productions and aspects of technical teaching and practical training. The Wits Theatre has established itself as South Africa's major venue for contemporary dance.

The Wits Sterkfontein Caves, part of the Cradle of Humankind World Heritage Site, are renowned for their rich fossil discoveries, including Mrs Ples and Little Foot. These UNESCO World Heritage Site caves offer guided tours showcasing humanity's ancient origins and geological wonders.





Wits Art Museum (WAM): Houses 9 000 of the world's largest and finest collections of African art and is a rich resource for research and training.

Tshimologong Digital Innovation Precinct: This Precinct facilitates the incubation of start-ups, the commercialisation of research and the development of high-level digital skills for students, working professionals and unemployed youth.





The Adler Museum of Medicine: Preserves South Africa's history of the health sciences.

The Life Sciences Museum: The only natural history museum in Johannesburg.





Wits offers state-of-the-art

Infrastructure and Technology

Unlimited and fast **WiFi**
Smart **classrooms**
Future **libraries**
Knowledge hubs
Online resources
E-degrees and short courses

BLENDED LEARNING

Learning via electronic and online media as well as traditional face-to-face teaching by expert lecturers.

SIMULATION LABS

Students are trained and assessed on how to react to conditions as they would under real life circumstances. Clinical skills, attitudes, knowledge and reasoning are evaluated, preparing students for transition into the real clinical environment.

E-ZONES

A student-centred adaptive learning environment on Wits Education Campus that uses advanced eLearning tools to deliver education that prepares students for the 21st Century.

Ask Kudubot!

For real time feedback, access Kudubot, your 24/7 Campus Companion, at the bottom right corner of any of our website pages.



YOUR QUESTIONS ANSWERED

Entry requirements

APS calculation

Applications

Fees and payments

Scholarships and financial support

Residences and accommodation

Sports

APPLY ON TIME

Consider this: over 100 000 applicants applied during 2025 for the 2026 academic intake, all competing for just over 6 000 undergraduate places. The same number of applicants can be expected in 2026, for the 2027 cohort.

Application closing dates - see Page 28.

MORE IMPORTANTLY

Study hard and keep your grades up as admission into Wits requires high marks. Provisional acceptance is based on self-reported Grade 11 final marks, with final acceptance based on your final Matric results.

National Senior Certificate

Minimum Admission Requirements (Bachelor's Degree Pass)

NB: Compliance with the minimum requirements does **not** guarantee a place at the University. The University has a specific number of places for first year undergraduates, approved by the Department of Higher Education and Training. Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Applicants require the following to be considered for entry into any of the five faculties:

- National Senior Certificate (NSC), administered through the Department of Basic Education (DBE), or Independent Examinations Board (IEB), or South African Comprehensive Assessment Institute (SACAI) subjects, and
- Certain levels of achievement as set out in this Guide, as well as a Bachelor's degree pass.

Points

Wits tabulates the points score for all subjects on the following basis:

- English must be taken either as Home Language or First Additional Language
- Mathematics is a core and compulsory subject for all numerate programmes in Commerce, Law and Management, Engineering and the Built Environment, Science and most of the programmes in the Health Sciences Faculty
- Mathematical Literacy will be considered for LLB, Education and Humanities (except for Speech-Language Pathology and Audiology)
- The APS calculation is based on the best seven subjects including Life Orientation (faculty specific subjects must be included in the calculation)
- Further Studies subjects are also included in the APS calculation

WITS ADMISSION POINTS SCORE (APS)				
Wits APS	Wits APS%	Wits APS for English and Mathematics	Wits APS for Life Orientation	Other Subjects
8	90-100	8 +2=10	4	8
7	80-89	7 +2=9	3	7
6	70-79	6 +2=8	2	6
5	60-69	5 +2=7	1	5
4	50-59	4	0	4
3	40-49	3	0	3
0	30-39	0	0	0
0	0-29	0	0	0

National Senior Certificate (NSC) Admission Points Score (APS)	
NSC Scale of Achievement	**NSC %**
7	80 - 99
6	70 - 79
5	60 - 69
4	50 - 59
3	40 - 49
2	30 - 39
1	0 - 29

CALCULATE YOUR POINTS Note: Seven subjects are used in the calculation of the APS		
Subject	**%**	**Wits APS**
1. English Home Language or First Additional Language		
2. First Additional Language		
3. Mathematics/Maths Literacy		
4.		
5.		
6.		
7. Life Orientation		
TOTAL APS		

Central Application Service (CAS)

The DHET has published the Draft Central Application Service Bill, 2019 to enable the establishment of a Post-School Education and Training Central Application Service. The CAS will offer advice and serve as an application channel for students applying for PSET opportunities. The service allows students to apply for study places, pay a single application fee and facilitate their applications to more than one institution if necessary. The University will provide further updates as and when these become available.

National Benchmark Tests

Test Dates (*Dates are subject to change)

Health Sciences as well as **Humanities** (Speech-Language Pathology **AND/OR** Audiology): by 17 August 2026 for early feedback. **Science**: The test must be written by **31 October 2026**. (Your test results are used in addition to your final Grade 12 results to identify students who may need additional support during the course of their studies). For a comprehensive list of test dates, registration dates and available venues, please refer to the NBT website: **www.nbt.ac.za**

The following applicants are required to write the National Benchmark Tests (NBT) before being considered for admission:

Faculty of Health Sciences

The NBT must be written in person. Results from NBTs written online will not be considered. All applicants to the Faculty of Health Sciences (excluding applicants applying to the Graduate Entry Medical Programme – GEMP, the Graduate Entry Physiotherapy Programme – GEPP), those who are in their final year of a degree, and those who have already completed a degree), are required to write the National Benchmark Test (NBT) by *17 August 2026 for early feedback on their application. ***Please note:***

- Applicants who achieve in the 'basic' range (refer to the Benchmark Performance Levels table below), will not be considered for a place in the Health Sciences degrees.
- These are standard tests for all medical schools in South Africa and you are only required to write the tests once, irrespective of the number of medical schools you have applied to.
- The tests may be written in English or Afrikaans.

BENCHMARK PERFORMANCE LEVELS FOR DEGREE STUDIES

Academic Literacy (AL)			Quantitative Literacy (QL)			Mathematics (MAT)		
	Min	Max		Min	Max		Min	Max
Proficient	71	100	Proficient	70	100	Proficient	69	100
Intermediate	35	70	Intermediate	38	69	Intermediate	35	68
Basic	0	34	Basic	0	37	Basic	0	34

Wits Additional Placement Test (WAPT)

GRADUATE ENTRY MEDICAL PROGRAMME (GEMP)

GRADUATE ENTRY PHYSIOTHERAPY PROGRAMME (GEPP)

(GEMP and GEPP) applicants only

To be able to calculate a composite index, all components that contribute to this must be finalised (i.e.Tertiary Aggregate). Applicants will be notified of their eligibility to write the WAPT, scheduled for **September 2026**, as and when documentation for applications is complete. This means that the Faculty has received an academic transcript and all other pertinent documents. If documents are not submitted by **17 July 2026**, no further consideration will be given to your application. Applicants will need to start preparing well in advance of notification. All information about the content and nature of each of the components of the test is given on the GEMP website:

www.wits.ac.za/health/gemp
www.wits.ac.za/health/gepp

Faculty of Humanities

All applicants to the Bachelor of Speech-Language Pathology, and Bachelor of Audiology must write the NBT before being considered for admission.

Mature age applicants who wrote matric pre-2008, with no degree endorsement, may qualify for Mature Age exemption and will be required to write the NBT test for all Arts degrees (excluding BA Law, Bachelor of Speech-Language Pathology and Bachelor of Audiology).

Faculty of Science

All applicants to the Bachelor of Science must write the NBT before being considered for admission.

TWO TESTS

1) Academic and Quantitative Literacy Test
2) Mathematics Test

The test results will be used in addition to the Grade 11 results (for early decision-making purposes) and the Grade 12 results (for final decision-making purposes).

- Both tests (1 and 2) must be written at one session.
- **ONLY** the first attempt results within the most recent year will be taken into account for selection purposes and thus it is not advisable to write the tests more than once in any year. Applicants must ensure that their ID number is correct when applying to Wits and registering for the NBT. If not, the University will not receive your results.
- NBT results are valid for three years.

RULES

- Applicants must register on **www.nbt.ac.za/** to write the tests. Registration closes approximately three weeks prior to each of the test dates. You can register for the NBT even before you submit your application to the University.

DO NOT wait for an official notification from the University in order to register and write the tests.
You may miss the NBT deadline.

- A fee is charged for the tests. The fee can only be paid once you have registered to write the test.
- Results received for tests written after this date **WILL NOT** be taken into consideration. Applicants are encouraged to write the tests as early as possible.

National Certificate (Vocational)

Subject to institutional admission requirements, the minimum admission requirement to a Bachelor's degree programme is a National Certificate (Vocational) Level 4 issued by Council for General and Further Education and Training. The minimum legislative requirements for admission to a Bachelors degree include the achievement of:

- Three fundamental subjects between 60 - 69% (including English as the language of learning and teaching at Wits).
- Three vocational subjects from the designated list between 70-79% (4).

WITS INSTITUTIONAL REQUIREMENTS

An applicant who holds an NCV may be invited to write a test, provided that he/she has met the following compulsory institutional requirements as well as the Faculty and degree-specific requirements. An applicant must have:

- Taken English as either language of learning and teaching or as the first additional language
- Taken Mathematics as a fundamental component
- Achieved 70-79% for all seven subjects - in fundamental and vocational categories.

Faculty of Commerce, Law and Management		
BCom BEconSc BAccSc	English	4 (70%)
	Mathematics	4 (70%)
	Four subjects from Business, Commerce and Management Studies	
Faculty of Engineering and the Built Environment		
	Mathematics	5 (80%)
	Physical Sciences	5 (80%)
	English	5 (80%)
Faculty of Science		
	Mathematics	5 (80%)
	Physical Sciences	5 (80%)
	English	5 (80%)
Faculty of Health Sciences	Applicants who present with an NCV will not be considered.	
Faculty of Humanities	Applicants who present with an NCV will not be considered.	

Admission Points Score	%	Rating
Outstanding	**80-100**	**5**
Highly competent	**70-79**	**4**
Competent	**50-69**	**3**
Not yet competent	**40-49**	**2**
Not achieved	**0-39**	**1**

Senior Certificate (as Amended) - SC(a)

In line with using 7 National Senior Certificate (NSC) subjects for the APS calculation, the following is applied to SC(a) candidates:

1. If You Have Completed 6 Subjects:

- All 6 subjects are included.
- Your English result (level) is included as if it were Life Orientation.

2. If You Have Completed 7 Subjects:

- We select your best 6 subjects and exclude the lowest result (unless a faculty-specific subject requirement applies).
- Your English result (level) is included as if it were Life Orientation.

Each subject is converted to a subject level, e.g. 60% = level 5. English and Mathematics are adjusted using the additional 2-point rule.

This process ensures a fair, consistent comparison between applicants with the Senior Certificate (as amended) and those with the NSC.

Faculty of Commerce, Law and Management

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass

Closing Date: 30 September 2026

Programmes	Duration (years)	APS	English Home Language or First Additional Language	Mathematics	Maths Literacy	Waitlisting
School of Business Sciences						
Bachelor of Commerce (BCom) in the fields of: - General - Politics, Philosophy and Economics - Information Systems	3	38 +	5	5		Applicants with an APS of 35-37, as well as English Level 6 AND Mathematics Level 6, may be wait-listed, subject to place availability.
The Wits Margo Steele School of Accountancy						
Bachelor of Accounting Science (BAccSci)	3	44 +	5	6		Applicants with an APS of 39-43, as well as English Level 6 AND Mathematics Level 6, may be wait-listed, subject to place availability.
Bachelor of Commerce (BCom) in the field of Accounting	3	38 +	5	5		Applicants with an APS of 35-37, as well as English Level 6 AND Mathematics Level 6, may be wait-listed, subject to place availability.
School of Economics and Finance						
Bachelor of Economic Science (BEconSci)	3	42 +	5	7		Applicants with an APS of 39-41, as well as English Level 5 AND Mathematics Level 7, may be wait-listed, subject to place availability.
Bachelor of Commerce (BCom) in the field of Financial Sciences	3	42 +	5	7		Applicants with an APS of 39-41, as well as English Level 5 AND Mathematics Level 7, may be wait-listed, subject to place availability.
School of Law						
Bachelor of Commerce (BCom) in the field of Law	3	43 +	5	5		Applicants with an APS of 35-42, as well as English Level 6 AND Mathematics Level 6, may be wait-listed subject to place availability.
Two-year LLB (for graduates only)	2	No matric APS calculation	4	Subject to assessment criteria as determined by the School of Law and place availability. Wits students who have completed a BA Law or BCom Law are eligible to apply for the two-year LLB.		
Three-year LLB (for graduates only)	2		4	Subject to assessment criteria as determined by the School of Law and place availability. Applicants who have completed an undergraduate degree at an institution other than Wits may be required to apply for the three-year LLB programme. Wits students who have completed an undergraduate degree without Law majors are also required to apply for the three-year LLB. Applicants must have obtained an average of at least 65% for the final year of their undergraduate degree.		
Four-year LLB	4	46 +	6	5	6	Applicants with an APS of 40-45, as well as English Level 6 AND Mathematics Level 5 OR Maths Literacy Level 6, will be wait-listed, subject to place availability.

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

International Qualifications
(Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Higher Int. Certificate of Secondary Education (HIGCSE)	Ordinary Level (O Level)/IGCSE	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Higher International Certificate of Secondary Education (HIGCSE)
English Language					Mathematics				
School of Business Sciences									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-B	A-C	HL 4-7 SL 5-7	1-3
The Wits Margo Steele School of Accountancy									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A	A-B	HL 4-7 SL 5-7	1-2
School of Economics and Finance									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A	A-B	HL 4-7 SL 5-7	1-2
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A	A-B	HL 4-7 SL 5-7	1-2
School of Law									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-B	A-C	HL 4-7 SL 5-7	1-3
A-B	A-B	A-B	HL 4-7 SL 5-7	1-2	A-C	A-C	A-C	HL 4-7 SL 5-7	1-2

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Faculty of Engineering and the Built Environment

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass

Closing Dates: 30 June 2026 (Bachelor of Architectural Studies) 30 September 2026 (all other programmes)

Programmes (Refer to Page 58 for information on the common first year curriculum for all professional engineering degrees).	APS	English Home Language or First Additional Language	Mathematics	Physical Sciences	Additional Information
School of Chemical and Metallurgical Engineering					
Bachelor of Science in Engineering in Chemical Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted. Those meeting the minimum requirements may be wait-listed.
Bachelor of Science in Engineering in Metallurgy and Materials Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	
School of Civil and Environmental Engineering					
Bachelor of Science in Engineering in Civil Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted. Those meeting the minimum requirements may be wait-listed.
School of Electrical and Information Engineering					
Bachelor of Science in Engineering in Electrical Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted. Those meeting the minimum requirements may be wait-listed.
Bachelor of Engineering Science in Biomedical Engineering (BEngSc(BME)) (3 years)	42 +	5	5	5	
Bachelor of Engineering Science in Digital Arts (BEngSc(DA)) (3 years)	42 +	5	5	5	
School of Mechanical, Industrial and Aeronautical Engineering					
Bachelor of Science in Engineering in Aeronautical Engineering (BSc(Eng))(4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted. Those meeting the minimum requirements may be wait-listed.
Bachelor of Science in Engineering in Industrial Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	
Bachelor of Science in Engineering in Mechanical Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	
School of Mining Engineering					
Bachelor of Science in Engineering in Mining Engineering BSc(Eng) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted. Those meeting the minimum requirements may be wait-listed.
School of Architecture and Planning					
Bachelor of Architectural Studies (BAS) (3 years)	34 +	4	4		Acceptance depends on departmental selection. Applicants must complete a written and graphic exercise and may be required to attend an interview. Following an interview, applicants with a Wits APS of 30-33 may be accepted on the basis of exceptional scores. The BAS selection process is conducted by a panel of senior academics from the School of Architecture and Planning, which is monitored by the Assistant Dean. Selection is based predominantly on performance in the selection exercise, interview and academics. Demographic balance is taken into consideration where a choice needs to be made between applicants scoring within the same range.
Bachelor of Science in Urban and Regional Planning (BSc(URP)) (3 years)	36 +	5	5		Applicants with an APS of 30-35 may be wait-listed subject to place availability.
School of Construction Economics and Management					
Bachelor of Science in Construction Studies (BSc(CS)) (3 years)	36 +	5	5		Applicants with an APS of 30-35 may be wait-listed subject to place availability.
Bachelor of Science in Property Studies (BSc(PS) (3 years)	36 +	5	5		

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

International Qualifications
(Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Level (A Level)	Advanced Subsidiary (AS Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)
English Language					Mathematics				Physics			
									Chemistry (BSc ChemEng and BSc Metallurgy **ONLY**)			
School of Chemical and Metallurgical Engineering												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
									A-D	A-D	HL 4-7, SL 5-7	1-3
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
									A-D	A-D	HL 4-7, SL 5-7	1-3
School of Civil and Environmental Engineering												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
School of Electrical and Information Engineering												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
School of Mechanical, Industrial and Aeronautical Engineering												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
School of Mining Engineering												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3
School of Architecture and Planning												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3				
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3				
School of Construction Economics and Management												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3				
A-C	A-C	A-C	HL 4-7, SL 5-7	1-3	A-C	A-C	HL 4-7, SL 5-7	1-3				

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Faculty of Health Sciences

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass. Closing Date: 30 June 2026

Programmes	Selection Procedures	English Home Language or First Additional Language	Mathematics	Maths Literacy	Life Sciences	Physical Sciences	Life Sciences AND/OR Physical Sciences
When applying to the Faculty of Health Sciences, you will not be selected on your school leaving results only, although they are very important. A Composite Index (CI) is calculated, taking into consideration a 60% weighting for, (i) your academic results for five subjects and a 40% weighting for (ii) your National Benchmark Test scores. Only five subjects are used to derive an academic score, which is calculated according to the percentages obtained, **NOT** symbols. These are English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. Dental Science requires English, Mathematics, Physical Sciences AND Life Sciences. All applicants (excluding applicants who are applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), those who are in their final year of their degree, and those that have already completed a degree), are required to write the National Benchmark Test. Qualifying GEMP and GEPP applicants will be invited to take the Wits Additional Placement Test (WAPT). Applicants are advised to prepare in advance in the event that they are invited to write the WAPT. Refer to **Page 75** for more information on the NBT and the WAPT. **PLEASE NOTE** THAT FROM 2029 THE FACULTY MAY REQUIRE APPLICANTS TO ALL HEALTH SCIENCES PROGRAMMES TO HAVE COMPLETED BOTH LIFE SCIENCES AND PHYSICAL SCIENCES.							
Bachelor of Health Sciences: (BHSci) • Biomedical Sciences • Biokinetics • Health Systems Sciences (All 3 years)	To be considered for admission all Faculty of Health Sciences applicants must write the NBT by 17 August 2026 for early feedback on their application. **Results from online NBT's will not be considered.** Refer to **Page 75** for more information on the NBT or refer to: **www.nbt.ac.za**	5	5				5
Bachelor of Clinical Medical Practice (BCMP) (3 years)		4	4	7			4
Bachelor of Medicine and Bachelor of Surgery (MBBCh) (6 years)	There are two entry points into the MBBCh: • first year, for applicants currently in Grade 12 and; • third year, for applicants who have completed a relevant degree (GEMP).	5	5				5
Bachelor of Dental Science (BDS) (5 years)	All applicants to Bachelor of Dental Science and Bachelor of Oral Health Sciences must spend time observing specific procedures as performed by a Dentist/Dental Therapist/Oral Hygienist to gain insight into the profession. Applicants must complete a job shadowing certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted. Please download the form from: **www.wits.ac.za/undergraduate/apply-to-wits/additional-requirements/** under Additional Requirements. Applicants who fail to submit a certificate of attendance will not be considered for admission.	5	5		5	5	
Bachelor of Oral Health Sciences (BOHS) (3 years)		4	4	7			4
Bachelor of Nursing (BNurs) (4 years)		4	4				4
Bachelor of Pharmacy (BPharm) (4 years)		5	5				5
Bachelor of Science in Occupational Therapy (BSc (OT) (4 years)	All applicants to BSc Occupational Therapy must spend time observing an Occupational Therapist and all applicants to BSc Physiotherapy must spend time observing a Physiotherapist, to gain insight into the profession. Applicants must complete a job shadowing certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted. Please download the form from: **www.wits.ac.za/undergraduate/apply-to-wits/additional-requirements/** under Additional Requirements. Applicants who fail to submit a certificate of attendance will not be considered for admission.	4	4				4
Bachelor of Science in Physiotherapy (BSc Physiotherapy) (4 years)		5	5				5

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

International Qualifications
(Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)
English Language						Mathematics				Biology/Physics/Chemistry		
ALL Applicants must have completed English Language, Mathematics, Biology, Physics or Chemistry. Bachelor of Dental Science applicants must have completed English Language, Mathematics, Biology AND Physics.												
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C Biology AND Physics	A-C Biology AND Physics	HL 4-7, SL 5-7 Biology AND Physics	1-2 Biology AND Physics
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry
A-C	A-C	A-C	HL 4-7, SL 5-7	1-2	A-C	A-B	HL 4-7, SL 5-7	1-2	A-C A choice of TWO from Biology, Physics OR Chemistry	A-C A choice of TWO from Biology, Physics OR Chemistry	HL 4-7, SL 5-7 A choice of TWO from Biology, Physics OR Chemistry	1-2 A choice of TWO from Biology, Physics OR Chemistry

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Faculty of Humanities

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass
Closing Dates: 30 June 2026 (B Speech Language-Pathology And B Audiology And BA Film And Television)
30 September 2026 (all other programmes)

Programmes		APS	English Home Language or First Additional Language	Mathematics	Maths Literacy	Technical Mathematics	Waitlisting
Bachelor of Arts (BA) (3 years)		36 +	5				30-35 points. Preference is given to higher English results.
Bachelor of Arts (Law) (3 years)		43 +	5	3	4		Applicants who wish to take law courses in their first year of study must meet the admission requirements for law (40-42 points). Preference is given to higher English results.
Professional and Specialist degrees:							
Wits School of Arts (WSoA)							
Programmes	Additional Selection Criteria	APS	English Home Language or First Additional Language				An APS of 30-35 points may be wait-listed, subject to place availability. Preference is given to higher English results.
Bachelor of Arts in Digital Arts (4 years)	Consideration for any degree in the Wits School of Arts requires applicants to fulfil the academic entrance criteria set out by the University. In addition, it is required that the applicant successfully complete an interview/audition/portfolio/ written assignment at the Wits School of Arts that will take place from May 2026. Consideration into the degree is dependent on you successfully fulfilling both these criteria.	36 +	5				
Bachelor of Arts in Theatre and Performance (4 years)		34 +	5				An APS of 30-33 points may be wait-listed, subject to place availability. Preference is given to higher English results.
Bachelor of Arts in Film and Television (4 years)		34 +	5				
Bachelor of Arts in Fine Arts (4 years)		34 +	5				
Bachelor of Music (4 years)		34 +	5				
Wits School of Education (WSoE)							
Bachelor of Education (BEd)				Mathematics or Maths Literacy or Technical Mathematics			
Foundation Phase Teaching (4 years)		37 +	5	4	5	5	An APS of 34-36 may be wait-listed, subject to place availability. Preference is given to higher English results.
Intermediate Phase Teaching (4 years)		37 +	5	4	5	5	
Senior Phase and Further Education and Training Teaching (4 years)		37 +	5	Teaching subjects: Physical Sciences, Life Sciences, Engineering Graphics & Design (EGD), Geography, History, IsiZulu Home Language, IsiZulu First Additional Language, Sesotho Home Language, Sesotho First Additional Language, Information Technology, Mechanical Technology (Auto), Mathematics, Technical Mathematics			
School of Human and Community Development (SHCD)							
Bachelor of Speech-Language Pathology (4 years)	Applicants for the Bachelor of Speech-Language Pathology and Bachelor of Audiology are required to write the NBT. Please refer to Page 14 for more information on the NBT.	34 +	5	4			An APS of 30-33 points may be wait-listed, subject to place availability. Preference is given to higher English results.
Bachelor of Audiology (4 years)		34 +	5	4			
Bachelor of Social Work (4 years)*		36 +	5				An APS of 34-35 points may be wait-listed, subject to place availability. Preference is given to higher English results *Only 60 1st year places are available for the Bachelor of Social Work degree. Selection is based on academic merit within various school quintiles.

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

International Qualifications
(Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)	Ordinary Level (O Level)/ Int. Gen. Certificate (IGC)/ Secondary Education for Mature Age Exemption only (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)
English Language					Mathematics				
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-D	A-D	HL 4-7 SL 5-7 (Maths Method)	1-3
Professional and Specialist degrees:									
Wits School of Arts (WSoA)									
O Level/ IGC/ IGCSE		A Level	IB Diploma	HIGCSE	O Level/IGC/ IGCSE	AS Level	A Level	IB Diploma	HIGCSE
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
Wits School of Education (WSoE)									
Bachelor of Education (BEd)									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-D	A-D	HL 3-7 SL 4-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-D	A-D	HL 3-7 SL 4-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					
School of Human and Community Development (SHCD)									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-D	A-D	HL 3-7 SL 4-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-D	A-D	HL 3-7 SL 4-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	Teaching subjects: Physics, Biology, Geography, History, Information Technology, Mathematics				

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Faculty of Science

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass

Closing Date: 30 September 2026

All applicants to the Faculty of Science are required to write the National Benchmark Test by 31 October 2026.

Refer to Page 110 for more information on the NBT.

Programmes	Duration (years)	APS	English Home Language or First Additional Language	Mathematics	Physical Sciences	Waitlisting
Bachelor of Science (BSc) General	3	42 +	5	5		Applicants with 40-41 points may be wait-listed, subject to place availability.
Biological Sciences						
Bachelor of Science in the field of Biological Sciences	3	43 +	5	5		Applicants with 41-42 points may be wait-listed, subject to place availability.
Earth Sciences						
Bachelor of Science in the fields of Geographical and Archaeological Sciences	3	42 +	5	5		Applicants with 40-41 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Geospatial Sciences	3	42 +	5	5		
Bachelor of Science in the field of Environmental Studies	3	42 +	5	5		
Bachelor of Science in the field of Geological Sciences	3	42 +	5	6	5	
Mathematical Sciences						
Bachelor of Science in the field of Actuarial Science	3	44 +	7	7	7	Applicants with 44+ points and English Level 6 may be wait-listed, subject to place availability.
Bachelor of Science in the field of Computational and Applied Mathematics	3	44 +	5	6		Applicants with 41-43 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Computer Science	3	44 +	5	6		
Bachelor of Science in the field of Mathematical Sciences	3	44 +	7	7	7	Applicants with 44+ points and English Level 6, Mathematics Level 7 and Physical Sciences Level 7 may be wait-listed, subject to place availability.
Physical Sciences						
Bachelor of Science in the field of Physical Sciences (Chemistry/Physics)	3	42 +	5	6	5	Applicants with 44+ points and English Level 6, Mathematics Level 7 and Physical Sciences Level 7 may be wait-listed, subject to place availability.
Bachelor of Science in the field of Chemistry with Chemical Engineering	3	43 +	5	6	6	Applicants with 40-42 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Astronomy and Astrophysics	3	43 +	5	6	6	

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

International Qualifications
(Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma))	Higher Int. Certificate of Secondary Education (HIGCSE)
English Language						Mathematics			Physics			
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3				
Biological Sciences												
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3				
Earth Sciences												
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3				
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3				
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3
Mathematical Sciences												
A-B	A-B	A-B	HL 6-7	1-2		A*-A	HL-7	1	A*	A*	HL-7	1
A-B	A-B	A-B	HL 6-7 SL-7	1-2	A	A	HL 6-7	1				
A-B	A-B	A-B	HL 6-7 SL-7	1-2	A	A	HL 6-7	1				
A-B	A-B	A-B	HL 6-7	1-2		A*-A	HL -7	1	A*	A*	HL -7	1
Physical Sciences												
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-C	HL 4-7 SL 5-7	1-3

NB: Due to the limited number of places available, meeting the minimum requirements does not guarantee a place.
Final selection is made subject to the availability of places, academic results and other entry requirements where applicable.

Undergraduate Part-Time Degrees

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass
International Qualifications (Relevant exemption from South African Matriculation Board)
Closing Date: 30 September 2026

The Bachelor of Arts has both a January and July intake opening 1 March and closing 31 May.
The first year of the Wits Engineering degree is offered over two years on a part-time basis.
After completion of the first year, students will need to move to full-time study to complete the remainder of the degree.

Programmes		Duration (years)	APS	English Home Language or First Additional Language	Mathematics	Maths Literacy	Physical Sciences	Ordinary Level (O Level)/International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Ordinary Level (O Level)/International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)	Ordinary Level (O Level)/International General Certificate of Secondary Education (IGCSE)	Advanced Subsidiary (AS Level)	Advanced Level (A Level)	International Baccalaureate (IB Diploma)
								English Language				**Mathematics**				**Physics**			
Bachelor of Arts	Part-Time	3 years	36 +	5				A-C	A-C	A-C	HL 4-7 SL 5-7								
	With Law Part-Time	3 years	43 +	5	3	4		A-C	A-C	A-C	HL 4-7 SL 5-7	A-C	A-D	A-D	HL 4-7 SL 5-7				
Bachelor of Commerce	Part-Time	3 years	38 +	5	5			A-C	A-C	A-C	HL 4-7 SL 5-7		A-B	A-C	HL 4-7 SL 5-7				
	With Law Part-Time	3 years	43 +	5	5			A-C	A-C	A-C	HL 4-7 SL 5-7		A-B	A-C	HL 4-7 SL 5-7				
Bachelor of Science in Engineering in	Chemical Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7
	Civil Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7
	Electrical Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7
	Aeronautical Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7
	Industrial Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7
	Mechanical Engineering	4 years	42 +	5	5		5	A-C	A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7		A-C	A-C	HL 4-7 SL 5-7

Part-time studies offer various benefits, depending on individual circumstances and preferences. Flexibility: Work Experience Extended Time for Learning. It is, however, important to note that part-time students are not eligible to apply for NSFAS funding, or to be placed in a campus residence.

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG



INVEST IN YOUR FUTURE SUCCESS

A part-time degree is an investment in yourself and your success in life. Your earning capacity rises significantly as a graduate; you add value to the economy and your employer's business. Best of all: part-time study offers flexibility for full-time working professionals. No need to let your full-time job keep you from further study to advance yourself!

APPLY NOW to study a part-time degree:

- General BA
- General BCom and BA
- BA for the World of Work: one BA and one BCom Major
- BCom or BA with Law as second major
- BSc Engineering (all professional disciplines)
- Honours in Psychology
- Postgraduate Certificate in Education (PGCE)

Courses from these programmes are also available for non-degree purposes.

Note: In general, the minimum requirements for the part-time degrees are the same as those for full-time options

For more information, visit our course finder: wits.ac.za/undergraduate/

APPLY ONLINE

www.wits.ac.za/applications

follow steps 1-5...

01

1. Choose your programme/s

- Apply for a maximum of three programmes. Order of choice does not matter. Wits does not rank applications and a decision for each degree choice will be provided.
- Each choice of degree is considered individually and the outcome of one does not affect the outcome of another.
- If you apply for two programmes within one Faculty, you are advised to apply for one programme in a less restricted Faculty (e.g. Humanities, Commerce or Science).
- Try to keep your options open, especially when applying for programmes in faculties such as Health Sciences or Engineering.
- Additional selection requirements:
  - Some degrees have additional selection requirements such as portfolio and essay submissions, auditions or the National Benchmark Test (NBT).
  - **www.wits.ac.za/undergraduate/apply-to-wits/additional-requirements/**

02

2. Upload supporting documents



Application closing dates

30 JUNE 2026

All Health Sciences programmes

Bachelor of Architectural Studies

Bachelor of Audiology

Bachelor of Speech-Language Pathology

Bachelor of Arts in Film and Television

30 SEPTEMBER 2026

All other programmes

Residence applications

Supporting documents required at the time of your application

CURRENT MATRIC APPLICANTS

Applicants currently in Grade 12 must upload their final Grade 11 report and a copy of their ID/Passport. Hard copies of are not required.

PAST MATRIC APPLICANTS

Applicants who have completed Grade 12 must upload all final Grade 12 results. Applicants who are currently upgrading Matric subjects must indicate which subjects are being upgraded. Only the first Matric upgrade attempt is considered.

APPLICANTS WITH TERTIARY EXPERIENCE

Applicants with tertiary experience must upload an official academic transcript of all tertiary registrations, whether these havebeen completed or not. Academic transcripts must include a statement of good conduct (this refers to good behavioural and financial standing at all previous institutions). Tertiary applicants should apply for first year of study unless applying for one of the graduate programmes. The Faculty of Health Sciences does not consider transferring applicants. Failure to disclose any previous tertiary studies may result in your application being withdrawn.

All documents need to be certified within the last three months. If you are requested to post or courier any documents, please use: Student Enrolment Centre, Private Bag 4, Wits, 2050, or Student Enrolment Centre Braamfontein Campus East, Ground Floor, Solomon Mahlangu House, Jorissen Street, Braamfontein, Johannesburg, 2000.

Note: If you are unable to upload supporting documentation at the point of application, you will be able to do so via the student self-service portal after submission of your application. No emailed documentation will be accepted.

03

3. Pay your application fee

- **R100 application fee for all applicants.**

How to pay Access the self-service portal once you have submitted your application. Click the Campus Finances tile. Select Make a Payment>Application Fee. Or deposit the exact amount into the Wits application fee account:

Bank:	First National Bank FNB	**Account name:**	Wits University - Application Fees
Account type:	Current Account	**Account number:**	63075484302
Branch code:	251905	**Branch name:**	Braamfontein
SWIFT code:	FIRNZAJJ *(for international payments)*		

Use your Temporary ID or Person Number as a reference

You can also pay via EFT, the credit card option on the self-service portal, or through a direct deposit at the bank.

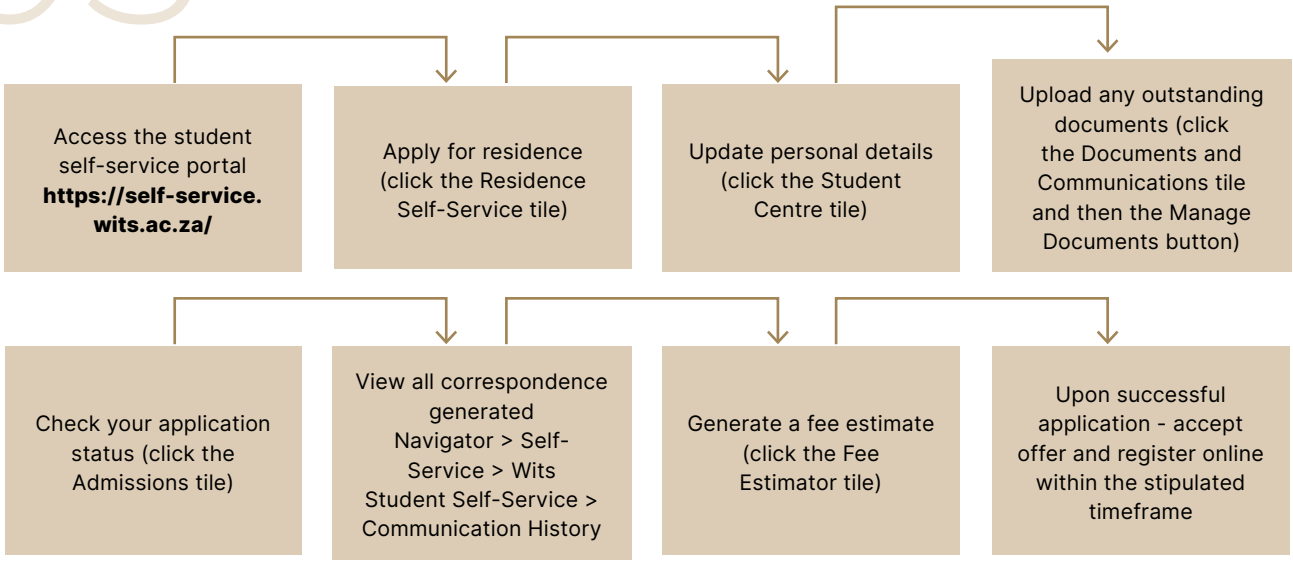
04

4. Submit your application

You will receive an email from the University acknowledging receipt of your application. The acknowledgment email will contain a person number (which will become your student number). You will also be assigned an Admissions Consultant whom you may contact for application related queries. Further communication will include various instructions depending on your study choices (e.g. write the NBT, attend an interview, or submit outstanding documents).

05

5. Access the self-service portal



Note:

- Certain programmes have additional selection criteria, e.g. **NBT/audition/portfolio.**
- Applicants currently writing matric may be made a provisional offer depending on self-reported Grade 11 results.
- Firm offers can only be confirmed after the release of the final matric results.
- Successful applicants will receive communication offering a firm place, and information about registration and orientation programme.
- You are required to respond to the offer and register within the specified time frame so as not to forfeit your offer.
- Places are limited, therefore you may only accept one offer.
- Meeting the minimum admission requirements does not guarantee a place for any applicant.

Wits is a Demographically Diverse University

INTERNATIONAL STUDENTS OFFICE

The International Students Office (ISO) plays a crucial role in supporting the University's international students and partners. Our team is dedicated to assisting you throughout your academic journey, from pre-arrival to graduation. Some of the key services we offer include:

1. **Visa Support:** We provide guidance on visa requirements
2. **Matriculation Exemption:** we provide support to apply for the Matriculation Exemption for first-time undergraduate students with foreign matric.
3. **Orientation and Integration:** We organise orientation programs for international students, helping you navigate life at Wits and in South Africa. This includes student support orientation, cultural integration, and practical advice on living in Johannesburg.
4. **Student Support:** Our office provides ongoing support to international students, offering guidance on immigration issues, and cultural adjustment.
5. **Cultural Exchange & Events:** Wits is home to a diverse community, and we together with the International Students Sub-Council (ISSC) organise events to celebrate this richness, including cultural festivals, international student meetups, and networking events.
6. **Study Abroad & Exchange Programs:** For students interested in studying abroad or participating in exchange programs, we provide the necessary information, advice, and facilitate partnerships with global universities.

At Wits, we are committed to creating a welcoming, supportive, and enriching environment for all our international students. The International Students Office is here to ensure that your time at Wits is not only academically rewarding but also an experience that shapes your personal growth. We look forward to seeing you on campus and assisting you in making the most of your international student journey.

Internationalisation is one of the core pillars of Wits University's strategic objectives. Internationalisation at Wits is an innovative way to enhance the diverse, cosmopolitan, and inclusive environment on campus.

International students are integrated into the broader university community through the academic programme and social activities. At Wits University the international undergraduate body is personified by students from the SADC Region | Africa | Asia | Europe and the Americas.

The **International Students Sub-Council (ISSC)** is the official body that represents the broad interests of all students who are recognised and categorised within the University as international or foreign.

The ISSC works closely with different stakeholders to facilitate extra-curricular activities that promote cultural and social integration and cohesion in the broader University community. The ISSC also acts as an intermediary between the student governance structures including the Students Representative Council (SRC).

ISO contact details: **T**: +27 (0)11 717 1054 | **E**: studysa.international@wits.ac.za
For more information visit: www.wits.ac.za/internationalstudents/

INTERNATIONAL QUALIFICATIONS

Additional information

The Higher Education Act (101 of 1997) gives the University the autonomy to determine its admissions policy and the entry requirements for admission into all programmes.

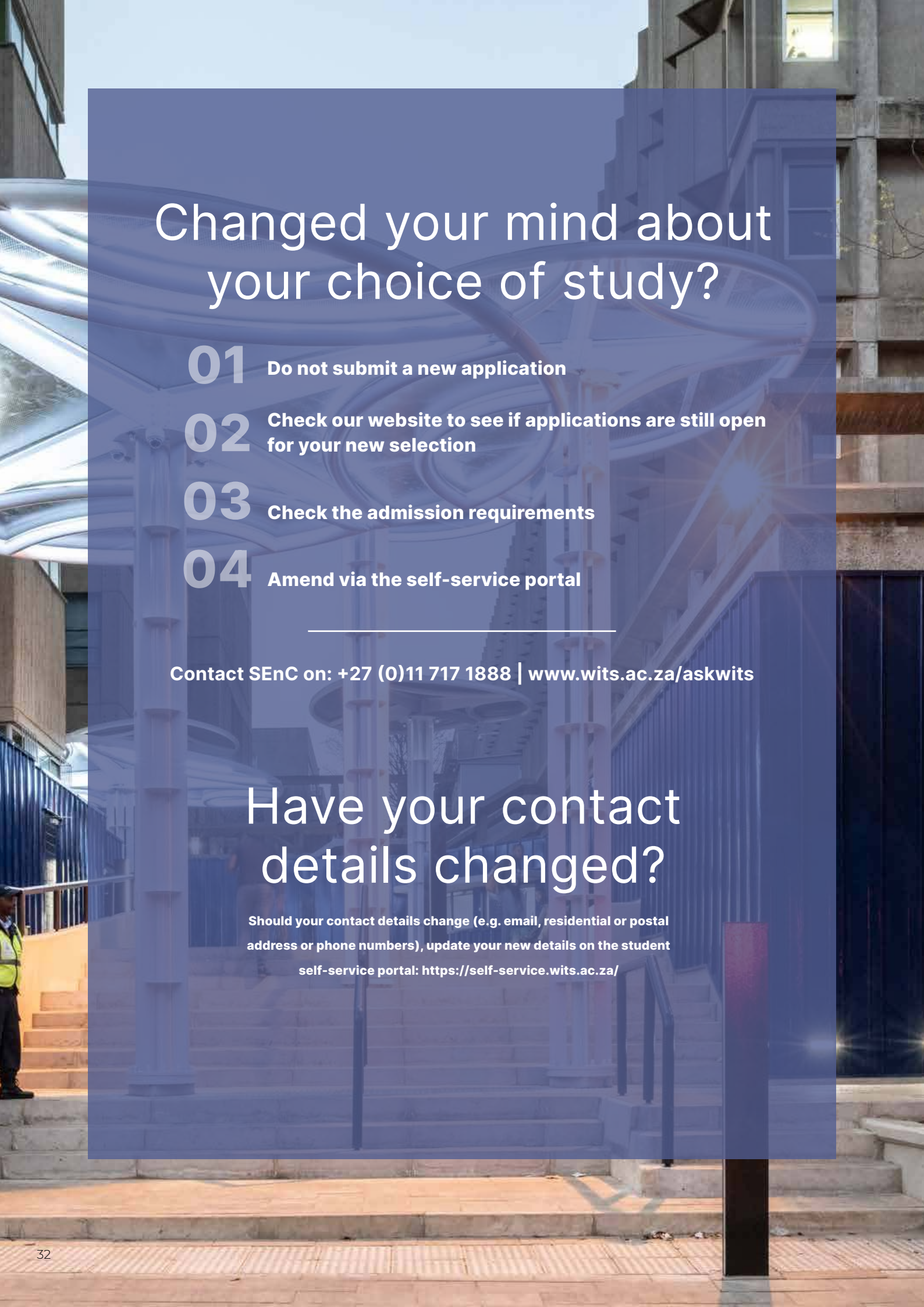
Not all curricular are suitable for consideration into degree studies at Wits University. Whilst Universities South Africa (USAf) may issue a Certificate of Exemption, it is made clear that meeting the exemption requirement does not guarantee meeting the minimum faculty entry requirements of a Higher Education Institution.

Additionally, the University does not consider the outcome of assessments (e.g. SATs, NBTs, etc.) on their own for admission to the University. The admission criteria take into consideration the combination of curriculum, pedagogy and assessment standards. As with all foreign qualifications, any curriculum developments (brought to the University's attention) are scrutinised by the academics in the faculties – and admissions criteria adjusted on the basis of this. Any advice provided to applicants at a given point in time is subject to change and admission to the University is not guaranteed for any applicant.

Applicants completing international qualifications are required to submit certified copies of all secondary school leaving results, as well as academic transcripts of all tertiary studies, whether these have been completed or not. Additionally, the syllabus for certain subjects, e.g. Mathematics and Physics may be necessary for consideration into a programme.

Applicants who have completed qualifications in a language other than English are required to submit copies of all original language documents, as well as sworn copies thereof translated into English. These applicants are also required to write the International English Language Testing System (IELTS) test.





Changed your mind about your choice of study?

01 **Do not submit a new application**

02 **Check our website to see if applications are still open for your new selection**

03 **Check the admission requirements**

04 **Amend via the self-service portal**

Contact SEnC on: +27 (0)11 717 1888 | www.wits.ac.za/askwits

Have your contact details changed?

Should your contact details change (e.g. email, residential or postal address or phone numbers), update your new details on the student self-service portal: https://self-service.wits.ac.za/

Fees, Scholarships, and Bursaries

All fees are due by 30 June 2027

E info.finaid@wits.ac.za | **T** 011 717 1566 **or** 011 717 1582

Average tuition fees

NOTE: *At the time of going to print, the tuition fees for 2027 were not available. These are the approximate tuition fees for the first year of study in 2026. Fees may increase by approximately 5% or more. Tuition fees are guided by DHET recommendations, although the University Council makes the final decision.* ***Please note*** *that the fees listed are for South African citizens only.*

South African citizens will be expected to make a first fee payment prior to, or during enrolment, before being permitted to enrol at the University. Applicants will be informed of this in writing. This amount is offset against the fee account. The balance is to be paid by the end of June.

International applicants pay fees at the beginning of the year. All International applicants must pay 75% of the tuition fees and related costs at the time of registration. **The balance is to be paid by the end of June.**

Commerce, Law and Management

Programmes	Fees
Bachelor of Accounting Science (BAccSc)	R64 730
Bachelor of Commerce (BCom)	R57 800 - R78 220
Bachelor of Economic Science (BEconSc)	R60 620
Bachelor of Laws (LLB)	R43 970 - R76 820

Engineering and the Built Environment

Bachelor of Architectural Studies (BAS)	R71 700
Bachelor of Engineering Science (Biomedical Engineering) (BEngSc(BME))	R70 050
Bachelor of Engineering Science (Digital Arts) (BEngSc(DA))	R62 670
Bachelor of Science (Engineering) (BSc(Eng)) depending on branch	R65 755
Bachelor of Science (Construction Studies) BSc(CS)	R90 660
Bachelor of Science (Property Studies) BSc(PS)	R74 650
Bachelor of Science (Urban and Regional Planning) (BSc(URP))	R71 740

Health Sciences

Bachelor of Clinical Medical Practice (BCMP)	R67 660
Bachelor of Dental Science (BDS)	R77 750
Bachelor of Health Sciences (BHSc)	R75 730
Bachelor of Nursing (BNurs)	R57 930
Bachelor of Pharmacy (BPharm)	R56 480
Bachelor of Oral Health Sciences (BOHSc)	R57 580
Bachelor of Science (Occupational Therapy) (BSc(OT))	R67 800
Bachelor of Science (Physiotherapy) (BSc(Physio))	R66 650
Bachelor of Medicine and Bachelor of Surgery (MBBCh)	R77 700

Humanities

Bachelor of Arts (BA)	R51 950 - R65 100
Bachelor of Arts (Digital Arts)	R56 360
Bachelor of Arts (Theatre and Performance)(BA TAP)	R56 360
Bachelor of Arts (Film and TV (BAFT))	R57 320
Bachelor of Arts (Fine Arts (BAFA))	R90 660
Bachelor of Music (BMus)	R57 520
Bachelor of Education (BEd)	R47 220 - R52 000
Bachelor of Speech-Language Pathology	R64 390
Bachelor of Audiology	R64 390
Bachelor of Social Work	R62 460

Science

Bachelor of Science (BSc)	R47 770 - R74 080

Paying for your studies

When it comes to paying fees, there are various options open to you:

1. SELF-FUNDING

You can work before you study, to raise tuition fees. Another option is to work part-time while you study. But don't over-extend yourself and fail your courses as a result.

2. PARENTS/GUARDIAN/RELIGIOUS GROUPS

Your parents or guardian may be able to help you with funding, or their employers may offer student bursaries. Many church groups and other religious organisations also offer bursaries to their members. Make enquiries early, to find out what's available to you.

3. A BANK LOAN

Most major banks offer student loans at attractive interest rates. Bank loans usually cover the duration of study and must be repaid once you start working – or once you have graduated. Some banks offer a grace period to students who are completing internships, articles, or community service. Sometimes surety/security is required, which means that a relative, friend or sponsor must guarantee to repay the loan if you fail to do so.

Visit a few local banks to find out what products they offer to students like you.

4. NATIONAL STUDENT FINANCIAL AID SCHEME (NSFAS)

The National Student Financial Aid Scheme (NSFAS) is a South African government student bursary scheme which provides funding for undergraduate students. For more information about the eligibility requirements for the loan scheme, and to apply, visit the NSFAS website - **www.nsfas.org.za**

The criteria may differ as per the NSFAS policy guideline on an annual basis. The relevant and updated rules are available on the NSFAS website when applying for the fund.

Students who apply and qualify for this bursary will have to sign a contract with NSFAS. The NSFAS bursary covers actual cost of tuition, prescribed study materials, allowances and accommodation (these costs may be capped) as per the NSFAS policy guideline.

You'll need to apply for the First Fee Postponement via the self-service portal https://self-service.wits.ac.za to enable registration if a funded status from NSFAS is not confirmed.

Keep in mind additional costs for essentials...

Summary of Student Average Monthly Expenses

Rent	Food	Transport / Parking	Study Material (books and stationery)	Mobile
R6,800	R4,500	R1,800	R3,200	R650

Extras you need to include in your monthly budget...

- **Clothing**
- **Toiletries**
- **Field Trips**
- **Entertainment**
- **Medical**
- **Recreation**
- **Faculty Specific Expenses**

  Especially Health Sciences

Student fees and funding

1. First-time entering undergraduate students

If you've been made a firm offer by Wits University, you must access the student self-service portal to formally accept the offer, complete the Wits student contract, and register as a student within the specified timeframe if you wish to study at Wits. A first fee payment of R9340 is required before you will be able to register. The first fee payment is applicable to South African citizens, Permanent Resident holders, and Refugees.

STUDENTS WHO CANNOT AFFORD THE FIRST FEE PAYMENT

If you find that you can't afford the first fee payment, please access the First Fee Payment option on the self-service portal at **https://self-service.wits.ac.za** and acknowledge that payment can only be made by 30 June 2027, by which time all fees should be settled in full. If you're still unable to pay, you will need to sign an Acknowledgement of Debt (AoD).

There are certain conditions under which you may not need to make the first fee payment. These include students with provisional NSFAS offers or students on full scholarships/ bursaries.



2. International students

DO YOU HAVE A VALID VISA?

- Full-time students: You'll need a Study visa that shows that you will be studying at the University of the Witwatersrand, Johannesburg.
- Part-time students: You'll need a Critical/General Work visa or an Intra-Company or Business visa permitting you to work in South Africa.
- Holders of Refugee Permits, Asylum-Seeker Permits and Diplomatic Visas:
  Please visit the International Students Office website at **www.wits.ac.za/internationalstudents/**

IN GENERAL, HERE'S WHAT YOU WILL NEED TO DO:

- Ensure that you register within the registration timeframe.
- Generate a fees estimation from the student self-service portal:
  https://self-service.wits.ac.za. Course codes can be obtained from the relevant faculty office.
- Pay 75% of the tuition fees and related costs before annual enrolment.
  (The remaining 25% must be paid by 30 June 2027).
- Once payment has been made, submit proof of payment to the Wits Fees Office, which will provide you with a Fees Clearance form.
- **Note:** If you are sponsored, you need to upload your sponsorship letter with your fee estimate on the student self-service portal under the Financial Aid tile. Once the letter is vetted and approved, then the Financial Aid and Scholarships Office (FASO) will clear you.
- Present your passport, relevant visa and proof of current SA medical aid membership to the International Students Office, to obtain clearance to register.



Student scholarships and bursaries

The University's Financial Aid and Scholarships Office (FASO) administers funds on behalf of the University, donors and sponsors. The office also provides information on student funding.

UNIVERSITY ENTRANCE SCHOLARSHIPS

- For Matriculants only.
- Awards are calculated according to the Wits Admission Points Score (APS).
- Scholarships are for a maximum of **six subjects and exclude Life Orientation.**
    - APS of 51+ (100% first year tuition fees)
    - APS 48-50 (R45 000)
    - APS 45-47 (R25 000)
    - APS 43-44 (R20 000)

Conditions:

- No application is necessary as the award is given automatically.
- The scholarship is applicable for the year of registration.
- Students who took a gap year (limited to one year) must submit an affidavit or proof to the Financial Aid and Scholarships Office of what the student did during the gap year.

NB: Students cannot be awarded the Vice-Chancellor's Scholarship, the VC Equality Scholarship or Scholarship at the same time.

SPORTS BURSARIES

Bursary awards are made possible by funding from the University itself and by the generosity of alumni, the business and non-profit communities and past Wits sports achievers. Applications for sports bursaries for the 2027 academic year open on 1 April 2026 and close on 31 August 2026. **Please note** that only online applications will be accepted.

If you have represented your province or South Africa in top-level sport and display the appropriate academic potential, you may be eligible for a Wits Sport Bursary.

Terms and conditions are outlined in the Wits Sport Bursary application form, which can be downloaded from: www.wits.ac.za/sport/sport-bursaries/

Applications must be received by 31 August.

VICE-CHANCELLOR'S SCHOLARSHIP

For the twenty most outstanding matriculants, this scholarship covers the tuition fees of a first undergraduate degree.

The scholarship is renewable for each year of the first undergraduate degree provided that academic performance is of a high standard. The award is automatically offered after registration. No application is required.

Criteria: Subjects are ranked as below:

- English
- Mathematics
- Physical Sciences, and
- the next best three designated subjects are taken into consideration.

NB: Students are chosen on the first submission of the matric results obtained from the Department of Education. No subject remarks are considered for this scholarship. Students cannot be awarded the Vice-Chancellor's Scholarship, the Entrance Scholarship at the same time.

NATIONAL OLYMPIAD WINNERS

Applies to Mathematics and English Olympiad writers only:

- R50 000 for winners
- R10 000 for top 5 runners-up

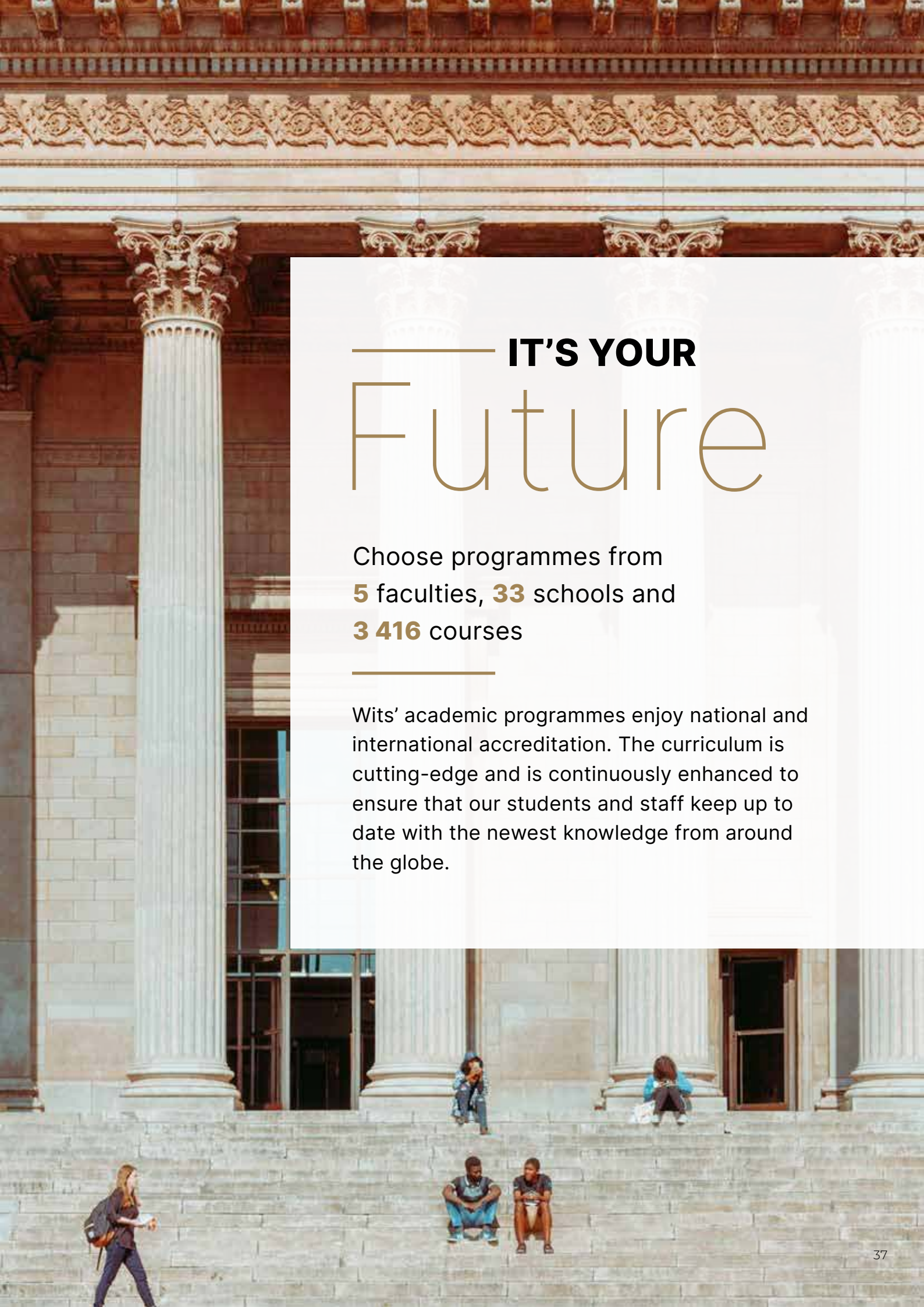
Students must provide the Financial Aid and Scholarships Office (FASO) with a certified copy of their Olympiad certificate.

FOREIGN RESULTS

Students who have completed a foreign school-leaving qualification such as the Cambridge International Examinations (CIE) AS/A Levels, International Baccalaureate (IB), or German Abitur, may be eligible to receive a scholarship for the number of A and/or B symbols achieved on a sliding scale ranging from R5 250 to a maximum of R45 000.

IMPORTANT:

If a student receives an external bursary that is more than the maximum allocation of R205 000, regardless of the source, the student will be required to return sponsorship funding. This is to enable the University to assist other Wits students. **Please also note** that all Wits awards will be cancelled and forfeited if a student deregisters.



IT'S YOUR

Future

Choose programmes from
5 faculties, **33** schools and
3 416 courses

Wits' academic programmes enjoy national and international accreditation. The curriculum is cutting-edge and is continuously enhanced to ensure that our students and staff keep up to date with the newest knowledge from around the globe.

5 Faculties

Commerce, Law and Management



The Faculty of Commerce, Law and Management (CLM) offers world-class educational programmes that equip future leaders with business, management and legal skills, while supporting your professional development.

We offer a wide range of undergraduate qualifications through the:

- School of Business Sciences
- The Wits Margo Steele School of Accountancy
- School of Economics and Finance
- School of Law

Our programmes include the Bachelor of Commerce (BCom) with flexible major combinations and more specialised degrees, and fields of study like:

- Bachelor of Commerce (in the field of Accounting)
- Bachelor of Commerce (in the field of Information Systems)
- Bachelor of Commerce (in the fields of Politics, Philosophy and Economics)
- Bachelor of Commerce (in the field of Financial Sciences)
- Bachelor of Commerce (in the field of Law)
- Bachelor of Laws (LLB):
  - Two-year stream
  - Three-year stream
  - Four-year stream
- Bachelor of Accounting Science (Chartered Accountant (CA) stream)
- Bachelor of Economic Science

Engineering and the Built Environment



Degrees offered through the Faculty of Engineering and the Built Environment address South Africa's social, spatial and infrastructural needs and include architecture, urban and regional planning, property studies and construction studies.

This Faculty comprises seven Schools:

- Chemical and Metallurgical Engineering
- Civil and Environmental Engineering
- Electrical and Information Engineering
- Mechanical, Industrial and Aeronautical Engineering
- Mining Engineering
- Architecture and Planning
- Construction Economics and Management

We offer a range of undergraduate programmes, including:

- Engineering, in a range of fields
- Biomedical Engineering (within Electrical Engineering)
- Digital Arts (within Electrical and Information Engineering)
- Architecture
- Urban and Regional Planning
- Construction Studies
- Property Studies

All admission criteria, as well as curricular are subject to change.

Health Sciences

www.wits.ac.za/health/


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The Faculty of Health Sciences pioneers African and global research that improves and saves lives.

- Bachelor of Health Sciences
  - Biokinetics
  - Biomedical Sciences
  - Health Systems Sciences

Degrees also offered in:

- Clinical Medical Practice
- Dentistry
- Medicine
- Nursing
- Occupational Therapy
- Pharmacy
- Physiotherapy
- Oral Health Sciences (Oral Hygiene)

You will receive academic and practical training at five major hospitals in Johannesburg, at several clinics and rural hospitals in Gauteng and at the Donald Gordon Medical Centre, which also assists clinicians with all aspects of their clinical research. More than 500 students graduate from our faculty every year.

Humanities

www.wits.ac.za/humanities/


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The Faculty of Humanities is among Africa's leading centres of study in the Arts, Social Sciences, Human and Community Development, Education and Literature and Media. Choose between vocationally oriented programmes for specific careers and theory and research-oriented programmes for careers in academia and research institutes, the public and private sectors and non-governmental organisations.

Three schools in the Faculty of Humanities offer professional (vocational) programmes

- **Wits School of Arts (WSoA):**
  Digital Arts; Theatre and Performance; Film and Television; Fine Arts and Music
- **Wits School of Education (WSoE):**
  Foundation Phase Teaching; Intermediate Phase Teaching; Senior Phase and Further Education and Training Teaching
- **School of Human and Community Development (SHCD):**
  Speech-Language Pathology; Audiology; Social Work

Science

www.wits.ac.za/science/


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The Faculty of Science has a long tradition of excellence in teaching and research. Studying science opens doors to careers in fields like research, chemistry and biotechnology.

There are nine Schools in the Faculty, clustered into four groupings:

- **Mathematical Sciences:**
  Actuarial Sciences; Statistics; Computational and Applied Mathematics; Computer Science; Mathematical Sciences
- **Physical Sciences:**
  Physical Sciences; Chemistry with Chemical Engineering; Astronomy and Astrophysics
- **Earth Sciences:**
  Geological Science; Geographical and Archaeological Sciences; Geospatial Science; Environmental Science
- **Biological Sciences:**
  Biodiversity; Ecology and Conservation; Organismal Biology; Applied Bioinformatics; Biochemistry and Cell Biology; Genetics and Developmental Biology; Microbiology and Biotechnology

Faculty of **Commerce, Law** and **Management**

Wits' academic programmes enjoy national and international accreditation. The curriculum is cutting-edge and is continuously enhanced to ensure that our students and staff keep up to date with the newest knowledge from around the globe.

Message from the Dean



Wits gives you the advantage of being in the economic, the political and the technological hub of the country. There is no better place to advance your studies in law, economics, commerce, and accountancy. Being on the doorstep of where the major accounting firms, law firms and business have their headquarters, you will be inspired to make your mark and continue the proud tradition of our influential alumni. Backed by world-class research and high-quality teaching, Wits will prepare you as critical thinkers, as problem solvers capable of putting knowledge into practice, and as individuals who are socially responsible. Being able to study at Wits, a top University on the African continent, will give you power to influence the future of this country, to find solutions to local and global challenges and build a stronger society.

PROFESSOR JASON COHEN

Rankings

The Wits Margo Steele School of Accountancy has a Level 1 accreditation status, the highest level of accreditation awarded by the South African Institute of Chartered Accountants (SAICA).

CHOOSE YOUR PROGRAMME

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How to structure your **BCom Degree**

1st YEAR

compulsory

Economics IA
Economics IB

OR

Economic Theory IA
Economic Theory IB

AND

Accounting I / Business Accounting I

AND

Computational Mathematics

Business Statistics

AND

Fundamentals
of Information Systems

Commercial Law

2nd YEAR

choose your majors

Potential Major
(second year level)

AND

Potential Major
(second year level)

AND

Potential Major
(second year level)

3rd YEAR

choose your majors

Major 1
(third year level)

AND

Major 2
(third year level)

First Things First

The Wits BCom (refer to Page 45) includes compulsory first year courses that build foundational knowledge in Economics, Accounting, Commercial Law, Information Systems and Introductory Mathematics and Business Statistics. These courses prepare you for a career in the commercial and related sectors of any economy.

You can either take them as full-year courses across both semesters of the academic year, or as semester courses in the first or second semesters. In some cases, you must pass one course before proceeding to another.

Two or Three Majors?

The Wits BCom is a double major degree, which means you need to complete at least two full majors. But, in your second year, you can choose courses or modules that lead to three potential majors.

By choosing three majors in your second year, you can start exploring areas of interest in more depth, but make a final decision later.

You must have at least one major from Commerce, Law and Management (CLM); your second major could be from another faculty, like Science or Humanities. However, many students take both majors from disciplines offered within CLM.

Still Deciding? Go General

One of the great benefits of a Wits BCom General degree is that you don't have to commit to your major choices in first year. Even if you choose one of the more specialised BCom fields of study (e.g. BCom in the field of Law or BCom in the field of PPE), you can easily move between degrees if you change your mind later.

From second year onwards, BCom General students select their majors from either:

Economics, Finance, Information Systems, Insurance and Risk Management, Human Resource Management, Marketing and Management;

Courses offered in the The Wits Margo Steele School of Accountancy (i.e. Auditing, Taxation and Management Accounting); or

Selected approved majors from other faculties. (Refer to Pages 42-44)

Faculty officers can advise you on your options at registration or during the year.



Flexible Major Combinations

Create a BCom degree that suits your career

Economics

Do you have a flair for problem-solving, reasoning and analysis? Are you fascinated by how money makes the world go around? A career in Economics might be for you.

WHAT IS ECONOMICS?

Economics is the study of how, where and why money and resources are produced, spent and allocated by governments and businesses and how this affects individuals. When you hear discussions about unemployment, monetary policy, budget deficit and inflation, chances are an economist is involved. Since all businesses, organisations and citizens are affected by local and global economies, every commerce graduate must complete at least one year of study in Economics.

MAJOR COMBINATIONS

- Finance
- Information Systems
- Insurance And Risk Management
- Law
- Management **OR** Politics **OR**
- Philosophy as part of a BCom(PPE)

CAREERS IN ECONOMICS

- Analyst
- Chief Executive Officer
- Chief Investment Officer
- Economic Consultant
- Economist
- Investment Analyst
- Investment Banker
- Journalist
- Manager
- Political Advisor or 'Lobbyist'
- Policy Analyst
- Politician
- Researcher

Finance

Are you analytical and skilled at problem-solving and planning? Are you good with numbers and have you always been money-savvy? Consider a major in Finance.

WHAT IS FINANCE?

Finance is the science of managing money. This involves two broadly related activities:

- The management of money by businesses (corporate finance), government (public finance) and individuals (personal finance); and
- The process of acquiring the funds needed to operate successfully.

Finance is the engine of all economies and stock markets and is central to their success (or failure). Some of the topics you will study include investments, equity and debt, assets and liabilities, credit, mergers and acquisitions, dividend policy, initial public offerings (IPOs) and financial regulations and decision-making.

MAJOR COMBINATIONS

- Economics
- Information Systems
- Insurance and Risk Management
- Law
- Management

CAREERS IN FINANCE

- Chief Executive Officer
- Chief Financial Officer
- Chief Investment Officer
- Financial Advisor
- Financial Journalist
- Financial Risk Manager
- Investment Analyst
- Investment Banker
- Merchant Banker
- Portfolio Manager
- Public Sector Consultant
- Stock Broker

Human Resource Management

Are you a great communicator who relates well to people? Do you have excellent problem-solving-skills, with the ability to 'see both sides'? Studying Human Resource Management may be a great choice for you.

WHAT IS HUMAN RESOURCE MANAGEMENT?

Human Resource Management (HRM) involves managing people within organisations to optimise their performance. HRM studies focus on people-related policies and systems. They are also concerned with change in organisations and industrial relations, such as recruitment, talent management, employee development and motivation and compensation.

MAJOR COMBINATIONS

- Management
- Psychology
- Law
- Information Systems
- Economics
- Marketing

CAREERS IN HUMAN RESOURCE MANAGEMENT

- Consulting
- Human Resource Management
- Industrial Relations Management
- Management
- Negotiations
- Recruitment And Talent Management
- Strategic Planning
- Training And Development

Information Systems

Are you fascinated by the relationship between technology, people, organisations and societies? Are you the first to download and use the latest app? Do you enjoy solving real-world problems? Information Systems might be the career path for you.

WHAT IS INFORMATION SYSTEMS?

Information Systems (IS) enable individuals, organisations and society to gather, store, organise, protect, retrieve, share and analyse information. Though technologies play a vital part in these systems, IS studies also focus on systems design in their entirety. This is how IS differs from information technology (IT) or computer science, which only study the technology components.

IS professionals work in all sectors of the economy, including large organisations.

MAJOR COMBINATIONS

- Finance
- Marketing
- Computer Science
- Management
- Economics
- Law
- Psychology

CAREERS IN INFORMATION SYSTEMS

- Application Developer
- Business Analyst
- Change Manager
- Chief Information Officer
- IT Auditor
- IT Consultant
- Project Manager
- Systems Analyst
- Technology Architect
- UX/UI Designer

Insurance and Risk Management

Does risk management and the probability of disaster fascinate you? Are you analytical and focused, with good attention to detail? A career in insurance and risk management might be for you.

WHAT IS INSURANCE AND RISK MANAGEMENT?

Insurance is how companies and individuals protect themselves against the risk of loss and against loss itself. This may involve property, life, health, or income. Insurance is a form of risk management. Risk management refers to the way in which risks are identified, assessed and prioritised and the means used to minimise, monitor and control the threat posed by unpredictable events.

MAJOR COMBINATIONS

- Economics
- Finance
- Law
- Management

CAREERS IN INSURANCE AND RISK MANAGEMENT

- Appraiser
- Asset Manager
- Claims Adjustor
- Compliance Officer
- Insurance Analyst
- Insurance Broker
- Financial Advisor
- Sales Representative
- Underwriter

Wits offers professional development in this field outside of actuarial science studies. There is a high demand for graduates with insurance and risk management knowledge in senior management positions within this industry



Management

Do you have a flair for planning, organising and teamwork? Are you an effective communicator who can motivate others? Do you see yourself leading a Fortune 500 company, or as South Africa's next successful entrepreneur? If so, consider majoring in Management.

WHAT IS MANAGEMENT?

Management studies how organisations – be they businesses, government bodies, or non-profit organisations – are run and administrated. Topics covered include: leadership and the role of managers; managing individuals, groups and teams; organisational development and behaviour; project management and strategic management; and the theory and practice of entrepreneurship and new venture creation.

Those with an entrepreneurial flair may start their own businesses, or become small business advisors or business onsultants.

MAJOR COMBINATIONS

You can choose from almost any discipline, because many graduates eventually move into leadership positions in their careers.

CAREERS IN MANAGEMENT

- Compliance Manager
- Manager in Public Works and Health
- Manager in Tourism
- Marketing Manager
- Operations Manager
- Project Manager
- Strategic Planning Director
- Training Manager

TOP MANAGEMENT POSTS INCLUDE:

- Chief Executive Officer
- Chief Operating Officer
- Company President
- General Manager
- Managing Director

Marketing

Are you fascinated by trends and why certain brands are more successful than others? Do you ever wonder what makes last season's 'must-haves' suddenly 'so last year'? Would you love to shape the world's consumer desires? Marketing could be your dream career.

WHAT IS MARKETING?

The role of marketing in business is to build brand profiles and persuade people to buy products. Technology, travel, entertainment, services, apps and games - even your favourite musician or sports team - all of these are marketed.

Marketing includes the creation and design of images and products (branding), advertising, demand creation and management, public relations and digital marketing.

MAJOR COMBINATIONS

- Management
- Information Systems
- Psychology
- Finance
- Economics
- Human Resource Management

CAREERS IN MARKETING

- Advertising Manager
- Brand Manager
- Events Manager
- Market Research Manager
- Project Manager
- Promotions Manager
- Public Relations Manager
- Sales Manager

Bachelor of Commerce (General)

Bachelor of Commerce (General)

CBA00
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 38 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 35-37, as well as English Level 5 and Mathematics Level 5, may be wait-listed subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September
**Students who major in one or more of the following courses must take note that they need to pick up extra credits to meet the minimum number of 432 credits to qualify: Accounting III, Management Accounting and Finance III, Taxation III, Auditing III, and Audit and Assurance III.*

Invest in your future with a Wits BCom. Establish a strong knowledge foundation, build your intellectual capital and take the first step towards future-proofing your career.

Associated with one of the highest graduate employment rates in the country, a Wits BCom makes you highly sought-after, both locally and internationally.

Please note that if you intend to major in Accounting in the BCom General degree – an extra minimum of 18 credits needs to be taken to fulfill the minimum credit requirement for the degree.

CAREERS

- Chartered Certified Accountant
- Chartered Financial Analyst
- Internal Auditor
- Management Accountant
- Management Consultant
- Professional Accountant

PROGRAMME OUTLINE

FIRST YEAR

- Business Accounting I
- Computational Mathematics I
- Business Statistics I
- Commercial Law I
- Economics IA (Microeconomics)
- Economics IB (Macroeconomics) **OR**
- Economic Theory IA (Microeconomics for Economists)
- Economic Theory IB (Macroeconomics for Economists)

AND, one of the following:

- Information Systems IA **OR**
- Fundamentals of Information Systems

SECOND YEAR

- Economics and Finance
- Economics and Management
- Finance and Management
- Finance and Insurance and Risk Management
- Insurance and Risk Management and Management
- Marketing and Management
- Marketing and Human Resources Management
- Human Resource Management and Management

THIRD YEAR

- Economics and Finance
- Economics and Management
- Finance and Management
- Finance and Insurance and Risk Management
- Insurance and Risk Management and Management
- Marketing and Management
- Marketing and Human Resources Management
- Human Resource Management and Management



Accounting

Bachelor of Commerce (in the field of Accounting)

CBA14
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 38 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 35-37, as well as English 5 and Mathematics 5, may be wait-listed subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The three-year, full-time BCom (in the field of Accounting) programme includes compulsory and elective courses.

The choice of courses within the BCom (in the field of Accounting) programme allows you to tailor your degree to meet your career aspirations. With this degree, you can become a chartered financial analyst (CFA) in the USA or SA, a professional accountant registered with the South African Institute of Professional Accountants (SAIPA), a management accountant registered with the Chartered Institute of Management Accountants (CIMA), a certified internal auditor (CIA) or a chartered certified accountant registered with the Association of Chartered Certified Accountants (ACCA).

If you want to pursue the ACCA qualification, please refer to the admission requirements for the Postgraduate Diploma in Specialised Accountancy.

CAREERS

- Chartered Certified Accountant
- Chartered Financial Analyst
- Internal Auditor
- Management Accountant
- Management Consultant
- Professional Accountant

PROGRAMME OUTLINE

FIRST YEAR

- Accounting I
- Economics IA (Microeconomics)
- Economics IB (Macroeconomics)
- Commercial Law I
- Computational Mathematics I
- Business Statistics I
- Fundamentals of Information Systems
- Information Systems IA

SECOND YEAR

- Accounting II
- Management Accounting and Finance II
- Taxation II
- Auditing II
- Business Enterprise Law
- Mercantile Law
- Information Systems Data Analytics II

A total of 24 credits must be taken from:

- Human Resources IIA
- Principles of Marketing
- Consumer Behaviour
- Economics IIA

THIRD YEAR

A minimum total of 120 credits must be taken from the following courses-provided that you have satisfied the prerequisite courses. In order to qualify for the Bachelor of Commerce in the field of Accounting it is important to note that Accounting III must be completed.

- Accounting III
- Management Accounting and Finance III
- Taxation IIIB
- Auditing III

OR

- Audit and Assurance III



Accounting Science

Bachelor of Accounting Science

CBA08
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 44 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Waitlisting
Applicants with an APS of 39-43, as well as English Level 6 and Mathematics Level 6, may be wait-listed subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The Bachelor of Accounting Science (BAccSc) degree prepares you for the qualification as a Chartered Accountant. The programme includes four core areas of study: Management Accounting and Finance, Financial Accounting, Auditing and Taxation. You will also take introductory courses in Economics, Commercial Law, Mathematics and Statistics and Accounting Information Systems.

The curriculum is fully compliant with international accounting education requirements, as well as those of the following boards:

- South African Institute of Chartered Accountants (SAICA)
- Public Accountants and Auditors Board (PAAB)
- International Federation of Accountants (IFAC)

Once you've completed your BAccSc, you will need to complete a Higher Diploma in Accounting (HDipAcc), which is a one-year, full-time postgraduate programme. If you successfully complete the HDipAcc, you will be eligible to write the SAICA qualifying exams (otherwise known as Board Exams).

The exams are written in two parts and you will need to complete a three-year training contract in the accountancy profession (Training in Public Practice) or in commerce and industry (Training Outside Public Practice). After writing your first exam, you will need to choose a specialist course in either Financial Management or Auditing. You will then write the second qualifying exam. Once you have successfully completed both exams, you will be eligible to register as a chartered accountant with SAICA.

CAREERS

- Chartered Accountant
- Fund Manager
- Internal Auditor
- Tax Specialist

PROGRAMME OUTLINE

FIRST YEAR

- Accounting Information Systems
- Financial Accounting I
- Economics IA (Microeconomics)
- Economics IB (Macroeconomics)
- Commercial Law I
- Computational Mathematics I
- Business Statistics I

SECOND YEAR

- Financial Accounting II
- Management Accounting and Finance II
- Taxation II
- Auditing II
- Business Enterprise Law
- Mercantile Law
- Information Systems Data Analytics II

THIRD YEAR

- Financial Accounting III
- Management Accounting and Finance III
- Taxation III
- Auditing III



BCom (in the field of Law)

Bachelor of Commerce (in the field of Law)

CBA13
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 35-42, as well as English Level 6 and Mathematics Level 6, may be wait-listed subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

If you are interested in a specific field in business but also want a background in law, the specialised BCom in the field of Law degree is a good option.

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Law
- Law of Persons
- Economics IA (Microeconomics)
- Economics IB (Macroeconomics)

OR

- Economic Theory IA (Microeconomics for Economists)
- Economic Theory IB (Macroeconomics for Economists)

AND

- Computational Mathematics I
- Business Statistics I
- Fundamentals of Information Systems

OR

- Information Systems IA

SECOND YEAR

- Family Law
- Constitutional Law
- Constitutional Law: Bill of Rights

A total of 72 credits must be taken from the following courses: At least 48 credits must make up the second year level of your second major.

- Corporate Finance II
- Investment II
- Principles of Management IIA
- Principles of Management IIB (Entrepreneurship)
- Economics IIA
- Economics IIB
- Consumer Behaviour
- Principles of Marketing
- Integrated Marketing Communications
- Retail Management
- Human Resources IIA
- Human Resources IIB (Labour relations)
- Insurance and Risk Management IIA
- Insurance and Risk Management IIB
- Information Systems IIA
- Information Systems IIB

THIRD YEAR

- Criminal Law
- Delict
- Jurisprudence

A total of 72 credits must be taken from the following courses provided you have done the equivalent in the second year of study:

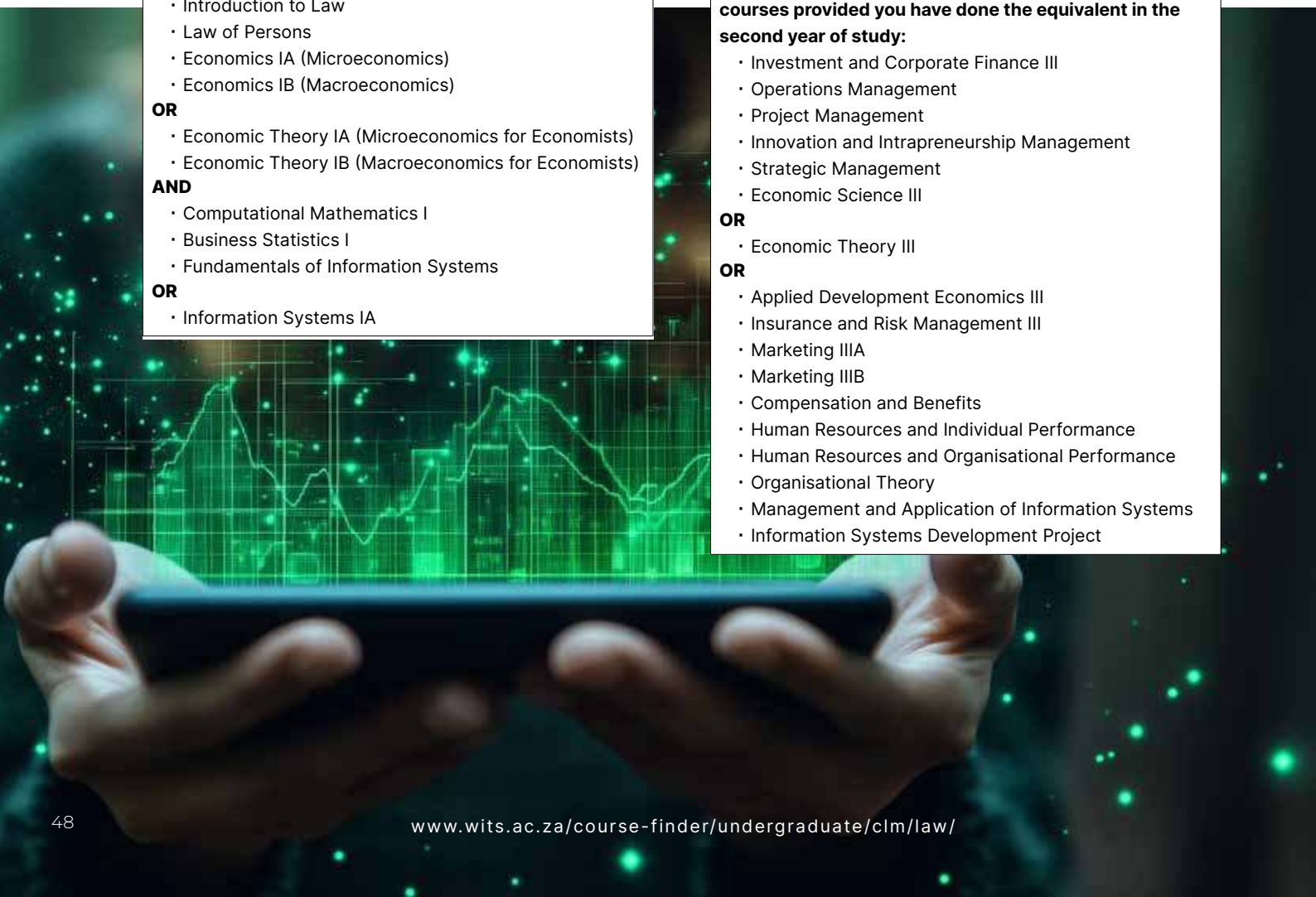
- Investment and Corporate Finance III
- Operations Management
- Project Management
- Innovation and Intrapreneurship Management
- Strategic Management
- Economic Science III

OR

- Economic Theory III

OR

- Applied Development Economics III
- Insurance and Risk Management III
- Marketing IIIA
- Marketing IIIB
- Compensation and Benefits
- Human Resources and Individual Performance
- Human Resources and Organisational Performance
- Organisational Theory
- Management and Application of Information Systems
- Information Systems Development Project



Economic Science

Bachelor of Economic Science

CBA17
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 7
Waitlisting
Applicants with an APS of 39-41, as well as English Level 5 and Mathematics Level 7, may be wait-listed, subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The Bachelor of Economic Science (BEconSc) is a mathematically focused degree with majors in Economics and Mathematical Science.

The BEconSc is a specialist degree that builds strong analytical abilities for graduates wishing to work in fields like economics, or other business and data analytics fields.

You can choose to major in Mathematical Science from, Computational and Applied Mathematics, Investment and Corporate Finance, and Economic Science.

The entrance requirements for the BEconSc degree are higher than those for the BCom. You should only consider it if you have a strong mathematical ability.

CAREERS

- Budget Analyst
- Economist
- Financial Analyst
- Industry Analyst
- Management Consultant
- Policy Analyst

PROGRAMME OUTLINE

FIRST YEAR

- Business Accounting I
- Economic Theory IA (Microeconomics for Economists)
- Economic Theory IB (Macroeconomics for Economists)
- Algebra I
- Calculus I

AND, one of the following groups:

- Mathematical Methods and Modelling I
- Mechanics I
- Scientific Computing I

OR

- Basic Computer Organisation
- Discrete Computational Structures
- Introduction to Algorithms and Programming
- Introduction to Data Structures and Algorithms

Note: *The choice of courses may be limited by the timetable and number of places available for the course. Individual courses may have further admission requirements specified in the relevant School Standing Orders.*

SECOND YEAR

- Economics IIA and IIB

AND

- Basic Analysis II
- Multivariable Calculus
- Abstract Mathematics
- Linear Algebra II
- Transition to Abstract Mathematics II
- Introduction to Mathematical Statistics

AND, one of the following groups:

- Mathematical Methods & Modelling II

AND

- Mechanics II

AND

- Scientific Computing II

OR

- Corporate Finance II

AND

- Investment II

THIRD YEAR

- Microeconomics III
- Macroeconomics III
- Econometrics III
- Mathematical Economics III
- South African Development Issues III
- International Economics III

AND

A total of 72 credits must be taken from one of the following groups, provided that you have done the equivalent in the second year of study and complied with the pre- and co-requisite courses.

- Investment and Corporate Finance III

OR

- Mathematical Methods and Modelling III
- Mechanics III
- Scientific Computing III

OR

- Coding and Cryptography III and
- Coding for Economics and Finance III
- Applied Statistical Machine Learning III

AND

- Applied Multivariate Techniques III

AND

- Applied Stochastic Processes III

AND

- Leontief Systems III

OR

- Financial Mathematics III

Financial Sciences

Bachelor of Commerce (in the field of Financial Sciences)

CBA18
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 7
Waitlisting
Applicants with an APS of 39-41, as well as English Level 5 and Mathematics Level 7, may be wait-listed, subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The BCom (in the field of Financial Sciences) prepares students for the future of finance in the digital age by combining core financial disciplines, such as corporate finance, investments, and economics, with data science, coding, and financial technology (Fintech).

The BCom (in the field of Financial Sciences) enables 1st year students to build strong foundations in mathematics, statistics, and computing. In the second year, students advance to courses in corporate finance, investment, financial modelling, and fintech; and in the third year, they specialise in computational finance, big data analytics, machine learning, and applied statistics. The programme equips graduates with both theoretical knowledge and practical technical skills, enabling them to analyse financial data, build models, and address complex challenges in modern finance.

CAREERS

- Financial Analyst
- Financial Data Scientist
- Financial Technology (Fintech) Specialist
- Blockchain Analyst
- Financial Engineer
- Financial Risk Manager
- Corporate Finance Specialist
- Investment Analyst

PROGRAMME OUTLINE

FIRST YEAR

- Business Accounting 1*
- Economic Theory 1A
- Economic Theory 1B
- Algebra 1
- Calculus 1

AND one of the following groups:

- Mathematical Methods and Modelling 1
- Mechanics 1
- Scientific Computing 1

OR

- Basic Computer Organisation
- Discrete Computational Structures
- Introduction to Algorithms and Programming
- Introduction to Data Structures and Algorithms

Note: *The choice of courses may be limited by the timetable and number of places available for the course. Individual courses may have further admission requirements specified in the relevant School Standing Orders.*

SECOND YEAR

- Corporate Finance II
- Investment II
- Economics IIA
- Economics IIB
- Fintech II
- Financial Modelling II

THIRD YEAR

- Portfolio Theory and Asset Valuation III
- Capital Budgeting III
- Derivative Securities and Portfolio Management III
- International Finance and Capital Structure III
- Coding for Economics and Finance III
- Applied Multivariate Techniques III
- Applied Statistical Machine Learning III
- Computational Finance III
- Big Data Analytics for Finance III



Information Systems

Bachelor of Commerce (in the field of Information Systems)

CBA10
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 38 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 35-37, as well as English Level 5 and Mathematics Level 5, may be wait-listed, subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The pervasiveness of technology in the knowledge economy has resulted in increasing demand for professionals with a unique blend of analytical, technical, business and communication skills.

Information Systems are systems that allow individuals, organisations and societies to gather, store, organise, protect, retrieve, share and make sense of the information in their environments.

In Information Systems, we study what happens when technologies, people, organisations and societies interact. Technology now lies at the heart of a dynamic, information and knowledge-driven world that needs people to point the way, people who "get it". Our analysts solve "real world" problems, using technology to build systems that allow for quicker and smarter responses to changes in dynamic and complex environments.

It is important to note that we focus on the design of end-to-end solutions of which technology may be an element and not only on technology for the sake of technology. This is what differentiates us from other disciplines such as Information Technology (IT), Computer Science and Software Engineering.

CAREERS

The analytical, technical, business and communication skills gained through the BCom with specialisation in IS can lead to a wide range of career choices, including: Business Analyst, Systems Analyst, Consultant, Analyst Programmer, Application Developer, Technology Architect, Database Administrator, UX/UI Designer, IT Auditor, Project Manager, Change Manager, Chief Information Officer. We regularly supply graduates to major professional services and banking organisations, including ABSA, Accenture, BCG, Deloitte, EY, First National Bank, Investec, Nedbank, PWC, Rand Merchant Bank and Standard Bank; technology organisations, including Amazon, Facebook, Google, Oracle and SAP; and telecommunications organisations, including Telkom, MTN and Vodacom. We also have many graduates working internationally.

PROGRAMME OUTLINE

FIRST YEAR

- Information Systems IA and IB
- Accounting I
- Computational Mathematics I
- Business Statistics I
- Economic IA (Microeconomics)
- Economics IB (Macroeconomics)

OR

- Economic Theory IA (Microeconomics for Economists)
- Economics Theory IB (Macroeconomics for Economists)

SECOND YEAR

- Information Systems IIA and IIB

A total of 72 credits must be taken from the following courses. At least 48 of these credits must make up the second year level of your second major. Students who wish to pursue a second major in Computer Science must be aware of the prerequisite requirements for this course.

- Corporate Finance II
- Investment II
- Economics IIA and IIB
- Consumer Behaviour
- Principles of Marketing
- Integrated Marketing Communications
- Retail Management
- Insurance and Risk Management IIA **AND** IIB
- Human Resources IIA
- Human Resources IIB (Labour Relations)

THIRD YEAR

- Management and Application of Information Systems
- Information Systems Development Project

A total of 72 credits must be taken from the following courses:

- Investment and Corporate Finance III
- Economic Science III
- Economic Theory III
- Applied Development Economics III
- Marketing IIIA and IIIB
- Operations Management
- Project Management
- Innovation and Intrapreneurship Management
- Strategic Management
- Insurance and Risk Management III
- Compensation and Benefits
- Human Resource and Individual Performance
- Human Resources and Organisational Performance
- Organisational Theory

Politics, Philosophy and Economics

Bachelor of Commerce (in the field of Politics, Philosophy and Economics)

CBA12
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 38 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 35-37, as well as English Level 5 and Mathematics Level 5, may be wait-listed subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

The BCom (in the field of PPE) specialisation gives you a broad and deep understanding of the world, as well as a wide range of thinking skills required for high-level engagement.

Specialising in PPE gives you an understanding of political, philosophical and economic ideas; the nature of political institutions; political processes and decision-making; how economic systems work; the causes of poverty and wealth; and how to promote development.

In the first year, you will take Economics, Politics and Philosophy, as well as a selection of general BCom first year subjects. From second to third year level, you will continue to major in Economics and either Politics or Philosophy.

You can choose to do a BA(in the field of PPE) or to take Politics or Philosophy as part of a general BCom degree.

CAREERS

- Academia
- Civil Service
- Development
- Diplomatic Corps
- Economics
- International Banking or Finance
- Journalism
- Politics
- Research

PROGRAMME OUTLINE

FIRST YEAR

- Economic Theory IA (Microeconomics for Economists)
- Economic Theory IB (Macroeconomic for Economists)
- Introduction to Ethics
- Introduction to Philosophy: Knowledge and Reality I
- Introduction to Political Studies I
- States, Power and Governance
- Computational Mathematics I
- Business Statistics I

SECOND YEAR

- Economics IIA **AND** IIB
- A student must choose between Politics II and Philosophy II
- History of Philosophy: A Classical and Early Modern Philosophy

AND one of the following:

- Philosophy of Mind and Psychology II
- Philosophy of Religion II
- Philosophy of Science II
- Social and Political Philosophy II
- Theories of Justice II
- Continental Philosophy II
- African Philosophy

OR two of the following:

- Social Theories of Modernity
- South Africa: Politics and Governance
- Black Consciousness Thought and the Politics of Anti-Racism

A total of 48 credits must be taken from:

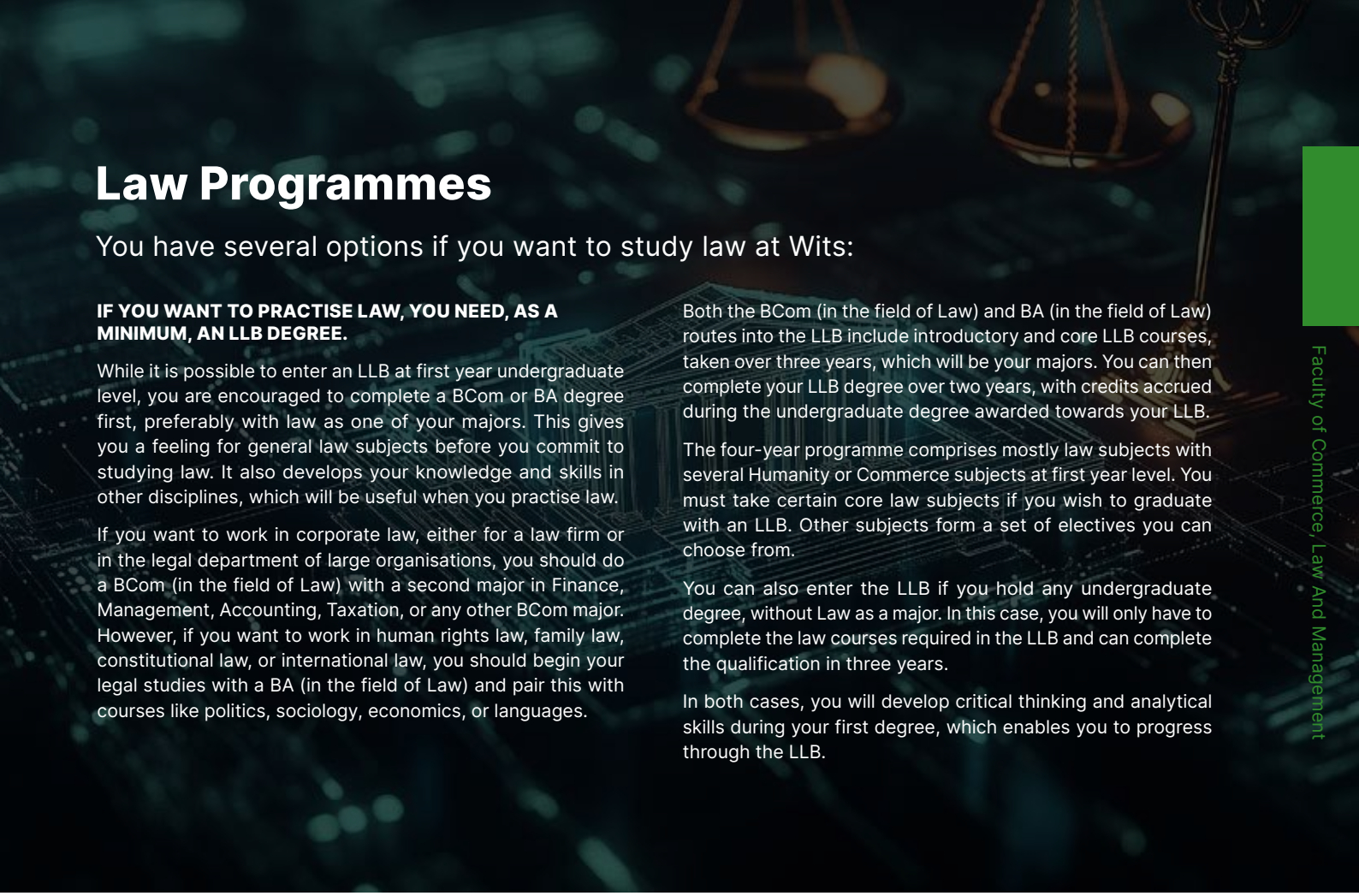
- Corporate Finance II
- Investment II
- Principles of Management IIA
- Principles of Management IIB (Entrepreneurships)
- Insurance and Risk Management IIA
- Insurance and Risk Management IIB
- Human Resources IIA
- Human Resources IIB (Labour Relations)
- Consumer Behaviour
- Principles of Marketing IIA
- Integrated Marketing Communications
- Retail Management

THIRD YEAR

- Economic Science III **OR** Economic Theory III **OR** Applied Development Economics III

A total of 72 credits must be selected from either Politics III or Philosophy III, depending of what was taken in the second the year of study
AND

- Epistemology and Metaphysics III
- Ethics III
- History of Philosophy B: Further Topics in Modern Philosophy III
- Philosophy of Social Science
- Select Movements in 20th Century
- Philosophy III
- A selected topic in Philosophy III
- Senior seminar in Philosophy
- Philosophy of Language III
- Symbolic Logic III
- Philosophy of Art **OR**
- Development: Concepts and Experiences
- Liberty, Justice and the Politics of Difference
- Conflict and Stability in Postcolonial Africa
- Selected topics in Political Studies
- Introduction to Comparative Politics
- Politics for Public Service
- Post-Colonial Politics



Law Programmes

You have several options if you want to study law at Wits:

IF YOU WANT TO PRACTISE LAW, YOU NEED, AS A MINIMUM, AN LLB DEGREE.

While it is possible to enter an LLB at first year undergraduate level, you are encouraged to complete a BCom or BA degree first, preferably with law as one of your majors. This gives you a feeling for general law subjects before you commit to studying law. It also develops your knowledge and skills in other disciplines, which will be useful when you practise law.

If you want to work in corporate law, either for a law firm or in the legal department of large organisations, you should do a BCom (in the field of Law) with a second major in Finance, Management, Accounting, Taxation, or any other BCom major. However, if you want to work in human rights law, family law, constitutional law, or international law, you should begin your legal studies with a BA (in the field of Law) and pair this with courses like politics, sociology, economics, or languages.

Both the BCom (in the field of Law) and BA (in the field of Law) routes into the LLB include introductory and core LLB courses, taken over three years, which will be your majors. You can then complete your LLB degree over two years, with credits accrued during the undergraduate degree awarded towards your LLB.

The four-year programme comprises mostly law subjects with several Humanity or Commerce subjects at first year level. You must take certain core law subjects if you wish to graduate with an LLB. Other subjects form a set of electives you can choose from.

You can also enter the LLB if you hold any undergraduate degree, without Law as a major. In this case, you will only have to complete the law courses required in the LLB and can complete the qualification in three years.

In both cases, you will develop critical thinking and analytical skills during your first degree, which enables you to progress through the LLB.

LLB (two-year stream)

Bachelor of Laws (two-year stream)

LFA12
DURATION: 2 YEARS
NSC REQUIREMENTS
No matric APS calculation.
Waitlisting
Subject to assessment criteria as determined by the School of Law and place availability. Wits students who have completed a BA Law or a BCom Law are eligible to apply for the two-year LLB (year of study 3).
International Qualifications: Page 17
Closing Date: 30 September

CAREERS

Students studying law at Wits can consider many careers both in the legal and related areas, bearing in mind that further study and requirements are necessary for certain roles. Roles might include:

- Advocate
- Arbitrator
- Attorney
- Conveyancer
- Judge
- Legal Advisor
- Legal Practitioner
- Legal, Risk and Compliance Consultant
- Magistrate
- Mediator
- Negotiator
- Professional Counsellor
- Prosecutor

PROGRAMME OUTLINE

THIRD YEAR (FIRST YEAR OF REGISTRATION)

- Law of Succession
- Business Entities
- Contract
- Civil Procedure
- Criminal Procedure
- Ethics and Law: Theory and Practice
- Evidence
- Property
- Public International Law

FOURTH YEAR (SECOND YEAR OF REGISTRATION)

- Practical Legal Studies
- Administrative Law
- Customary Law
- Insolvency
- Labour Law

AND

- Four electives



LLB (three year stream)

Bachelor of Laws (three-year stream)

LFA13
DURATION: 3 YEARS
NSC REQUIREMENTS
No matric APS calculation.
Waitlisting
Subject to assessment criteria as determined by the School of Law and place availability. Applicants who have completed an undergraduate degree at an institution other than Wits are required to apply for the three-year LLB programme (year of study 2). Wits applicants who have completed an undergraduate degree without Law modules are also required to apply for the three-year LLB. Applicants must have obtained an average of at least 65% in an undergraduate degree.
Closing Date: 30 September

CAREERS

Students studying law at Wits can consider many careers both in the legal and related areas, bearing in mind that further study and requirements are necessary for certain roles. Roles might include:

- Advocate
- Arbitrator
- Attorney
- Conveyancer
- Judge
- Legal Advisor
- Legal Practitioner
- Legal, Risk and Compliance Consultant
- Magistrate
- Mediator
- Negotiator
- Professional Counsellor
- Prosecutor

PROGRAMME OUTLINE

SECOND YEAR (FIRST YEAR OF REGISTRATION)

- Law of Persons
- Family Law
- Introduction to Law for Graduates
- Constitutional Law
- Constitutional Law: Bill of Rights
- Criminal Law
- Delict
- Jurisprudence

THIRD YEAR (SECOND YEAR OF REGISTRATION)

- Law of Succession
- Business Entities
- Contract
- Civil Procedure Criminal Procedure
- Ethics and Law: Theory and Practice
- Evidence
- Property
- Public International Law

FOURTH YEAR (THIRD YEAR OF REGISTRATION)

- Practical Legal Studies
- Administrative Law
- Customary Law
- Insolvency
- Labour Law

AND

- Four electives

LLB (four-year stream)

Bachelor of Laws (four-year stream)

LFA14
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 46 +
English Home Language OR Additional First Language Level 6
Mathematics Level 5
Maths Literacy Level 6
Waitlisting
Students who come to Wits immediately after Matric may apply for the four-year LLB.
Applicants with an APS of 40-45, as well as English Level 6 AND Mathematics Level 5 OR Maths Literacy Level 6, may be wait-listed, subject to place availability.
International Qualifications: Page 17
Closing Date: 30 September

Students studying law at Wits can consider many careers both in the legal and related areas.

CAREERS

- Advocate
- Arbitrator
- Attorney
- Conveyancer
- Judge
- Legal Advisor
- Legal Practitioner
- Legal, Risk and Compliance Consultant
- Magistrate
- Mediator
- Negotiator
- Professional Counsellor
- Prosecutor

PROGRAMME OUTLINE

FIRST YEAR

- Law of Persons
- Family Law
- Introduction to Law for LLB students
- Certificate of Competence in Computer Literacy

AND

You must complete one or more courses from any other Faculty in the University, to the value of 36 LLB credits.

SECOND YEAR

- Constitutional Law
- Constitutional Law: Bill of Rights
- Law of Succession
- Criminal Law
- Delict
- Jurisprudence

THIRD YEAR

- Business Entities
- Contract
- Civil Procedure
- Criminal Procedure
- Ethics and Law: Theory and Practice
- Evidence
- Property
- Public International Law

FOURTH YEAR

- Practical Legal Studies
- Administrative Law
- Customary Law
- Insolvency
- Labour Law

AND

- Four electives



Faculty of **Engineering and the Built Environment** (EBE)

At Wits, you will learn to work in a trans-disciplinary world and be trained to create new areas of endeavour, new technologies and new solutions to humanity.

Message from the Acting Dean



Thank you for making us your faculty of choice which is going to be your home away from home for the next few years. As a student-centric faculty we strive to give you the best learning experience. Our academic staff, some of whom are world-renowned experts in their fields, will be there to guide you through your academic journey. Our technical and administrative staff will provide additional support to enable you to grow holistically throughout your undergraduate programme. We have a Common First Year (CFY) engineering programme in which you be learning in cohorts according to your humanities electives, irrespective of your chosen discipline. I invite you to work collectively with us as we create memories together and would like to take this opportunity to wish you all the best for your studies with us!

PROFESSOR CUTHBERT MUSINGWINI

Rankings

Our undergraduate engineering programmes are accredited by ECSA according to internationally benchmarked standards for engineering education and in the built environment space, our undergraduate programmes are accredited to leading international standards by SACPLAN, SACAP, CIOB, RICS, SACQSP, SACPCMP and SACPVP. These accreditations place value on your qualification upon graduation as they provide you with international mobility, especially to countries that are signatories to the accreditation accords.

CHOOSE YOUR PROGRAMME

Schools in the Faculty	57	Mechanical Engineering	66
Chemical Engineering	59	Industrial Engineering	67
Metallurgy and Materials Engineering	60	Aeronautical Engineering	68
Civil Engineering	61	Mining Engineering	69
Electrical Engineering	62	Architectural Studies	70
Information Engineering	63	Urban and Regional Planning	71
Biomedical Engineering	64	Construction Studies (CS)	72
Digital Arts	65	Property Studies (PS)	73



Schools in Engineering and the Built Environment

School of Chemical and Metallurgical Engineering

The School of Chemical and Metallurgical Engineering offers a four-year BSc(Eng) degree in Chemical Engineering as well as Metallurgical and Materials Engineering. The Metallurgical Engineering part of the School was one of the founding departments (together with the Schools of Mining Engineering and Geosciences) of the University when it was first established as the Kimberley School of Mines in 1896.

Chemical Engineering teaching and research commenced at the University shortly after its inception as The University of the Witwatersrand in 1922. Both departments in the School have a long and proud history of producing leaders in the local industry in their various disciplines and providing the local economy with highly skilled and sought after engineers.

CHEMICAL ENGINEERING

The programme focuses on the fundamentals of chemical engineering such as thermodynamics, process and reactor design, preparing you for a wide variety of applications in the chemical industries and related fields even such as environmental engineering.

METALLURGY AND MATERIALS ENGINEERING

A strong foundation is provided and will prepare you for both materials engineering as well as extractive metallurgy, which includes pyrometallurgy and hydrometallurgy.

School of Civil and Environmental Engineering

The School of Civil and Environmental Engineering has, for nearly 100 years, been home to many internationally respected academics and produced graduates who have made tremendous strides in the engineering profession as leaders of industry within South Africa and around the globe. The School remains a steady source of highly skilled professionals for the infrastructural development of the country. The hallmarks of graduates of the School are being excellent professional engineers with profound leadership skills and entrepreneurial acumen and strong ethical values.

The School offers a four-year BSc(Eng) degree in Civil Engineering and postgraduate programmes which enable students to specialise in the disciplines of water, environmental, geotechnical, construction materials and structural engineering and infrastructure engineering and management. With its world-class laboratory facilities and highly skilled academic and professional staff, the School continues to produce cutting-edge scholarly works and train professionals for the industry.

School of Electrical and Information Engineering

The School of Electrical and Information Engineering has extensive research laboratory facilities, including those for machines and drives, electronics, high voltage, lightning and electromechanics (EMC) telecommunications, information engineering, computational electromagnetics and systems and control. Bioinformatics has also been added as a competency. The School is a partner of the Johannesburg Centre for Software Engineering and is involved in a renewable energy research initiative at Masters and PhD levels, with particular focus on wind, solar and smart grids. The School has also incubated two high-tech companies and our staff are active academic research and industrial consultants.

School of Mechanical, Industrial and Aeronautical Engineering

The School of Mechanical, Industrial and Aeronautical Engineering has produced world-class engineers and has been at the forefront of engineering in South Africa for over 100 years. The School produces graduate engineers in three branches:

MECHANICAL ENGINEERING

Mechanical engineers design, develop, construct and use the machines and systems found in all areas of industry.

INDUSTRIAL ENGINEERING

After you have completed two years of study in any engineering stream, you may enter the Industrial Engineering stream in third year.

Industrial engineering (also referred to as business process engineering) studies the systems, processes, technology and people that make up organisations.

You will graduate as an industrial engineer, but with a background in another engineering discipline, such as chemical or electrical engineering.

AERONAUTICAL ENGINEERING

Aeronautical engineers design, develop and modify aircraft components and systems.

They are involved in solving complex problems facing business and humanity using innovative and creative thinking while connecting across multiple disciplines.

School of Mining Engineering

The School of Mining Engineering is one of the world's leading mining engineering schools. The School, in consultation with the South African mining industry, gives you the engineering knowledge that you will need as a practising mining engineer. This includes technical management and evaluation and rock engineering, as well as management skills in evaluation techniques and fundamental mineral economic principles.

School of Architecture and Planning

The School of Architecture and Planning provides an excellent learning environment towards accredited professional degrees in:

- Architecture
- Planning
- Postgraduate qualifications in related fields such as development planning, housing, urban management, urban design, sustainable and energy efficient cities and wider urban studies.

Many of our graduates have become esteemed professionals and leading academics at universities across the globe.

School of Construction Economics and Management

The School of Construction Economics and Management comprises a vibrant community of approximately 700 students and 32 academic and administrative staff. We strive to attract the best students, who will contribute to the development of the national economy and the real estate and construction industry.

The School currently produces South Africa's highest number of graduates in the field of construction economics and management.

It also offers a specialised programme in Property Studies.

Common First Year Programme Across All Professional Disciplines

A common **First Year Programme** was introduced from 2019 across all professional engineering disciplines.

The academic curriculum is regularly modernised in order to ensure that it meets the highest professional and academic standards and that it simultaneously remains locally relevant and applicable.

Many engineering students entering the Engineering programmes have a limited knowledge of the different branches of engineering and only gain the knowledge to make an informed choice of programme during their first year. A first year curriculum that is identical for all programmes allows students to amend their choice at the end of the first year.



Chemical Engineering

Bachelor of Science in Engineering in Chemical Engineering

EFA00
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Design, operate and manage large-scale industrial conversion processes.

Chemical Engineering involves large-scale industrial processes that convert raw materials – by physical or chemical change – into products with higher economic and social value. For example, coal, petroleum, natural gas, vegetation and microorganisms are converted into fuels and chemicals. Chemical engineers are needed in fields such as plastics, oil refinery, explosives, fertilisers, detergents and food.

Chemical engineering plays an important role in society by minimising and controlling the impact of modern industry on the environment, society and businesses.

The curriculum therefore includes courses on environmental engineering, management principles and professional practice and ethics.

Courses such as Chemical Engineering Thermodynamics, Chemical Reactor Theory, Process Control, Solid Fluid Systems, Transport Phenomena, Mass-Transfer Operations and Chemical Plant Design are studied after first year. In final year, you will study elective subjects in advanced chemical engineering topics.

You need a thorough understanding of Mathematics, Physics and Chemistry and must be computer literate.

CAREERS

- Biochemical Engineer
- Environmental Engineer
- Food Processing Engineer
- Process Control Engineer
- Process Design Engineer
- Process Plant Manager
- Systems Engineer
- Technical Sales Engineer

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Computing for Process Engineering
- Engineering Chemistry IIA **AND** IIB
- Process Engineering Fundamentals A **AND** B
- Electrical Engineering
- Mathematics II
- Econimic Concepts 1A

THIRD YEAR

- Chemical Engineering Laboratory
- Numerical Methods
- Environmental Process Engineering
- Momentum and Heat Transport
- Mass Transport and Operations
- Applied Thermodynamics
- Chemical Engineering Thermodynamics
- Chemical Reaction Engineering A **AND** B
- Process Design Principles A **AND** B

FOURTH YEAR

- Management for Process Engineers
- Solid Fluid Systems
- Chemical Engineering Design
- Process Control
- Chemical Engineering Research Project
- Biochemical Engineering and one of the following course combinations:

  a) Extractive Metallurgy
  - Hydrometallurgy
  - Fundamentals of Pyrometallurgy
  - Fundamentals of Mineral Processing

  b) Advanced Chemical Engineering
  - Advanced Chemical Reaction Engineering
  - Waste Water Engineering
  - Synthetic Fuels

Metallurgy and Materials Engineering

Bachelor of Science in Engineering in Metallurgy and Materials Engineering

EFA08
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Design, operate and manage industrial plants that convert minerals and metals into valuable products.

Metallurgy and Materials Engineering involves the engineering principles required to concentrate, extract and refine metals, materials and carbon (coal) materials, as well as to develop new alloys and materials, including ceramics and composites.

Core subjects in Materials Engineering focus on the structure and behaviour of materials and their conversion into usable forms through heat treatment processes such as welding, forming processes and powder metallurgy. As in Chemical Engineering, the Materials Engineering Programme Outline also focuses on the issues of environmental engineering, management and professional ethics.

There is a strong emphasis on design and project work, with the programme culminating in an extensive laboratory project and a large design project. The degree programme provides a sound foundation for future postgraduate study, as well as a career in technical management.

CAREERS

- Corrosion Engineer
- Extractive Metallurgist
- Failure Analysis Consultant
- Foundry Engineer
- Heat Treatment Engineer
- Metallurgical Plant Design Engineer
- Process Control Engineer
- Tribologist Materials Consultant

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Engineering Chemistry IIA
- Introductory Mineralogy and Earth Sciences
- Computing for Process Engineering
- Introduction to Extractive Metallurgy
- Practical Physical Metallurgy
- Practical Extractive Metallurgy
- Materials Science and Engineering
- Process Engineering Fundamentals A
- Economic Concepts IA
- Electrical Engineering
- Mathematics II

THIRD YEAR

- Numerical Methods (Metallurgy)
- Engineering Failure Analysis
- Kinetics and Transport Processes in Metallurgical Engineering
- Solidification, Heat Treatment and Microstructure
- Environmental Process Engineering
- Crystal Structure and Analysis
- Corrosion and Wear
- Non-Ferrous Pyrometallurgy
- Metallurgical Thermodynamics I **AND** II
- Process and Materials Design I **AND** II
- Engineering Statistics

FOURTH YEAR

- Physical Chemistry of Iron and Steel Manufacturing
- Metallurgical Design
- Research Project
- Management for Process Engineers
- Particulate Systems
- Process Control
- Welding and Forming Processes
- Structure and Properties of Engineering Materials
- Hydrometallurgical Processes

Civil Engineering

Bachelor of Science in Engineering in Civil Engineering

EFA01
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Plan, design and manage physical infrastructure.

Civil Engineering is the practice of improving and maintaining the built environment to enhance the quality of life for present and future generations.

Civil engineers primarily plan, design, construct, operate and maintain physical infrastructure, including water and waste management facilities, transportation and communications infrastructure and structures and public buildings. This infrastructure supports people's basic needs, while enabling and driving economic development.

In the first two years of study, students develop competencies in mathematics, natural sciences, computing and complementary studies. In the third and fourth years, students develop competencies in engineering design and synthesis through courses in Geotechnical Engineering, Hydrology, Hydraulics, Transportation Engineering, Structural Engineering and Construction Materials.

CAREERS

- Bridge Engineer
- Earthquake Design Engineer
- Consulting Engineer
- Construction Manager
- Environmental Engineer
- Geotechnical Engineer
- Hydrologist
- Structural Engineer
- Water Resource Manager

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Materials and Structures I **AND** II
- Numerical Methods
- Probability Theory and Mathematical Statistics for Engineers
- Introduction to Environmental Engineering
- Engineering Computing
- Engineering Economics and Infrastructure Planning
- Geology for Civil Engineers
- Mathematics II
- Vacation Work (Civil)
- Engineering Surveying

THIRD YEAR

- Construction Materials I
- Geotechnical Engineering I
- Structural Steel Design
- Reinforced Concrete Design
- Hydrology
- Fluid Mechanics and Hydraulics
- Structural Analysis I **AND** II
- Systems Analysis and Optimisation
- Transportion Engineering
- Practical Training (Civil)

FOURTH YEAR

- Construction Materials II
- Geotechnical Engineering II
- Investigational Project
- Integrated Resource Management
- Hydraulic Engineering
- Structural Engineering
- Civil Engineering Design

Electrical Engineering

Bachelor of Science in Engineering in Electrical Engineering

EFA03
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Design, operate and manage communications, IT, electric power and automation technology.

Electrical Engineering covers a broad range of activities involving the generation and use of electrical energy, including the planning and operation of large stations, computing and information transfer and telecommunication systems. An Information Engineering option is also offered within the programme.

In the first two years, all Electrical Engineering students focus on enhancing their capabilities in mathematics, physics and chemistry. In the third year, you will study Electrical Engineering Science subjects and take more advanced courses in mathematics, such as Electronics, Power Engineering, Electro-magnetic Engineering and Mathematical Methods.

In the third year, you will study five complementary courses, including Engineering Design, Engineering Laboratory and Systems Management. You will also choose three elective courses to specialise in either Electrical or Information Engineering. Engineering Design and Engineering Laboratory are project-based subjects in which you are required to submit a report for examination.

CAREERS

- Antennas Engineering
- Computer Engineer
- Control and Automation Engineer
- High Voltage Engineer
- Machines and Drives Engineer
- Power Engineer
- Power Systems Manager
- Telecommunications Engineer

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** 1B
- Engineering Mathematics IA **AND** 1B
- Engineering Physics IA **AND** 1B
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Data Structures and Algorithms
- Electrical and Magnetic Systems
- Software Development I
- Signals and Systems I
- Microprocessors
- Electronics I
- Electric Circuits
- Mathematics II
- Physics II (Electrical)
- Vacation Work I (Electrical)

THIRD YEAR

At the beginning of the third year, students can choose to continue with Electrical Engineering or register for Information Engineering.

- Electromagnetic Engineering
- Electronics II
- Power Engineering
- Probablistic Systems Analysis
- Software Development II
- Signals and Systems IIA **AND** IIB
- Control I
- Electrical Engineering Design
- Economics of Design
- Mathematical Methods

FOURTH YEAR

- Electrical Engineering Design II
- Electrical Engineering Laboratory
- Measurement Systems
- Selected Topics in Sociology
- Systems Management and Integration

AND, any three courses from the following:

- High Frequency Techniques
- High Voltage Engineering
- Electromechanical Conversion
- Control II
- Renewable Energy
- Data Intensive Computing in Data Science

Information Engineering

Bachelor of Science in Engineering in Information Engineering

EFA03
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Plan, design and manage complex software systems.

The Information Engineering degree focuses on Software Engineering, Telecommunications and Computer Networking.

In the first two years, you will focus on enhancing your capabilities in mathematics, physics and chemistry. At the beginning of the third year you can choose to continue with the Electrical Engineering degree or apply to change to the Information Engineering degree.

In the final year, you will study five complementary courses, including Engineering Design, Engineering Laboratory and Systems Management. You will also choose three elective courses, to specialise in either Electrical or Information Engineering. Engineering Design and Engineering Laboratory are project-based subjects in which you are required to submit a report for examination.

CAREERS

- Computer Engineer
- Information Engineer
- Software Developer
- Software Engineer
- Software Project Manager
- Software Systems Architect
- Network Engineer
- Telecommunications Engineer
- Information Technology Consultant

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Data Structures and Algorithms
- Electrical and Magnetic Systems
- Software Development I
- Signals and Systems I
- Microprocessors
- Electronics I
- Electric Circuits
- Mathematics II
- Physics II (Electrical)
- Vacation Work I (Electrical)

THIRD YEAR

- At the beginning of the third year, students can choose to continue with Electrical Engineering or register for Information Engineering.
- Computational Mathematics
- Electronics II
- Probabilistic Systems Analysis
- Software Development II
- Signals and Systems IIA **AND** IIB
- Data and Information Management
- Control I
- Electrical Engineering Design
- Economics of Design
- Communication Fundamentals

FOURTH YEAR

- Measurement Systems
- Information Engineering Design
- Information Engineering Laboratory
- Selected Topics in Sociology
- Systems Management and Integration

AND, any three courses from the following:

- Software Development III
- Control II
- Network Fundamentals
- Data Intensive Computing in Data Science
- Full Stack Quantum Computing
- Secure Computing

Biomedical Engineering

Bachelor of Engineering Science in Biomedical Engineering

EBA00
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September



Work at the cutting edge of research and development in healthcare systems.

SPECIALISATION

Biomedical Engineering, which falls within the School of Electrical and Information Engineering, applies engineering and other quantitative sciences to solving medical and biological problems. For example, developing sophisticated X-ray imaging systems, artificial organs, image recognition systems and medical devices, and provides a quantitative understanding of disease processes.

The three-year Bachelor of Engineering Science in Biomedical Engineering BEngSc (BME) undergraduate degree combines subjects in science, engineering, medicine and biology, as well as specific Biomedical Engineering courses.

Because this is a pre-professional qualification, you will not be eligible for professional registration with this degree alone. After you graduate, there are various routes you can take to obtain a professional qualification, such as Medicine (MBBCh), BSc(Eng) in Electrical or Information Engineering.

You can apply for admission into the third year of BSc(Eng) in Electrical/Information Engineering. However, the entry requirements for MBBCh are competitive and may vary.

CAREERS

Physicist or Electrical Engineer or Medical Professional working in the development of:

- Artificial organs
- Information Technology for Healthcare
- Medical Imaging System Design (e.g. ultrasound or CT scanning)
- Modelling and simulation of physiological states and disease
- Therapeutic Equipment Design

PROGRAMME OUTLINE

FIRST YEAR

- Introductory Physiology and Environmental Sciences I
- Chemistry I
- Engineering Mathematics IA **AND** IB
- Introductory Molecular and Cell Biology I
- Engineering Physics IA **AND** IB
- Applied Physics I

SECOND YEAR

- Electric and Magnetic Systems
- Software Development I
- Signals and Systems I
- Microprocessors
- Electronics I
- Electric Circuits
- Molecular and Cell Biology
- Mathematics II
- Physics II (Electrical)
- Biomedical Statistics and Numerical Methods

THIRD YEAR

- Anatomy
- Biomedical Transport Phenomena
- Biomedical Measurement, Instrumentation and Imaging
- Signals and Systems IIA
- Biomedical Signals, Systems and Control
- Physiology and Medical Biochemistry I

Digital Arts

Bachelor of Engineering Science in Digital Arts

EBA01
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Work at the cutting edge of software development in gaming.

SPECIALISATION

Digital Arts is a specialised programme combining Electrical Engineering and Digital Arts courses to prepare you for a career in game design and development. The game design programme is a collaboration between the Wits School of Arts and the School of Electrical and Information Engineering.

Once you've completed the BEngSc in Digital Arts, you may continue into the third year of the BSc(Eng) (Electrical) or (Information Engineering) option, or into the Honours course in Digital Arts.

CAREERS

- Animation
- Game Design
- Software Engineer
- Software Development

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics
- Game Design I **AND** II

SECOND YEAR

- Data Structures and Algorithms
- Software Development I
- Microprocessors
- Electronics I
- Electric Circuits
- Mathematics II
- Digital Art Design Project
- Game Creation IIA **AND** IIB

THIRD YEAR

- Electric and Magnetic Systems
- Signals and Systems I
- Professional Practice and Software Development
- Interactive Media
- Game Design IIIA **AND** IIIB



Mechanical Engineering

Bachelor of Science in Engineering in Mechanical Engineering

EFA05
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Design, develop and manufacture machines and component systems.

Mechanical Engineering applies scientific principles to design, develop, construct, install, operate and maintain engines, energy harnessing equipment and machines in all industries.

Mechanical engineers work in the most important sectors of the economy, including manufacturing, mining, power generation and transportation.

CAREERS

- Energy Engineer
- Mechanical Design and Development Engineer
- Manufacturing Engineer Systems Engineer
- Production Engineer
- Technical Marketing Manager
- Transport Engineer



PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I and, one of the following courses:
  - Elementary IsiZulu Language and Culture IA
  - Elementary Sesotho Language and Culture IA
  - The International Relations of South Africa and Africa
  - Introduction to Political Studies
  - Southern Africa in the Era of Globalisation
  - Identity and Society
  - Introduction to Ethics I
  - Introduction to Philosophy: Knowledge and Reality
  - Global Encounters and Contemporary Realities IA

SECOND YEAR

- Electrical Engineering
- Mathematics II
- Mechanical Engineering Laboratory I
- Introduction to Materials Science and Engineering
- Applied Mechanics A **AND** B
- Computing Skills and Software Development
- Engineering Design
- Machine Elements
- Fluid Mechanics
- Engineering Thermodynamics

THIRD YEAR

- Mathematical Methods
- Mechanical Engineering Investigation
- Mechanics of Solids I
- Mechatronics
- Business Management
- Manufacturing Processes
- Mechanical Engineering Design
- Mechanical Vibrations
- Engineering in its Social Context
- Numerical Methods and Statistics
- Incompressible Flows
- Fundamentals of Heat Transfer
- Vacation Work I (Mechanical)

FOURTH YEAR

- Design Project
- Research Project
- Systems Management and Integration
- Mechanics of Solids II
- Mechatronics II
- Compressible Flows
- Energy Conversion and Utilisation Systems
- Engineering Professional Activity
- Vacation Work II (Mechanical)

Industrial Engineering

Bachelor of Science in Engineering in Industrial Engineering

EFA07
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Improve and optimise productivity and quality in manufacturing and service companies.

Industrial Engineering studies the systems, processes, technology and people that make up organisations. Industrial engineers are often involved 'behind the scenes', answering questions like:

How do vehicle manufacturers economically produce hundreds of variations of the same vehicle?

How can South Africa streamline its public healthcare delivery to ensure quality care for all?

How can you safely and quickly send money to your family in another country, if they don't have a bank account?

CAREERS

- Enterprise Resource Planning Consultant
- Inventory Engineer
- IT Consultant
- Logistics Engineer
- Management Consultant
- Production and Operations Manager
- Process Engineer
- Quality Control Engineer
- Supply Chain Consultant
- Technical Manager

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Electrical Engineering
- Mathematics II
- Mechanical Engineering Laboratory I
- Introduction to Materials Science and Engineering
- Applied Mechanics A **AND** B
- Computing Skills and Software Development
- Engineering Design
- Machine Elements
- Fluid Mechanics
- Engineering Thermodynamics

THIRD YEAR

- Industrial Engineering Design
- Industrial Engineering Investigation
- Mechatronics I
- Business Management
- Operations Management: Techniques
- Manufacturing Technology: Processes
- Principles of Organisational Behaviour
- Engineering in its Social Context
- Operations Research
- Numerical Methods andStatistics
- Mathematical Methods (Industrial)
- Vacation Work I (Mechanical)

FOURTH YEAR

- Design Project
- Research Project
- Manufacturing Technology: Systems
- Business Studies
- Systems Management and Integration
- Decision Support and Intelligence Systems
- Operations Management: Systems Integration
- Engineering Professional Activity
- Vacation Work II (Mechancial)

Aeronautical Engineering

Bachelor of Science in Engineering in Aeronautical Engineering

EFA06
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Design, develop and manufacture aerospace vehicles and component systems.

Aeronautical Engineering is concerned with the design, development and modification of the components and systems of all types of flight vehicles, including fixed wing aircraft, helicopters, sailplanes, missiles and non-flying aerodynamic devices.

CAREERS

- Aircraft Design Engineer
- Aircraft Systems Design Engineer
- Airline Manager
- Automotive Aerodynamics Engineer
- Research
- Production Manager
- Propulsion Engineer
- Technical Director

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Electrical Engineering
- Mathematics II
- Mechanical Engineering Laboratory I
- Introduction to Materials Science and Engineering
- Applied Mechanics A
- Computing Skills and Software Development
- Applied Mechanics B
- Engineering Design
- Machine Elements
- Fluid Mechanics
- Engineering Thermodynamics

THIRD YEAR

- Mathematical Methods
- Aeronautical Engineering Investigation
- Aeronautical Engineering Design
- Manufacturing Processes
- Introduction to Aeronautics
- Mechatronics I
- Business Management
- Mechanical Vibrations
- Engineering in its Social Context
- Numerical Methods and Statistics
- Aircraft Structures
- Incompressible Flows
- Vacation Work I (Mechanical)

FOURTH YEAR

- Design Project
- Research Project
- Systems Management and Integration
- Gas Dynamics and Propulsion
- Aerodynamics
- Flight Dynamics
- Aircraft Structures II
- Mechatronics II
- Engineering Professional Activity
- Vacation Work II (Mechanical)

Mining Engineering

Bachelor of Science in Engineering in Mining Engineering

EFA09
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Physical Sciences Level 5
Waitlisting
Applicants with English, Mathematics and Physical Sciences at Level 5 may be wait-listed, subject to place availability. Generally, applicants who achieve Level 6 in English, Mathematics and Physical Sciences stand a greater chance of being accepted.
International Qualifications: Page 19
Closing Date: 30 September

Plan, organise and manage safe and efficient ways to extract raw materials from the earth.

Mining engineers play a key role in the planning, exploitation and excavation of mineral resources.

In the first two years, you will learn the skills, technology and basic sciences common to all areas of engineering, including courses in civil, electrical and mechanical engineering. In the third and fourth years, you will study mining engineering subjects, including courses in mineral resources evaluation, ventilation, environmental engineering, mine and rock mechanics. In the final stage of the programme, you'll complete a mine design exercise in which you'll apply your knowledge to designing a mine and assessing its economic feasibility and profit potential.

The programme will provide you with the engineering expertise you'll need as a mining engineer or mine manager.

CAREERS

- Blasting Engineer
- Consulting Mining Engineer
- Environmental, Safety and Health Manager
- Financial Analyst
- Mine Manager
- Mine Design Engineer
- Mineral Resources Manager
- Project Manager
- Rock Engineer

PROGRAMME OUTLINE

FIRST YEAR

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design IA **AND** IB
- Engineering Mathematics IA **AND** IB
- Engineering Physics IA **AND** IB
- Applied Physics I

AND, one of the following courses:

- Elementary IsiZulu Language and Culture IA
- Elementary Sesotho Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society
- Introduction to Ethics I
- Introduction to Philosophy: Knowledge and Reality
- Global Encounters and Contemporary Realities IA

SECOND YEAR

- Applied Mathematics IIA
- Geology IA **AND** IB
- Mathematics II
- Engineering Services for Mining
- Introduction to Underground and Surface Mining Methods
- Computer Applications in Mining
- Explosives Engineering
- Mechanical Excavation of Rock
- Engineering Surveying
- Digital Technologies and Mine Data Analytics
- Computer Programming for Mining
- Professional Development
- Computer Programming Bootcamp (Mining)
- Practical Workshop Training (Mining)

THIRD YEAR

- Ore Dressing and Extractive Metallurgy
- Ore Body Modelling
- Mine Transportation, Automation and Robotics
- Mineral Resources Evaluation
- Computerised Mine Design
- Rock Mechanics
- Mine Ventilation and Climate Control
- Water, Energy and the Environment
- Mine Surveying and Geospatial Techniques
- Underground Mining Systems
- Surface Mining Systems

FOURTH YEAR

- Mine Management Principles and Entrepreneurship
- Financial Valuation
- Mine Design
- Project Report
- Rock Engineering
- Mining Optimisation Techniques and Systems Engineering
- Health, Safety and Mining Law
- Mine Technical Visits
- Vacation Work I (Mining)

Architectural Studies

Bachelor of Architectural Studies

FBA00
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language Level 4
Mathematics Level 4
Waitlisting
Acceptance depends on departmental selection. Applicants must complete a written and graphic exercise and may be required to attend an interview. Following an interview, applicants with a Wits APS of 30-33 may be accepted on the basis of exceptional scores.

The Bachelor of Architectural Studies (BAS) selection process is conducted by a panel of senior academics from the School of Architecture and Planning, which is monitored by the Assistant Dean. Selection is based on performance in the selection exercise, interview and academics.

Demographic balance is taken into consideration where a choice needs to be made between applicants scoring within the same range.
International Qualifications: Page 19
Closing Date: 30 June

Enhance human lives and experiences through spatial and structural design.

An architectural technologist can draw up buildings, design and supervise the construction of simple buildings or work under the supervision of a professional architect on complex projects. Most commonly, BAS graduates continue studying to become professional architects. The BAS degree offers a good basic training for other design careers (e.g. furniture or stage set design) and can be converted into a Bachelor of Interior or Landscape Architecture degree with the addition of certain specialised courses. It could also be the basis for a non-professional career such as an architectural historian and gives an excellent training in critical thinking.

With a Master of Architecture (Professional) qualification, you can register as a candidate architect. After two years of appropriate experience as a candidate architect, you may write the practice examinations to register as a professional architect.

Wits architecture degrees are accredited by the South African Council for the Architectural Profession, a signatory to the Canberra Accord and validated by the Commonwealth Association of Architects.

CAREERS

- Architect
- Architectural Technologist
- Draughtsperson
- Landscape Designer
- Interior Designer Lecturer
- Researcher
- Urban Planner/Studies

PROGRAMME OUTLINE

FIRST YEAR

- Applied Mathematics
- Architectural Design and Theory I
- Theory and Practice of Construction I
- Histories and Theories of Architecture I
- History and Settlement of Architecture
- Design Representation I
- Digital Applications in Architecture II
- Building Ecology

SECOND YEAR

- Architectural Design and Theory II
- Theory and Practice of Construction II
- Digital Applications in Architecture
- Civil Engineering Theory I
- Introduction to Structures
- Histories and Theories of Architecture II
- Design Representation II

THIRD YEAR

- Small Office Practice
- Architectural Design and Theory III
- Histories and Theories of Architecture III
- Theory and Practice of Construction III
- Civil Engineering Theory II
- Civil Engineering Theory III



Urban and Regional Planning

Bachelor of Science in Urban and Regional Planning

FBA05
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 30-35 may be wait-listed subject to place availability.
International Qualifications: Page 19
Closing Date: 30 September

Sustain the environment and develop economic and social wellbeing.

The Bachelor of Science in Urban and Regional Planning BSc(URP) programme, offered by the School of Architecture and Planning, is concerned with sustaining the environment and developing economic and social wellbeing. In a context of increased technological change, rapid urbanisation, social transformation and a changing natural environment, planning is about efficient and effective space management and places with meaning and quality.

The programme covers a range of fields, including geography, economics, sociology, property studies and mathematics.

Core planning subjects range from the design of urban spaces and principles of place-making in a culturally diverse context, to policies for the planning and management of entire spatial regions. The classes involve mostly small group teaching and expose you to real-life issues during practical field trips.

Planners often work in large companies with property portfolios, like insurance firms and in communities, NGOs and independent consultancies.

If you achieve the minimum requirements at the end of the three-year BSc(URP) programme, you may register for the professional BSc(URP) Honours programme, which enables you to register with the South African Council of Planners (SACPLAN) after you have gained necessary practical experience.

CAREERS

- Built Environment Analyst
- Consulting Damage Assessor
- Development and Corporate Real Estate
- Local, Provincial or National Government Planner
- Policy Analyst
- Property Management

PROGRAMME OUTLINE

FIRST YEAR

- Mathematical Technique for Planners
- History and Settlement of Architecture
- Introduction to Environmental Interpretation
- Introduction to Settlement Form and Design
- Geography for Planners
- Identity and Society I

SECOND YEAR

- Two and three Dimensional Computer-Aided Design and GIS
- Planning for Housing Services, Infrastructure and Transport
- Introduction to Land Management
- Contemporary Design and Environmental Issues in South Africa
- Histories, Theories and Futures of Planning
- Introduction to Environmental Planning
- Introduction to Civil Engineering Infrastructure
- Economic Concepts IA **AND** IB
- Quantitative Methods for Planners

THIRD YEAR

- Comparative Planning Systems
- Integrated Development Planning
- Regional Planning and Local Economic Development
- Development Policy and Processes in South Africa
- Applications in Graphic and Spatial Communication in Planning
- Property Development for Planners
- Local Planning and Urban Design
- The Politics of Planning and Housing



Construction Studies

Bachelor of Science in Construction Studies

FBA04
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 30-35 may be wait-listed subject to place availability.
International Qualifications: Page 19
Closing Date: 30 September

Plan, organise and control construction projects.

The School of Construction Economics and Management offers professionally recognised qualifications in construction management, property studies and quantity surveying.

The three-year Bachelor of Science (BSc) in Construction Studies forms the foundation of these professional fields and gives you insights into how they interact. This will help you decide which professional field to pursue at Honours level.

Construction managers plan, organise and control all aspects of large and complex construction projects. They have highly developed managerial skills and advanced technical knowledge of construction processes. They work in construction companies, insurance organisations, manufacturing organisations and government departments, as property developers and project management consultants.

The BSc in Construction Studies is accredited by the South African Institute of Building; the Chartered Institute of Building, UK (CIOB); the Royal Institution of Chartered Surveyors, UK (RICS); the South African Council of Quantity Surveying Profession; and the South African Council for Project and Construction Management Professions.

CAREERS

- Careers within local Authorities and Government
- Commercial Trading as a Materials or Equipment Supplier
- Construction Management
- Project Management
- Quantity Surveying Practice
- Subcontractor in the Construction Industry

ACCREDITATION

The BSc Construction Studies degree is accredited by both the South African Council for the Quantity Surveying Profession and the South Africa Council for the Project and the Construction Management Professions.

PROGRAMME OUTLINE

FIRST YEAR

- Introductory Statistics for Construction
- Construction Drawings
- Construction Materials and Environment
- Construction Technology I
- Communication Skills
- Quantities and Specifications I
- Commercial Law I
- Mathematics
- Physics

SECOND YEAR

- Introduction to Structures
- Building Science I
- Construction Technology II
- Quantities and Specifications II
- Site Management
- Accounting Principles in Construction
- Civil Engineering Theory I
- Economics IA **AND** IB
- Engineering Surveying
- Practical Experience II

THIRD YEAR

- Professional and Research Skills
- Quantities and Specifications III
- Construction Technology III
- Estimating and Analysis of Prices
- Management Principles in Construction
- Building Science II
- Introduction to Construction Management
- Property Studies
- Civil Engineering Theory II
- Civil Engineering Theory III
- Business Enterprise Law
- Practical Experience III

Property Studies

Bachelor of Science in Property Studies

FBA07
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with an APS of 30-35 may be wait-listed subject to place availability.
International Qualifications: Page 19
Closing Date: 30 September

Provide spaces that sufficiently meet organisational requirements.

Property is a high-demand finite resource that supports economic activity and influences the cost of goods and services. It forms the major asset value in corporate balance sheets, with most corporate debt secured against it. The challenge for the property practitioner is to provide spaces that efficiently meet organisational requirements. This requires a combination of legal, financial and engineering skills.

The three-year Bachelor of Science (BSc) in Property Studies programme provides comprehensive training in most aspects of the property business, including finance, investment, development and valuation. You can also specialise in corporate real estate and facilities management.

You will get a strong understanding of the fundamentals, including introduction to property, business and property, applications of mathematics, statistics, law and planning. You will also receive training in finance, market analysis, investment finance and property valuation, as well as skills training, including oral and written communication, the ability to work in teams, financial statement analysis, valuation and financial modelling.

This gives you the practical experience you need to start working in finance, property asset management, letting and leasing, banking, property development and valuations, in the public and private sectors.

CAREERS

- Banking, Investment and Finance
- Built Environment Analyst Consulting
- Damage Assessor
- Development and Corporate Real Estate
- Policy Analyst Property Management
- Property Valuation

PROGRAMME OUTLINE

FIRST YEAR

- Planning for Property Developers
- Communication Skills
- Real Estate Principles
- Economics IA - Microeconomics
- Economics IB - Macroeconomics
- Commercial Law
- Mathematics for Property Studies
- Business Statistics

SECOND YEAR

- Accounting Principles for Construction
- Econometrics for Property Studies
- Real Estate Market Analysis
- Real Estate Law
- Urban Economics
- Real Estate Corporate Finance
- Building Technology I

THIRD YEAR

- Real Estate Valuation
- Professional and Research Skills
- Real Estate Finance
- Real Estate Management
- Environmental Impact Assessment
- Building Services
- Building Technology II



Faculty of **Health Sciences**

We pride ourselves on a legacy of excellence. Our research impacts directly on improving and saving lives of people every day. Honours Programmes are now available in Public Health and in Clinical Medical Practice.

Message from the Dean



For more than a century, our Faculty has produced some of the world's most pioneering and innovative individuals, clinicians, researchers and healthcare workers who have gone on to shape global health policy and transform the healthcare industry. At Wits, students trained in the Faculty of Health Sciences are equipped with the relevant skills in order to be responsive to the health challenges of South Africa. Our objective is to create an enabling environment that supports students in achieving beyond their professional career goals and ignites a passion for research across all levels of the academy. As a student, you will have the opportunity to leverage from the best teachers globally, in modalities that are adopted in line with international trends. This includes hybridised teaching and learning, an offshoot of the Covid-19 pandemic that has accelerated the focus in the Faculty in terms of how we conduct research and training. Join us at the frontline as we meet the many challenges facing us as a country. Be part of a legacy that makes Wits what it is today, an internationally recognised institution of academic and research excellence.

PROFESSOR SHABIR MADHI

Rankings

The Faculty of Health Sciences is ranked **77th** in the world by the Times Higher Education World subject rankings for clinical, pre-clinical and health subjects.

CHOOSE YOUR PROGRAMME

Applicants must apply for first year of study unless applying for one of the graduate programmes. Transferring applicants are NOT consider by the Faculty.

The Faculty of Health Sciences offers:

The Bachelor of Health Sciences (BHSc), in three fields of study

- Biokinetics 76
  Apply scientifically based physical activity to prevent disease or assist in rehabilitation
- Biomedical Sciences 77
  Study the cells, organs, and system functions of the human body
- Health Systems Sciences 78
  Study public health and the incidence, distribution, and control of diseases

The undergraduate qualification meets the needs of a number of health-related industries, including biotechnology, forensic science, health service and hospital management, health policy and economics, insurance and medical aid, medical science and research, the pharmaceutical industry, and sport and fitness.

Degrees are also offered in:

Clinical Medical Practice 79
Provide treatment, and improve patient care under a doctor's supervision

Dental Science 80
Diagnose, treat, and prevent diseases of the teeth, mouth tissue, and supporting bones of the mouth

Oral Health Sciences 81
Help patients to safeguard their oral hygiene

Medicine and Surgery 82
Surgeons, paediatricians, pathologists, radiologists, and family medicine practitioners start with an MBBCh

Nursing 83
Work with patients, families, communities, and healthcare teams to improve health and quality of life

Occupational Therapy 84
Help patients who are temporarily or permanently impaired by illness, accident, disability, environmental limitations, or developmental delay

Pharmacy 85
Be at the forefront of game-changing medical innovations

Physiotherapy 86
Use health promotion, treatment, rehabilitation, and exercise to prevent disability and restore patients' normal movement and physical function

Health Sciences Compliance 87

HEALTH SCIENCES

Admission Requirements

National Benchmark Tests (NBT)

Only in-person NBT results will be considered. Results from online NBTs will not be considered.

All Faculty of Health Sciences applicants, except those applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), those who are in their final year of a degree and those who have already completed a degree, must write the NBT before being considered for admission.

There are two tests: The Academic and Quantitative Literacy Test and the Mathematics Test. Your test results are used in addition to your Grade 11 results (for early decision-making purposes) and your Grade 12 results (for final decision-making purposes), as well as other admission criteria, to guide applicant selection.

PLEASE NOTE:

- If you score in the 'Basic' range (please refer to the Benchmark Performance Levels table below), you will not be considered for a place in the Health Sciences degrees. For more information on the performance levels, please refer to the NBT website: **www.nbt.ac.za**
- These are standard tests for most medical schools in South Africa. You only have to write the tests once, regardless of the number of schools you apply to.
- The test can be written in English or Afrikaans.

Rules for the NBT

You must register on the NBT website, or via mobile phone, to write the tests. Registration closes about three weeks before each test date. You can register for the NBT before you submit your application to Wits. DO NOT wait for an official notification from Wits to register for and write the tests, because you may miss the August deadline (see below).

- The test fee can be paid once you have registered to write the test.
- The tests must be written by **17 August 2026** for early decision making. Results received for tests written after this date WILL NOT be considered **for early offers**. You are encouraged to write the tests as early as possible.
- For a comprehensive list of test dates, registration dates and available venues, please refer to the NBT website.
- Both tests must be written in one session.
- **ONLY** the first attempt results of the most recent year will be considered for selection purposes. It is advisable not to write the tests more than once in a year.
- NBT results are valid for three years.
- The Faculty of Health Sciences will ONLY accept results for tests which were written in-person, not online.
- Applicants must ensure that their ID number is correct when applying to Wits and registering for the NBT. If not, the University will not receive your results.

Wits Additional Placement Test (WAPT) for GEMP and GEPP Applicants

To calculate the Academic Rating, all contributing components must be finalised (into a tertiary aggregate). If the required documents are not submitted by 17 July, your application will not be considered. This includes (interim) academic transcripts and other pertinent documents.

You will be notified of your eligibility to write the WAPT, scheduled for September. However, applicants need to start preparing well in advance of a notification. Applicants with lower averages will not be invited to the WAPT and their applications will be unsuccessful.

GEMP applicants please note that to be invited to write the WAPT, you must meet the following criteria:

- Currently enrolled final year applicants (minimum Bachelor's or Bachelor of Technology degree level) require an average of at least **70%** in the previous year of study.
- Applicants with a completed undergraduate university degree (at a minimum) require an average of at least **70%** over the final two years of completed studies.

You can find information about the content and nature of each component of the test on the GEMP and GEPP webpages:

www.wits.ac.za/health/gemp
www.wits.ac.za/health/gepp

BENCHMARK PERFORMANCE LEVELS FOR DEGREE STUDIES

Academic Literacy (AL)	**Min**	**Max**
Proficient	71	100
Intermediate	35	70
Basic	0	34
Quantitative Literacy (QL)		
Proficient	70	100
Intermediate	38	69
Basic	0	37
Mathematics (MAT)		
Proficient	69	100
Intermediate	35	68
Basic	0	34



The Bachelor of Health Sciences (BHSc)

The entry-level Bachelor of Health Sciences degree has a scientific and global health emphasis. The undergraduate qualification meets the needs of a number of health-related industries, including biotechnology, forensic science, health service and hospital management, health policy and economics, insurance and medical aid, medical science and research, the pharmaceutical industry and sport and fitness.The Bachelor of Health Sciences offers three fields of study: Biokinetics, Biomedical Sciences and Health Systems Sciences (refer to **Pages 76-78**).

Biokinetics

Bachelor of Health Sciences in the field of Biokinetics

MBA05
DURATION: 3 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 5
Mathematics Level 5
Life Sciences AND/OR Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.
International Qualifications: Page 21
Closing Date: 30 June

Apply scientifically based physical activity to prevent disease or assist in rehabilitation.

Biokinetics gives you the knowledge and skill you need to apply scientifically based physical activity, either to help prevent disease or assist in rehabilitation following the onset of disease.

Biokineticists offer specialised exercise rehabilitation for people with orthopaedic injuries, sports injuries and chronic diseases.

This is an entry-level degree with a strong scientific focus. If you major in Physiology and Exercise Science, you can apply for the Bachelor of Health Sciences with Honours in Biokinetics programme. The BHSc(Hons) degree is offered through the Department of Exercise Science and Sports Medicine. It allows you to pursue studies and professional training as a Biokineticist.

CAREERS

- Biokineticist
- Exercise and Healthcare Scientist/Researcher
- Exercise Physiologist
- Sports Massage Therapist
- Sports Scientist

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences I
- Chemistry (HC)
- Physics (HC)
- Foundations of Public Health and Health Systems Science
- Foundations of Exercise Science
- Introduction to Psychology
- Basic Principles of Group and Individual Psychology
- First Aid
- Computer Literacy

SECOND YEAR

- Human Anatomy
- Exercise Science
- Physiology and Medical Biochemistry

THIRD YEAR

- Physiology
- Exercise Science



Biomedical Sciences

Bachelor of Health Sciences in the field of Biomedical Sciences

MBA05
DURATION: 3 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 5
Mathematics Level 5
Life Sciences AND/OR Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.
International Qualifications: Page 21
Closing Date: 30 June

Study the cells, organs and system functions of the human body.

Biomedical Sciences offers exciting opportunities within the biological sciences such as molecular medicine, physiology, applied anatomy and pharmacology.

In the first two years, students will cover the fundamental topics in biomedical science: Cell Biology, Human Anatomy and Physiology.

Honours degrees are available for many of the major subjects completed within the Bachelor of Health Sciences degree including Forensic Sciences, Human Genetics, Human Biology, Medical Cell Biology and Physiology, Anatomical Pathology, Chemical Pathology, Clinical Microbiology and Infectious Diseases and Immunology.

CAREERS

- Biomedical Scientist
- Forensic Scientist
- Healthcare Scientist
- Medical Sales Representative
- Microbiologist
- Research Scientist
- Science Journalist/Writer

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences
- Chemistry
- Physics
- Health Systems Sciences
- System Dynamics for Health Sciences

SECOND YEAR

- Human Anatomy
- Molecular Medicine
- Physiology and Medical Biochemistry

THIRD YEAR

Two of the following courses:*

- Human Biology
- Medical Cell Biology
- Molecular Medicine
- Pharmacology
- Physiology

**Not all course combinations may be available due to timetable constraints and content overlap.*

Health Systems Sciences

Bachelor of Health Sciences in the field of Health Systems Sciences

MBA05
DURATION: 3 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 5
Mathematics Level 5
Life Sciences AND/OR Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.
International Qualifications: Page 21
Closing Date: 30 June

Study public health and the incidence, distribution and control of diseases.

The Health Systems Sciences degree covers the factors and processes that contribute to disease outbreak and control. It includes a combined Anatomy and Physiology course to help you to understand the underlying principles of health and disease.

You will gain a basic understanding of disease epidemiology, leading into courses dealing with public health, primary health-care and health management and health systems.

You will also gain biostatistics skills to help you to interpret data. These critical skills are in short supply in southern Africa.

An Honours Programme in Public Health is now available.

NEW AND EXCITING CAREER OPPORTUNITIES IN:

- Epidemiology
- Health Systems Management
- Public Health

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences
- Chemistry
- Physics
- Health Systems Sciences
- System Dynamics for Health Sciences

SECOND YEAR

- Applied Anatomy and Physiology
- Health Systems Sciences
- Public Health

THIRD YEAR

- Health Systems Sciences
- Public Health



www.wits.ac.za/course-finder/undergraduate/health/health-systems-sciences/



Clinical Medical Practice

Bachelor of Clinical Medical Practice

MBA01
DURATION: 3 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 4
Mathematics Level 4 **OR Maths Literacy** Level 7
Life Sciences AND/OR Physical Sciences Level 4
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

Note that the Clinical Medical Practice programme is offered to South African citizens only and that completion of the programme is not sufficient for applicants to be considered for admission into the Graduate Entry Medical Programme (GEMP).
International Qualifications: Page 21
Closing Date: 30 June

Practise medicine, provide treatment and improve patient care under a doctor's supervision.

The Clinical Medical Practice programme aims to develop mid-level healthcare workers, called clinical associates. They have the knowledge, attitude and psychomotor skills to assist doctors and healthcare teams in improving patient care and especially in providing treatment in rural and disadvantaged communities. Clinical associates practice medicine in government hospitals and clinics, for NGOs providing care and for the private healthcare sector, under the license of a medical practitioner. They are registered with the Health Professions Council of South Africa.

As a qualified clinical associate, you will:

- Perform patient consultations and physical examinations, including assessment and management of patients in casualty or emergency wards, for all common medical conditions.
- Perform routine procedures under supervision, in hospital wards, emergency departments, outpatient departments and clinics.

You will be taught mainly at district hospitals but also at other hospitals and at the Parktown Health Sciences Campus. The three-year, full-time clinical associate programme aims to develop sound knowledge of the medical and clinical sciences and facilitates understanding of medical conditions and management strategies. You need detailed knowledge of biomedical sciences in areas related to procedural performance.

An Honours Programme in Clinical Medical Practice is now available.

CAREERS

Clinical Associates are mid-level healthcare workers who have the necessary knowledge, attitudes and psychomotor skills to be able to, under the supervision of a doctor, assist health care team members to improve patient care especially in rural and disadvantaged communities.

PROGRAMME OUTLINE

FIRST YEAR
Fundamentals of Medical and Clinical Science
SECOND YEAR
Fundamentals of Clinical Medical Practice
THIRD YEAR
Applied Clinical and Medical Practice

Dental Science

Bachelor of Dental Science

MFA08
DURATION: 5 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 5
Mathematics Level 5
Life Sciences AND Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

All applicants to the Bachelor of Dental Science and the Bachelor of Oral Health Sciences must spend time observing specific procedures as performed by a Dentist/Dental Therapist/Oral Hygienist to gain insight into the profession. Applicants must complete a job shadowing certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted.

Please download the form from: **www.wits.ac.za/undergraduate/apply-to-wits/** under Additional Requirements. Applicants who fail to submit a certificate will not be considered for admission.
International Qualifications: Page 21
Closing Date: 30 June

Diagnose, treat and prevent diseases of the teeth, mouth tissue and supporting bones of the mouth.

Modern dentistry has moved beyond the scope of the 'drilling and filling' of the past.

Today, dentists manage diseases and abnormalities of the face, jaws, joints and soft tissue lining of the mouth. They offer comprehensive care for the entire oral and facial system.

The Bachelor of Dental Science (BDS) is a five-year, full-time programme. Years one to three focus on bioethics, health law and dental sciences. Years four and five focus on understanding the medical, dental, social and community context of dental clinical practice. You will be required to complete one year of community service after graduating. If you are registering for the BDS for the first time, you must register with the Health Professions Council of South Africa (HCPSA).

CAREER

Dentists work in different locations, including in community, industrial, private practice and public service clinics.

PROGRAMME OUTLINE

FIRST YEAR

- Anatomy for Dental Students
- Physiology and Medical Biochemistry
- Bioethics and Health Law
- Fundamental Dental Skills
- Community Dentistry
- Dental Materials for Dental Students

SECOND YEAR

- Pathology (Anatomical and Haematological)
- Oral Biology for Dental Students
- Medical Microbiology
- Oral Microbiology
- Paediatric, Endodontic and Restorative Dentistry
- Prosthodontics

THIRD YEAR

- Oral Pathology
- Pharmacology
- Maxillo-Facial and Oral Radiology II
- Emergency Medicine
- Community Dentistry II
- Prosthodontics II
- Maxillo-Facial and Oral Surgery I
- Paediatric, Endodontic and Restorative Dentistry II
- Orthodontics I
- Periodontology
- Integrated Dentistry I
- Dental Materials for Dental Students II
- Dental Practice Management I

FOURTH YEAR

- General Medicine and Paediatrics for Dental Students
- General Surgery
- Integrated Dentistry II
- Prosthodontics III
- Paediatric, Endodontic and Restorative Dentistry III
- Periodontology and Oral Medicine
- Maxillo-Facial and Oral Radiology II
- Orthodontics II
- Maxillo-Facial and Oral Surgery II
- Community Dentistry III
- Bioethics and Health Law II
- Dental Practice Management II

FIFTH-YEAR

- Anaesthetics
- Community Dentistry IV
- Integrated Dentistry III



Oral Health Sciences

Bachelor of Oral Health Sciences (Oral Hygiene)

MBA04
DURATION: 3 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 4
Mathematics Level 4 **OR Maths Literacy** Level 7
Life Sciences AND/OR Physical Sciences Level 4
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

All applicants to the Bachelor of Dental Science and the Bachelor of Oral Health Sciences must spend time observing specific procedures as performed by a Dentist/Dental Therapist/Oral Hygienist to gain insight into the profession. Applicants must complete a job shadowing certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted. Please download the form from: **www.wits.ac.za/undergraduate/apply-to-wits/additional-requirements/** under Additional Requirements. Applicants who fail to submit a certificate will not be considered for admission.
International Qualifications: Page 19
Closing Date: 30 June

Help patients to safeguard their oral hygiene.

Oral hygienists focus on the prevention of oral disease and the maintenance of good oral hygiene.

The Oral Health Sciences programme aims to address and improve the oral health needs of patients and communities. You will learn how to deliver appropriate oral hygiene services in a wide range of settings, like schools, private practices, academia, research, community health centres, sales and marketing and military health.

Oral hygienists work in the government sector, universities, private surgeries, private companies and research institutions.

Wits is one of few oral health training institutes in South Africa and has a reputation for producing world-class dental professionals. You can also pursue postgraduate studies once you've completed the programme.

CAREERS

Oral Hygienists work in community, industrial, private practice and public service clinics.

PROGRAMME OUTLINE

FIRST YEAR
· Anatomy · Oral Biology and Physiology for Dental Auxiliaries · Fundamentals of Clinical Oral Health · Behavioural and Social Sciences for Dental Auxiliaries · Oral Microbiology for Dental Auxiliaries · Oral Pathology for Dental Auxiliaries
SECOND YEAR
· Integrated Clinical Dentistry for Oral Hygienists · Bioethics for Dental Auxiliaries I · Community Dentistry for Dental Auxiliaries · Fundamentals of Clinical Oral Health I
THIRD YEAR
· Applied Research and Dental Practice Management for Dental Auxiliaries · Bioethics for Dental Auxiliaries II · Community Dentistry for Dental Auxiliaries II · Fundamentals of Clinical Oral Health II

Medicine

Bachelor of Medicine and Bachelor of Surgery

MFA00
DURATION: 6 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 5
Mathematics Level 5
Life Sciences AND/OR Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

Admission into MBBCh:
There are two entry points into the MBBCh:

1. first year, for applicants currently in Grade 12, and
2. third year, for applicants who have completed a relevant degree (GEMP).

No application to second year will be considered. Applicants who are currently studying or who have studied at a tertiary institution are advised to complete their studies and then apply for admission to the GEMP.

Do you already have a degree?
The GEMP offers an entry point into the third year of the MBBCh degree at Wits for suitably qualified graduates who want to become doctors. Years three to six of the MBBCh programme cover integrated multidisciplinary and clinical courses. As each year of study is compulsory, no student may be admitted into the programme after the third year. For more information, visit: **www.wits.ac.za/health/gemp/**
International Qualifications: Page 21
Closing Date: 30 June

Surgeons, paediatricians, pathologists, radiologists and family medicine practitioners start with an MBBCh.

An MBBCh degree opens doors to exciting and challenging careers. In addition, there is a critical need in South Africa's under-served areas for doctors to provide quality preventative, diagnostic and therapeutic services. The country offers modern facilities in both academic and private practice settings, with the opportunity to perform research at many levels.

CAREERS

Areas of Specialisation:

- Anaesthesiology
- Clinical Microbiology and Infectious Disease
- Community Health
- Family Medicine
- Forensic Medicine
- Internal Medicine
- Obstetrics and Gynaecology
- Ophthalmology Pathology
- Paediatrics
- Psychiatry
- Radiology
- Surgery

PROGRAMME OUTLINE

FIRST YEAR
• Integrated Sciences for Medical Students • Foundations of Public Health and Health Systems Science • The Science and Art of Health and Learning • Person, Family and Community I
SECOND YEAR (SUBJECT TO CHANGE)
• Anatomy for Medical Practice: From Conception to Complexity • Molecular Foundations of Health and Disease • Human Physiology: From Cells to Systems • Person, Family and Community II
THIRD YEAR
Integrated Basic Medical and Human Sciences A
FOURTH YEAR
Integrated Basic Medical and Human Sciences B
FIFTH-YEAR
Integrated Clinical Medicine A
SIXTH-YEAR
Integrated Clinical Medicine B



Nursing

Bachelor of Nursing

MFA07
DURATION: 4 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 4
Mathematics Level 4
Life Sciences AND/OR Physical Sciences Level 4
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.
International Qualifications: Page 21
Closing Date: 30 June

Work with patients, families, communities and healthcare teams to improve health and quality of life.

Nursing combines compassion, knowledge and sophisticated health technology to restore, maintain and promote the health of individuals, groups or communities. Nursing is both an art and a science: caring, compassionate relationships blended with the development and application of nursing knowledge, techniques and ethics.

As a Wits nursing student, you will study in a rigorous and vibrant multidisciplinary environment that will stimulate your intellectual inquiry and professional responsiveness. You will learn in small groups and engage in cooperative learning as you work through real-life health scenarios, deciding how to access information that produces the best results in managing health issues.

Nurses practice in a range of settings, including hospitals, community clinics, industry, the military, private practices, homes and in specialised areas such as hospice and rehabilitation and aged care facilities.

Wits offers opportunities for further study in nursing.

CAREERS

- General Nursing
- Child Nursing
- Intensive Care Nursing
- Nursing Education
- Nephrology Nursing
- Oncology and Palliative Nursing
- Psychiatric Nursing
- Research
- Trauma and Emergency Nursing
- Midwife

PROGRAMME OUTLINE

FIRST YEAR
• Introduction to Medical Sciences • Human Behavioural Sciences I • Integrated General Nursing Sciences I • Anatomy for Nursing Sciences I
SECOND YEAR
• Physiology and Medical Biochemistry • Microbiology • Integrated General Nursing Sciences II
THIRD YEAR
• Pharmacology • Midwifery I • Integrated General Nursing Sciences III
FOURTH YEAR
• Midwifery II • Integrated General Nursing Sciences IV

Occupational Therapy

Bachelor of Science in Occupational Therapy

MFA03
DURATION: 4 YEARS
NSC REQUIREMENTS
English Home Language or First Additional Language Level 4
Mathematics Level 4
Life Sciences AND/OR Physical Sciences Level 4
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

All applicants to BSc(Occupational Therapy) must spend time observing a professional occupational therapist and complete a job shadowing certificate of attendance (minimum: 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted.You can download a certificate of attendance form from the Wits website: **www.wits.ac.za/undergraduate/apply-to-wits/additional-requirements/**

Without this certificate, you will not be considered for admission to the programme
International Qualifications: Page 21
Closing Date: 30 June

Help patients who are temporarily or permanently impaired by illness, accident, disability, environmental limitations, or developmental delay, to increase their independent function.

Occupational Therapy is the therapeutic use of self-care, work, education, play, leisure and social activities to increase independent function, enhance development, promote health and well-being and prevent disability. It is indicated when people lose their ability to carry out their everyday activities, due to temporary or permanent illness, disability, environmental limitations and developmental delay.

WHAT DO OCCUPATIONAL THERAPISTS DO?

Occupational therapists assess a person's ability to engage in daily activities. They then engage the person in meaningful and culturally appropriate activities to maximise their functioning and well-being. This engagement empowers the person to be as independent as possible and enhances dignity and quality of life at work, school, at home and during leisure. Intervention may include adapting the person's environment to help them to cope.

Occupational Therapy is practised in a wide range of public, private and voluntary settings, like the person's home, schools, workplaces, health centres, supported accommodation, housing for seniors, rehabilitation centres, hospitals and forensic services.

CAREERS

- Aged Care Facilities
- Community Health Centres
- Home Care Services
- Hospitals and Rehabilitation Units
- Independent Living and Respite Centres
- Private Practice
- Psychiatric Clinics
- Schools and Education Facilities
- Vocational Rehabilitation Centres

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences
- Chemistry I
- Fundamentals of Occupational Science **AND**
- Occupational Therapy I
- Physics I
- Introduction to Psychology I
- Basic Principles of Group and Individual Psychology I
- Human Behavioural Sciences I

SECOND YEAR

- Anatomy for Physiotherapy and Occupational Therapy Students II
- Fundamentals of Occupational Science and Occupational Therapy II
- Physiology **AND** Medical Biochemistry I

THIRD YEAR

- Occupational Therapy III applied to Physical Conditions
- Occupational Therapy III applied to Psychiatric Conditions
- Medicine and Surgery for Occupational Therapy
- Science of Occupation II
- Psychiatry in Relation to Occupational Therapy
- Health Psychology
- Research Design and Analysis

FOURTH YEAR

- Science of Occupation III
- Occupational Therapy as applied to Psychiatric
- Conditions
- Occupational Therapy as applied to Physical
- Conditions

Pharmacy

Bachelor of Pharmacy

MFA04
DURATION: 4 YEARS
NSC REQUIREMENTS
English Home OR First Additional Language Level 5
Mathematics Level 5
Life Sciences and/or Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.
International Qualifications: Page 21
Closing Date: 30 June

Pharmacists screen people for early signs of disease, using advanced methods to provide sound pharmaceutical care. Be at the forefront of game-changing medical innovations.

Pharmacists are experts on the action and use of drugs, including their chemistry, formulation into medicines and how they are used to manage diseases. The profession is dynamic; continually expanding in new directions and offering interdisciplinary professional education and work-based learning opportunities.

Over time, the paradigm has shifted from traditional compounding and dispensing of medicines to a more patient-orientated, research-led professional advisory and primary healthcare role.

Pharmacists screen people for early signs of disease, using advanced methods to provide sound pharmaceutical care. They are also specialists in the formulation, manufacture, storage, dispensing, counselling and controlling of medicines. They provide advice on medications used to treat illnesses and ensure optimal drug therapy.

Clinical pharmacy involves screening patients for chronic diseases and implementing appropriate care and advice to improve patient outcomes. You will learn how to screen for chronic diseases through our Screening and Testing Programme for Pharmacy Students (STEPPS) and in our Clinical Pharmacy programme, which uses state-of-the-art screening equipment.

Pharmaceutical research develops new, safer, more effective medicines. As a Wits Pharmacy graduate, you will be exposed to cutting-edge global research and distinctive research-led pharmacy education from our Wits Advanced Drug Delivery Platform (WADDP) unit, as well as aseptic concepts in Pharmaceutical Microbiology and Natural Products development.

CAREERS

The Pharmacy degree provides training in a wide range of interrelated disciplines and therefore offers a variety of career opportunities to graduates that include:

- Academia and Research
- Community Pharmacy
- Hospital Pharmacy
- Industrial Pharmacy
- Managed Healthcare

Other areas in which Pharmacists are involved:

// Adverse Drug Reaction Monitoring // Clinical Trials // Contract Research // Drug Abuse Counselling // Drug Information Centres // Drug Stewardship // Drug Utilisation Reviews // Intellectual Property of Pharmaceuticals // Medicines Control Council // Pharmacovigilance // Pharmaco-Economics // Professional Regulatory Bodies // Poison Information Centres // Publishing of Pharmaceutical Research

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences I
- Chemistry I
- Physics I
- Pharmaceutical Practice
- Health Systems Sciences I

SECOND YEAR

- Anatomy for Pharmacy Students
- Physiology and Medical Biochemistry I
- Pharmaceutical Chemistry I
- Pharmaceutics I
- Pharmacy Practice I

THIRD YEAR

- Pathology
- Medical Microbiology
- Pharmaceutical Chemistry II
- Clinical Pharmacy II
- Pharmacy Practice II
- Pharmaceutics II
- Pharmacology I

FOURTH YEAR

- Pharmaceutics III
- Pharmaceutical Chemistry III
- Special Undergraduate Research Project
- Clinical Pharmacy III
- Pharmacy Practice III
- Pharmacology II

Physiotherapy

Bachelor of Science in Physiotherapy

MFA02
DURATION: 4 YEARS
NSC REQUIREMENTS
English Home or First Additional Language Level 5
Mathematics Level 5
Life Sciences and/or Physical Sciences Level 5
The Faculty of Health Sciences uses a Composite Index (CI) score to guide applicant selection. This includes:

1. Your matric academic results for five subjects: English, Mathematics, best of Physical Sciences/Life Sciences and the best two other subjects. We consider the percentage achieved, not the symbol. The average of the five subjects carries a 60% weighting.
2. National Benchmark Test (NBT) scores. The average of the NBT scores carries a 40% weighting.

All applicants must write the NBT. Refer to Page 75 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) or the Graduate Entry Physiotherapy Programme (GEPP), as well as applicants who are in their final year of study towards a Bachelor's degree, or who have already completed a Bachelor's degree, are not required to write the NBT.

All applicants to BSc(Physiotherapy) must spend time observing a professional physiotherapist and complete a job shadowing certificate of attendance (minimum: 16 hours). Only observation hours completed between 1 July 2025 and 31 July 2026 will be accepted. You can download a certificate of attendance form from the Wits website, under Additional Requirements: **www.wits.ac.za/undergraduate/apply-to-wits**

Without this certificate, you will not be considered for admission to the programme.

The Graduate Entry Physiotherapy Programme (GEPP) has been introduced to increase the number of physiotherapists in SA. The GEPP allows entry of suitably qualified applicants who meet certain minimum requirements into the second year of the BSc in Physiotherapy degree. This gives these students the opportunity to complete their undergraduate physiotherapy studies in a period of three years after which they enter their government mandated community service period.
International Qualifications: Page 21
Closing Date: 30 June

Uses health promotion, treatment, rehabilitation and exercise to prevent disability and restore patients' normal movement and physical function.

Physiotherapists aim to improve patients' quality of life through skilled evaluation and therapy that reduces their pain and restores movement and physical function. This often restores their ability to perform normal activities. Physiotherapy also aims to maintain patients' mobility, muscle strength and exercise endurance.

With this degree, you can work as part of a multi-disciplinary team in hospitals, clinics, community health centres, private practices, schools for children with disabilities, centres for people living with disabilities and sports centres.

CAREERS

The field of physiotherapy is vast, encompassing seven different areas, namely:

- Cardiopulmonary
- Community Health
- Neuromusculo-skeletal
- Neurology
- Orthopaedic
- Paediatrics
- Sport Physiotherapy (specialised branch of physiotherapy which deals with injuries and health of the sports person)

PROGRAMME OUTLINE

FIRST YEAR

- Introduction to Medical Sciences I
- Chemistry I
- Introduction to Physiotherapy I
- Physics I
- Introduction to Psychology I
- Basic Principles of Group and Individual Psychology I
- Human Behavioural Sciences I

SECOND YEAR

- Anatomy for Physiotherapy and Occupational Therapy students
- Physiotherapy I
- Physiology and Medical Biochemistry

THIRD YEAR

- Pharmacology
- Physiotherapy II
- Rehabilitation I
- Clinical Physiotherapy I
- General Medicine and Surgery
- Research Methodology Part I

FOURTH YEAR

- Management for Therapists
- Physiotherapy III
- Rehabilitation II
- Clinical Physiotherapy II
- Research Methodology Part II



HEALTH SCIENCES
Compliance

Wits University takes seriously the risks that HIV/AIDS poses to our students. Before applying for admission, please be aware that you may be exposed to life-threatening diseases, including HIV/AIDS. While the main route of HIV infection is through unprotected sex, you should be aware that, in the occupational setting, there is an additional risk to students and healthcare professionals. The risk, however, is low (0,36% following a needle stick injury). However, to minimise the risk of occupational acquisition of HIV, you'll receive instruction in "Universal Precautions". When appropriate, instruction on post-exposure prophylaxis will also be provided. If you are HIV +, you may have a low immune system, which makes you vulnerable to certain infectious diseases that you may encounter in your daily activities in hospitals.

A health sciences practitioner without the necessary skills and expertise may endanger the patients he or she treats and infringe on the patient's fundamental human rights. We have identified the minimum training requirements to avoid this and you will have to adhere to a standard of ethical practice that supports an open and trusting relationship between the patient and the health professional.

Certain aspects of clinical practice, like history-taking, patient examination and basic patient care issues must be completed without influence from the individual's belief system. The Faculty of Health Sciences will not condone any personal belief system that prevents, interferes with, or is contrary to these minimum training requirements.

In practice, a number of situations have been noted, in which students' religious beliefs may conflict with programme requirements. These include but are not limited to:

Such objections and failure to comply with programme requirements would interfere

- travelling on certain days, or travelling unaccompanied on certain journeys,
- attending a certain venue for training purposes,
- attending lectures at certain times of day,
- examining patients of both genders,
- acquiring appropriate clinical skills relating to 'Choice on Termination of Pregnancy' (CTOP)/sterilisation procedures,
- complying with certain clothing requirements, e.g. not wearing veils, which might impede or detract from patient care or appropriate training,
- performing certain skills (e.g. scrubbing) in the available facilities,
- being assessed on religious holidays that are not on the University's official list of approved holidays (published and placed on all notice boards at the start of each academic year) and
- being on intake duty on certain days or nights.

with the training offered by the Faculty. The student would therefore fail to meet the requirements for a particular course, as stipulated by a particular school or department. The final decision regarding assessment and whether requirements have been met remains with the school or department concerned.

The following situations are known to conflict with requirements:

- Wearing veils in any department, discipline requiring physical or personal interaction with patients, e.g. Psychiatry, Surgery, Emergency Medicine, etc., or where a specific dress code is required, e.g. Physiotherapy, Nursing, etc.
- Wearing veils in the School of Oral Health Sciences – in this case, students wearing veils will be required to identify themselves at the start of every clinical session and to conform to infection-control clothing protocols.
- Wearing veils in tests or exams – in this case, students wearing veils will need to identify themselves beforehand.

The process is guided by the following principles:

- Meeting the minimum requirements for training, as set by the Faculty; and
- A culture of religious tolerance.

This information has been drawn up and approved by all of the Faculty's Undergraduate Committees and the Teaching and Learning Committee. If you have any questions or concerns, please contact the Office of the Assistant Dean: Teaching and Learning and Undergraduate Affairs.

Statutory bodies:

- All students registering for the first time for the MBBCh, BSc (Occupational Therapy), BSc (Physiotherapy), BDS, BOHSc and BCMP must register with the Health Professions Council of South Africa (HPCSA).
- All new BNurs students must register with the South African Nursing Council.
- All new Pharmacy students must register with the South African Pharmacy Council.

Faculty of **Humanities**

The Faculty boasts renowned international scholars who will be your lecturers during your studies.

Message from the Dean



The Faculty of Humanities at Wits University is a leading, vibrant, dynamic centre of teaching and learning as well as a hub of academic and research excellence on the continent. Here you will be undertaking rigorous theoretical and methodological training which imparts strong research and analytical skills and enables them to adapt, and often define, the constantly changing world of work. Our students learn to think critically – they are problem-posers, problem-solvers, and active social citizens who make a difference in society. The Faculty has a student-centred ethos which simply means that through its Teaching and Learning Unit, it offers student support in a timely manner and ensures that it is relevant to students' needs; helps student develop a strong sense of purpose and assists students to recognise the value of their humanities degree. The creative suite of programmes on offer in the Faculty equips our students to compete globally and to act locally. To this end, the Faculty engages creatively and critically with its location in Johannesburg – South Africa's most globally networked city – taking advantage of its dynamic political, social, economic, and cultural links to the rest of Africa and the world.

PROFESSOR MUCHA MUSEMWA

Rankings

The Faculty of Humanities is ranked as the leading faculty in the country and is ranked between 151-175 in the world by the 2023 Times Higher Education World subject rankings for Arts and Humanities subjects.

CHOOSE YOUR PROGRAMME

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Bachelor of Arts (General)

ABA00
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with entry requirements of at least 30-35 APS points are wait-listed, subject to place availability.
International Qualifications: Page 21
Closing Date: 30 September

The Bachelor of Arts (BA) three-year full-time programme includes two majors and 22 courses (refer to Pages 90-92 for more information on courses). You will study your major in first, second and third years, with each year adding different and more complex aspects of the subject, so you become specialised in your chosen field.

Courses run either for half an academic year or for one semester. When choosing your majors and courses, keep your career goals and interests in mind, to ensure that you're fully equipped for a specific profession.

CAREERS

Refer to 'Mix and Match' courses to suit your career' on Page 93.

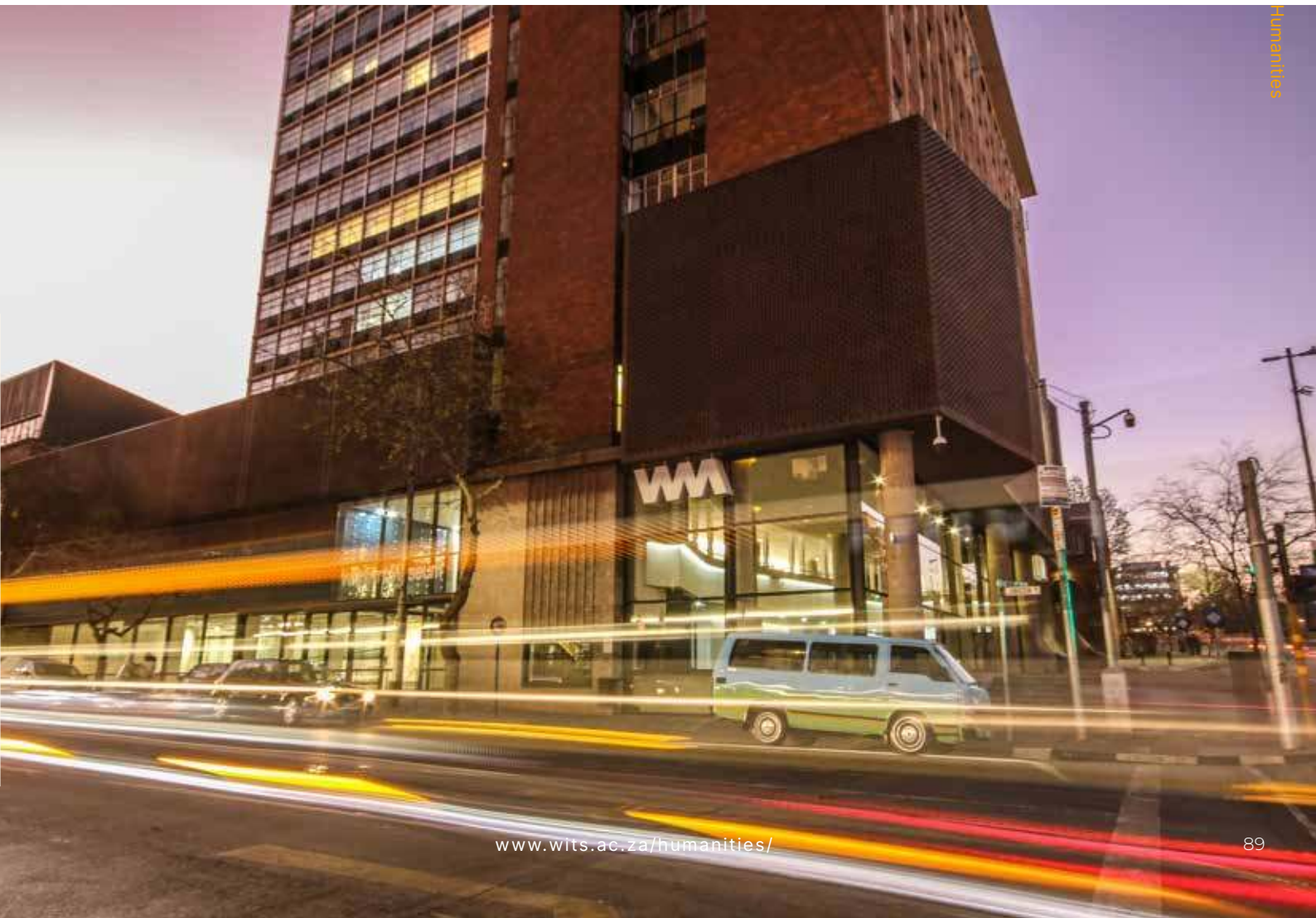
Compulsory Requirement Across all BA Programmes

A student of the Bachelor of Arts is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isi-Zulu, Sesotho or SASL), the student is advised to do one of the following:

(i) Register in a first-language stream for two courses in isiZulu or Sesotho;

(ii) Register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish; or

(iii) Formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.





Majors and Courses

African Languages/Language Acquisition

These courses will familiarise you with basic speaking, reading, writing and listening, either in isiZulu or Sesotho. You will study texts from various literary genres to learn grammatical structures and socio-cultural context.

African Languages and Linguistics

These courses examine the history of the languages spoken in South Africa today. You will also learn about the linguistic aspects of these languages and compare their morphophonological structures, especially those of the Sotho and Nguni languages. In addition, you will be introduced to Computational Linguistics, which focuses on the development of technological tools for resource-scarce languages.

These courses are designed for students with existing knowledge of at least one of South Africa's official indigenous languages.

African Languages and Literature

These courses comprise language acquisition components for non-mother tongue speakers, as well as linguistic and literature components for mother tongue speakers and students of African language media. You will acquire receptive and language reproduction skills, as well as analytical and interpretive skills.

African Languages Literature

These courses look at the diverse range of Nguni and Sotho literary material in southern Africa. They cover major works of poetry, prose, drama and journalistic articles, including translated works. Emphasis is placed on the history and emergence of the different types of literary genres.

These courses are designed for students with knowledge of at least one of South Africa's official indigenous languages.

African Literature

These courses study oral and written literature that is written in or translated from English, directly concerned with the African experience using fiction, poetry, popular culture and drama from the African continent. All non-English study texts are also available in English.

Anthropology

Anthropology is the study of humankind in social and cultural contexts. It documents and examines the diversity of human cultures, social relations, environments and products.

Archaeology

Archaeology is the study of human history through material remains, such as stone tools, food residue, rock art, pottery and settlement plans. First year students study the biological evolution of man, man's past as a hunter-gatherer and the origins of farming and urbanisation.

Digital Arts Theory

Digital Arts Theory introduces you to the historic, conceptual and critical frameworks of a range of digital art practices, like interactive and networked art and game studies. It investigates digital culture from its origins to present-day practice, around the world and particularly in Africa.

Drama for Life

Drama for Life enhances dialogue for social transformation and healing, via arts-based research, teaching and learning and community engagement.

Bachelor of Arts students who are interested in arts therapies, arts education, arts activism and all arts for development can also choose from the following undergraduate courses:

- Arts and Global Rights
- Arts and Global Health
- Applied Drama and Theatre Economics

These courses look at how economic systems function, as well as the determination of income and development, international trade and payment mechanisms. Matric Mathematics is required.

English Literature

Studying English Literature at Wits gives you the opportunity to learn various approaches to textual analysis and criticism that can be applied to a wide range of literature. You will also explore the relationship between literary works and their social, historicaland /or cultural contexts. English Literature prepares you for various communicative professions, like teaching, writing, research, journalism, editing, publishing, human resources, public relations and more.

European Transnational Literary and Cultural Literature Studies

This field introduces students to a range of literary texts written in the main European languages (Spanish, Portuguese, French, German, Italian and Russian). Courses explore transnational relations and reciprocal influences especially with regards to Francophone, Lusophone and South American Spanish texts.

Environmental Studies

These courses address national-scale developmental priorities, transformation and skills/employability. It is also designed to encourage students to develop integrated skills that can be applied to contemporary issues.

Film and Television

These courses span the intellectual and analytical study of topics relating to theatre, performance, visual arts and film within diverse contexts. You will develop conceptual creativity, intellectual rigour and strong practical capabilities to prepare you for a career in the theatre, film, visual arts and entertainment industry, or for future academic study.

French and Francophone Studies

These courses introduce French, which is spoken in more than 20 African countries, in its spoken and written forms. You will develop an appreciation of French literature, thought, history and civilisation. Courses that align well with French include Political Science, International Relations, Journalism and Media Studies, the Arts and Business Studies.

Geography

These courses cover physical geography, human geography and regional photography.

German

These courses introduce German in its spoken and written forms and help you to develop an appreciation of German literature, thought, history and culture. Germany is one of South Africa's most important trading partners and German is the most commonly spoken language in the European Union. Graduates who are proficient in German are sought after by German-speaking companies and NGOs, as well as in tourism, diplomatic services and government departments. German aligns well with Humanities subjects.

History

Interested in historical, linguistic, literacy, or cultural perspectives of the past, the relationship between past and present, or the conservation and preservation of heritage? History revitalises views of the past, introduces exciting topics and challenges many of the assumptions and approaches you may have learned at school. History will equip you with sought-after skills in research, analysis and effective writing, speaking and thinking.

History of Art

History of Art examines images and objects in their historical contexts. It provides critical insights into the lives of makers, viewers and users of art, as well as the spaces and times in which these images and objects are rooted. A History of Art major provides a gateway to understanding, critically analysing and engaging in the visual world.

Industrial and Economic Sociology

Sociology is the study of society in all its complexity from empirical and theoretical perspectives. Human behaviour is shaped by the social contexts in which people find themselves. As such, Sociology helps us to understand how families, organisations, communities, cultural practices and broader political, economic and social processes affect the way people act and think. Sociology examines areas as diverse as disease, development, land reform, crime, culture, states, government, media, identity, gender, race and class, among others. Industrial and Economic Sociology is a specialisation that focuses on the socially embedded nature of the economy and the workplace.

International Relations

The study of International Relations helps us understand why states go to war, why they trade with each other and why they care when human rights are abused. You will gain an understanding of the key events and tools that are used to unpack and determine why states, international organisations and individuals behave and engage the way they do. International Relations is a multidisciplinary field, with origins in history, economics, political science, sociology and law. First year courses provide a fundamental understanding of this exciting area of study.

Italian

These courses introduce Italian in its spoken and written forms. You will develop an appreciation of Italian literature, thought, history and culture and understand why Italy is a world leader in the culinary arts, interior design and fashion and furniture design. Italian is useful for students planning careers in music, fine arts, design, architecture, linguistics, translation, interpreting and international relations.

Law

All societies are governed by some form of law. These courses provide knowledge of legal systems and how they conform with morality. Topics include: Constitutional Law, Customary Law, Persons and Family Law, Criminal Law and Delict, Succession Law and Contract Law.

Linguistics

Linguistics is the scientific study of language. In this course, you will study language on its own and as part of culture and society, referring to a wide range of languages in the process.

Mathematics

This field covers all aspects of Mathematics, including general knowledge and history of mathematical concepts. Matric Mathematics is essential.

Mathematical Statistics

This field covers Statistics, which deals with descriptive statistics, counting techniques, probability, discrete and continuous distribution, estimation, hypothesis testing, correlation, regression and one-way analysis of variance. Matric Mathematics is essential.

Media Studies

Media Studies gives you the critical and analytical skills needed to function in the Information Age. You will be exposed to theories, debates and discussions about the role of the media in society and find ways to analyse media operations, media products and media consumption.

Music Studies

You will study music in its historical, cultural and social contexts, encountering music from Africa, the western classical canon, popular music and jazz. In your first year, you will study Film and Visual Performing Arts and proceed to Critical Music Studies in second and third year.

Philosophy

Philosophy searches for rational answers to fundamental questions about humans and the world they live in. Philosophical questions include abstract matters, such as whether religious belief is rationally defensible; whether humans have free will; whether abortion is morally permissible; and whether a philosophy of Ubuntu could be compatible with the death penalty.

Philosophy helps you to develop reflection skills that deepen your personal understanding and promote autonomy. It promotes reasoning. You will explore topics such as thinking correctly, devising practical methods of logical analysis, argument construction and evaluation.

Political Studies

This field studies power relations in society, conflict, money matters, position and influence or status. There are many competing analytical models in politics, each with its own concepts or terminology and each with its own questions. Political Studies prepares you for a career in public affairs; former students include Winnie Madikizela-Mandela, Tony Leon, Valli Moosa and Judge Richard Goldstone. A degree in Political Studies yields opportunities to work in non-governmental organisations, the public sector, private businesses, diplomacy, international organisations, survey research organisations, development bodies and the media.

Portuguese

These courses introduce Portuguese in its spoken and written forms. You will develop an appreciation of Portuguese literature, thought, history and culture. Portuguese has significant status in Africa, as the official language of PALOP (Portuguese-speaking African countries).

The courses are designed for beginners and students with prior knowledge of Portuguese. They include a communicative approach based on conversation skills and facilitated by multimedia tools. Courses that align well with Portuguese include International Relations, Political Sciences, Media Studies and other language courses.

Psychology

Psychology studies human experience, behaviour and the ways in which we relate to each other and our environment. Psychology offers a rich and diverse understanding of human functioning and is relevant to most aspects of our lives. As society has become more complex, Psychology plays an increasingly important role in understanding human behaviour and in shaping interventions to ensure optimal functioning of individuals, groups and communities. You can major in General Psychology or Organisational Psychology.

South African Sign Language

This field introduces the receptive and productive skills of South African Sign Language (SASL), vocabulary in context, basic social functions and grammatical structures of SASL, the origins of signed language and the concepts underlying Deaf Culture and the Deaf Community. If you major in SASL, you will also study SASL linguistics, poetry and sociolinguistics for sign languages. SASL is recommended for students interested in Education, Deaf Education, Drama, Language and Psychology.

Spanish

These courses introduce Spanish in its spoken and written forms and helps students to develop an appreciation of Spanish literature, thought and history.

Transnational Literary and Cultural Studies

Focus on the relationship between the arts, literature and society. This field introduces you to a range of literary texts written in the main European languages (Spanish, Portuguese, French, German, Italian and Russian).Courses explore transnational relations and reciprocal influences, especially regarding Francophone, Lusophone and South American Spanish texts.

Mix and Match

COURSES TO SUIT YOUR CAREER

Interested in African Studies as a career?

Choose majors and courses from: African Languages, African Languages Literature, African Linguistics, African Literature, African Studies in History and Politics, Anthropology South African Sign Language, History, History of Art, International Relations, Modern Languages, Screen Studies

Interested in Communications or Journalism?

Choose majors from: Media Studies, Languages, Sociology, Psychology, International Relations, Political Studies and Film, Visual and Performing Arts, History of Art

Interested in Developmental Studies?

Choose majors from: African Languages and Literature, Labour and Economic Sociology, African Studies in History and Politics, International Relations, Anthropology, Linguistics, Economics, Psychology, Geography, Social Work

Interested in Economics and Commerce?

Choose majors from: Labour and Economic Sociology, History, International Relations, Maths, Political Studies, Psychology/Organisational Psychology, Philosophy

Interested in Education?

Choose majors from: African Languages and Literature, History, Geography, Linguistics, Modern Languages, Philosophy, Political Studies, Psychology, Sociology, South African Sign Language, History of Art

Interested in English and Literature?

Choose majors from: African Literature and English offer various course combinations. Study diverse literatures from different cultures and contexts as well as English Language and Literacy, Film, Visual and Performing Arts

Interested in Global Politics and Diplomacy?

Choose majors and courses from: Economics, International Relations and Political Studies and combine these with a language course, such as French, German, Italian, Portuguese, or Spanish African Studies in History and Politics, History, History of Art, Philosophy, Psychology, Sociology

Interested in Heritage and Museum Work?

Choose majors and courses from: Archaeology, Geography, History, Anthropology, Film, Visual and Performing Arts, History of Art, various languages

Interested in History?

Choose majors and courses from: African Languages, Literature and Linguistics, African Literature, African Studies in History and Politics, Archaeology, English, History, History of Art, Linguistics, Modern Languages, Music in History and Society, South African Sign Language

Interested in Language Studies and Translation?

Do you want to learn a range of different languages, or study the relationship between language, society and culture? **Choose majors from:** African Languages and Literature, English, French and Francophone Studies, German, Italian, Linguistics, Portuguese, Spanish and Latin American Studies and South African Sign Language

Interested in Law, Culture and Language?

The dynamic relationship between languages and the values, attitudes, beliefs and rules of society will be valuable to students studying Law. **Choose a second major or course from:** African Languages, African Literature, Anthropology, English, Linguistics, Media Studies, Philosophy, Psychology, South African Sign Language, Sociology and Modern Languages

Interested in Literary and Cultural Studies?

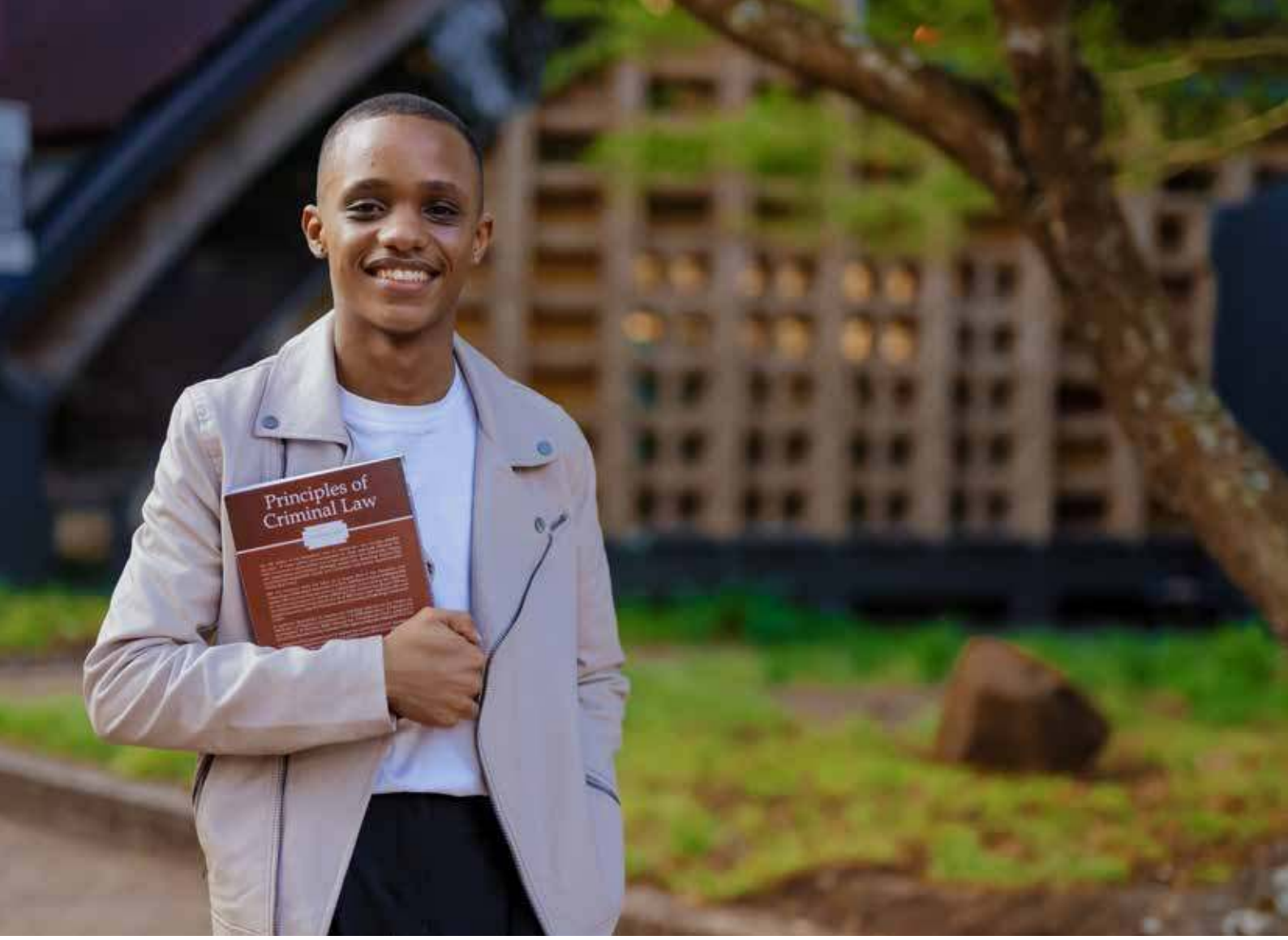
Choose majors and courses from: African Languages, African Literature, Anthropology, Drama and Film, English, History of Art, Film, Visual and Performing Arts, Linguistics, Media Studies, Modern Languages, Music in History and Society, Psychology/Organisational Psychology, Sociology, South African Sign Language, Screen Studies

Interested in Media, Literature and Culture?

Understand the relationship between the modern mass media, literature and culture in the constantly evolving technological age. **Choose majors from:** African Languages, African Literature, Dramatic Art, English, History of Art, Media Studies, Modern Languages, Music in History and Society, Philosophy, Psychology/Organisational Psychology, Linguistics, South African Sign Language and Film, Visual and Performing Arts, Arts Management, History of Art, Screen Studies

Interested in work, Organisation and Society?

If you want to understand the relationship between the world of work, the individual and the broader society. **Choose majors and courses from:** African Languages and Literature, Anthropology, Economics, History, Industrial and Economic Sociology and Psychology/Organisational Psychology. Linguistics, Modern Languages, Psychology and South African Sign Language.



BA(Law)

BACHELOR OF ARTS (LAW)
ABA02
DURATION 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 3
Maths Literacy Level 4
Waitlisting
Applicants with an APS of 40-42 may be wait-listed, subject to place availability.
International Qualifications: Page 23
Closing Date: 30 September

Students interested in studying law are encouraged to take a complete BA or BCom degree first, preferably choosing Law as one of their majors.

This enables students to get a feeling for the general law subjects before committing to the study of Law, whilst also developing knowledge and skills in other disciplines which will be useful to them in the context in which they will one day be practicing law. Students envisaging a future in human rights, family law, constitutional law, international law, etc. amongst others are advised to begin their legal studies with a BA(with Law major), pairing this with courses like politics, sociology, economics or languages.

CAREERS

- Advocate
- Arbitrator
- Attorney
- Conveyancer
- Judge
- Legal Advisor
- Mediator Negotiator
- Professional Counsellor
- Prosecutor

The BA is also a route to an LLB qualification, taken over two years after completing a BA (with Law major) degree; or over three years if no law courses are completed during your BA degree.

PROFESSIONAL PROGRAMMES IN

THE ARTS

The Wits School of Arts (WSoA)

GAIN COMPREHENSIVE, PROFESSIONAL TRAINING WITH A GLOBAL PERSPECTIVE.

Situated in the vibrant hub of Braamfontein, Johannesburg, the Wits School of Arts (WSoA) offers programmes in Cultural Policy Management, Drama for Life (Applied Theatre and Drama Therapies), Digital Arts, Fine Arts, Film and Television, Heritage Studies, History of Art, Music and Theatre and Performance – at undergraduate, graduate and doctoral levels.

These programmes will help you to critically engage with South Africa's rich and diverse cultural life and heritage. You will also gain comprehensive professional training in the arts – across local urban, African continental and international contexts.

At WSoA, you can access a wide range of specialised teaching environments, including theatres, music venues, sound recording studios, fine arts studios, digital media laboratories, television studios and multimedia libraries. You may also have the opportunity to participate in an international exchange programme, thanks to the School's excellent global reputation.

WSoA graduates are among the top thought leaders and creative professionals in the arts world.



Compulsory Requirement Across all BA Programmes

A student of the Bachelor of Arts is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following:

(i) register in a first-language stream for two courses in isiZulu or Sesotho;

(ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish; or

(iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.

Digital Arts

Bachelor of Arts in Digital Arts

AFA11
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with an entry requirement of at least 30-35 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
You will be required to attend a digital arts workshop and/or complete a questionnaire.
International Qualifications: Page 21
Closing Date: 30 September

Combine technical and creative skills in game design.

The BA in Digital Arts degree brings together the creative and technical aspects of game creation. You will learn a variety of skills, including technical development and programming, illustration, animation, writing and sound design. You will also learn about game history and theory, game mechanics, programming, puzzle design, Level design, character design and much more. As the degree progresses, you may choose to specialise in Animation, Writing and Interactivity or Interactive Art.

This multidisciplinary programme is offered to students from the School of Electrical and Information Engineering (BEngSc Digital Arts) and the WSoA (BA Digital Arts).



CAREERS

- Animator
- Game Developer
- Systems Administrator
- Game Writer
- VR Developer

PROGRAMME OUTLINE

FIRST YEAR

- Film, Visual and Performing Arts IA **AND** IB
- Game Design IA **AND** IB
- Digital Arts Practice IA **AND** IB

AND

A student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following: (i) register in a first-language stream for two courses in isiZulu or Sesotho, (ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish, or (iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.

SECOND YEAR

- Digital Art Theory II
- Game Design IIA **AND** IIB
- Digital Art Design Project **AND** Digital Art Practice II
- Film, Visual and Performing Arts IIA: Storytelling across Media and Cultural Contexts

THIRD YEAR

- Digital Art Theory IIIA **AND** IIIB
- Film, Visual and Performing Arts IIIA: Aesthetics, Technologies and Commodity Cultures
- Film, Visual and Performing Arts IIIB: Medium, Process and Criticality

AND a choice of two pairs:

- Writing and Interactivity IIIA **AND** IIIB
- Interactive Media IIIA **AND** IIIB
- Animation IIIA **AND** IIIB
- Game Design IIIA **AND** IIIB

FOURTH YEAR

- Digital Arts Research Project
- Digital Art Project IV

AND, select two courses from the following:

- Animation IV
- Game Design IV
- Interactive Media IV
- Writing and Interactivity IV
- Immersive Media Extended Reality

Film and Television

Bachelor of Arts in Film and Television

AFA10
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with entry requirements of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Applicants have to submit a portfolio and may have to attend an interview.
International Qualifications: Page 21
Closing Date: 30 June

Explore multiple aspects of film-making.

Whether you're an aspiring director, a would-be producer, a creative AND/OR someone who wants to write innovative South African stories for film or television, the Bachelor of Arts in Film and Television (BAFT) offers exciting and creative learning opportunities.

You will benefit from theoretically informed and production-based learning in a range of formats, including documentary and fiction short films, music videos and experimental film-making, as well as specialised courses in cinematography, post-production, studio production and sound design. The four-year undergraduate programme allows you to interrogate multiple aspects of film-making, in addition to specialised technical training.

CAREERS

- Director
- Editor
- Film-Maker
- Producer
- Writer

PROGRAMME OUTLINE

FIRST YEAR

- Film, Visual and Performing Arts 1A **AND** IB
- Visual Storytelling IA **AND** IB
- Image Creation IA **AND** IB

AND

A student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following: (i) register in a first-language stream for two courses in isiZulu or Sesotho, (ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish, or (iii) formally apply to the Dean for exemption from the requirement to register for a language subject.

Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.

SECOND YEAR

- Image Creation IIA **AND** IIB
- Visual Storytelling IIA **AND** IIB

Select courses yielding 48 credits from:

- Film, Visual and Performing Arts 1A: Storytelling across Media and Cultural contexts
- Screen Studies IIB

THIRD YEAR

- Directing Fiction III
- Documentary Film-making III
- Principles of Sound Design III
- Principles of Studio Production III
- Screen Writing IIIA **AND** IIIB

OR, select one course from the following:

- Interactive Media IIIA
- Animation IIIA
- Theories of Art
- Introduction to Cultural Policy and Management A
- Funding Contexts in Cultural and Creative Industries

OR

Screen Studies IIIA

AND

- Film, Visual and Performing Arts IIIA: Aesthetics Technologies and Commodity Cultures
- Film, Visual and Performing Arts IIIB: Medium, Process and Criticality

FOURTH YEAR

Select one course from the following:

- Long Essay in Film and Television
- Research Project in Film and Television

Select four courses from the following:

- The Business of Film
- Experimental Film IV
- Fundamentals of Post-production IV
- Fundamentals of Cinematography IV
- Screenwriting IVA **AND** Screenwriting IVB

OR

Select three courses from the list above **AND** one appropriate fourth year course from the following:

- Film Studies IVA **AND** IVB
- Digital Humanities
- Participatory Cultures
- Cultural Entrepreneurship
- Arts, Marketing: Context, Strategies and Practices
- Animation IV
- Interactive Media IV
- Selected topic in Interdisciplinary Arts and Cultural Studies

Fine Arts

Bachelor of Arts in Fine Arts

AFA01
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with entry requirements of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Applicants must complete a questionnaire and upload a portfolio of work.
International Qualifications: Page 21
Closing Date: 30 September

Explore all aspects of contemporary fine art.

The BA Fine Arts degree combines fine art studio practice with academic study in Art History, Theory and Criticism.

Painting, sculpture, photography, print-making, video, installation and digital media form the core of the studio programme, which is supplemented by a course in Professional Practice and Curating, along with a number of interdisciplinary options from other courses in the WSoA.

CAREERS

- Animator
- Art Historian
- Artist
- Curator
- Critic
- Designer
- Photographer
- Teacher

PROGRAMME OUTLINE

FIRST YEAR

- Fine Arts IA **AND** IB
- Film, Visual And Performing Arts IA **AND** IB
- Drawing And Contemporary Practice IA **AND** IB

AND

A student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following: (i) register in a first-language stream for two courses in isiZulu or Sesotho, (ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish, or (iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.

SECOND YEAR

- Fine Arts IIA **AND** IIB
- History of Arts IIA **AND** IIB
- Drawing And Contemporary Practice IIA **AND** IIB

THIRD YEAR

- Fine Arts IIIA **AND** IIIB
- History of Art IIIA **AND** IIIB
- History of Art IIIC **AND** IIID
- Drawing and Contemporary Practice IIIB

FOURTH YEAR

- Research Project
- Critical Theories and Visual Cultures
- Fine Arts IVA **AND** IVB
- Professional Practice in Fine Arts



HONOURS STUDY

Follow your BA undergraduate degree with an Honours degree, one-year (full-time) and specialise in a field that will allow you to follow your passion in the career of your choice.

Music

Bachelor of Music

AFA02
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with an entry requirement of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Applicants must attend an interview and audition at the Wits School of Arts.
An extended curriculum provides for BMus students and is determined by academic background and performance.
International Qualifications: Page 23
Closing Date: 30 September

Experience and learn from multiple music traditions and disciplines.

This degree gives you an opportunity to experience and learn from multiple music traditions. This pragmatic and philosophical programme exposes you to new and different music domains, skills and knowledge – all of which better prepares you for a variety of music careers. Students develop their practical skills with a jazz or classical music focus, voice for musical theatre is an additional option. In each of these choices you will encounter music from South Africa as well as international musical genres. Beyond this chosen practical focus, all students can benefit from learning skills that work across musical genres, such as music technology and studio practice, composition and arrangement and community music-making among others.

CAREERS

- Arrangement
- Composing
- Conducting
- Education
- Entertainment Law
- Music Journalism
- Music Therapy
- Performance
- Radio/TV/Digital Media
- Recording Industry

PROGRAMME OUTLINE

FIRST YEAR

- Film, Visual and Performing Arts IA **AND** IB
- Music Literacies and Skills IA **AND** IB
- Music Performance Studies IA **AND** IB
- Two BA semester courses

AND
A student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following: (i) register in a first-language stream for two courses in isiZulu or Sesotho, (ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish, or (iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course

SECOND YEAR

- Critical Music Studies IIA **AND** IIB
- Music Literacies and Skills IIA **AND** IIB
- Music Performance Studies IIA **AND** IIB

THIRD YEAR

Music in History and Society:

- Music and the Theatre
- Community Music
- Musical Modernisms
- Music in Contemporary Lives
- Composition IIIA **AND** IIIB
- Performance IIIA **AND** IIIB

If Music Performance Studies or Music Composition studies were not chosen, select two from the following courses:

- Music Composition Studies IIIA **AND** IIIB
- Introduction to Cultural Policy and Management
- Funding Context in Cultural and Creative Industries
- Animation IIIA
- Interactive Media IIIA
- Writing and Interactivity IIIA

FOURTH YEAR

- Music Criticism: Research Project
- Music Business Studies

Select one of the following specialisations:

- Composition
- Performance
- Community Music
- Business and the Arts
- Long Essay

Select one course at fourth year level from the following:

- Composition Theory and Analysis (if not taken in the composition specialisation)
- Music Performance Minor Study
- Community Music: Minor Studies
- Cultural Entrepreneur
- Arts Marketing: Context, Strategies and Practices
- Key Moments in the 20th Century Arts: Tradition and Innovation
- Animation IV
- Interactive Media IV
- Writing and Interactivity IV
- Selected topic in Interdisciplinary Arts and Culture Studies

Theatre and Performance

Bachelor of Arts in Theatre and Performance

AFA14
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language Level 5
Waitlisting
Applicants with entry requirements of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Students must speak English as a Home Language or First Additional Language and must meet departmental selection procedures, which include auditions/interviews.
Bookings for Theatre and Performance auditions close in October 2026.
www.wits.ac.za/undergraduate/apply-to-wits/
International Qualifications: Page 23
Closing Date: 30 September

Immerse yourself in the theoretical and practical study of theatre and performance.

The four-year BA in Theatre and Performance programme covers the historical and theoretical developments in drama and film, as well as the theoretical and practical study of theatre, performance and cognate disciplines. The degree helps you develop critical insight and imaginative intelligence, so you can become an innovative theatre-maker, performer, director, teacher, writer or designer. It also gives you real-world experience in all areas of the performing and communicative arts. You will work regularly in the Wits Theatre, a professionally run four-theatre complex with excellent facilities.

CAREERS

- Choreographer
- Critics
- Director
- Designer
- Performer
- Production and Arts Manager
- Teachers/Facilitators/Academics
- Theatre-Maker
- Theorists
- Writer

PROGRAMME OUTLINE

FIRST YEAR

Course (A) is taken in the first semester and Course (B) in the second semester.

- Performance Practice IA **AND** IB
- Theatre and Production IA **AND** IB
- Film, Visual and Performing Arts IA **AND** IB

AND

A student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following: (i) register in a first-language stream for two courses in isiZulu or Sesotho, (ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish, or (iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course

SECOND YEAR

- Performance Practice IIA **AND** IIB
- Theatre and Production IIA **AND** IIB
- Film, Visual and Performing Arts IIA: Storytelling across media and cultural contexts
- Theatre and Performance Studies II

THIRD YEAR

Select four pairs of courses from the following:

- Design IIIA **AND** IIB
- Performance Studies IIIA **AND** IIIB
- Directing IIIA **AND** IIIB
- Applied Drama and Theatre Studies IIIA **AND** IIIB
- Media Studies IIIA **AND** IIIB
- Movement IIIA **AND** IIIB
- Performance Studies IIIA **AND** IIIB
- Introduction to Cultural Policy and Management
- Funding Context in Cultural and Creative Industries
- Writing IIIA **AND** IIIB
- Theatre and Performance IIIA: Performance Theory
- Theatre and Performance Studies IIIB: Studies in Theatre Practice
- Music Composition Studies IIIA **AND** IIIB
- Music Performance Studies IIIA **AND** IIIB
- Interactive Media IIIA
- Animation IIIA
- Theories of Art
- Film, Visual and Performing Arts IIIA: Aesthetics, Technologies and Commodity Cultures
- Film, Visual and Performing Arts IIIB: Medium, Process and Criticality
- Musical Theatre IIIA
- Musical Theatre IIIB

FOURTH YEAR

Select one course from the following:

- Long Essay
- Research Project
- Drama Therapy Research Essay
- Applied Drama Research Essay

AND, ANY four courses from the following:

- Design IVA **AND** IVB
- Directing IVA **AND** IVB
- Applied Drama and Theatre Studies IVA **AND** IVB
- Movement IVA **AND** IVB
- Dramatic Literature and Production Studies IVA
- Directions in Cultural Leadership
- Interactive Media IV
- Film Studies IV

- Media Studies IVA **AND** IVB
- Writing IVA **AND** IVB
- Cultural Entrepreneurship
- Arts Marketing: Context, Strategies and Practices
- Dance, Culture and Education IVA **AND** IVB
- Animation IV

- Musical Theatre IVA **AND** IVB
- Performance Studies IV: Minor Study
- Music Performance Studies IV
- Key Moments in the 20th Century Arts: Tradition and Innovation
- Introduction to Drama Therapy

PROFESSIONAL PROGRAMMES IN EDUCATION

The Wits School of Education

THE BACHELOR OF EDUCATION (BED) IS A FOUR-YEAR, FULL-TIME INTERNATIONALLY RECOGNISED QUALIFICATION, OFFERING SPECIALISATION IN EARLY CHILDHOOD DEVELOPMENT AND PRIMARY AND SECONDARY SCHOOL SPECIALISATIONS.

The Wits School of Education offers high-quality teaching and research through thoughtfully developed undergraduate and postgraduate programmes, as well as access to engaging seminars facilitated by well-known academics in education, teaching and learning.

You can choose from three BEd degrees:

- Foundation Phase Teaching: Grades R-3
- Intermediate Phase Teaching: Grades 4-7
- Senior Phase and Further Education and Training Teaching: Grades 8-12

If you want to qualify as a teacher at the secondary (high) school level, you may choose a first degree programme (such as a BA, BSc, or BCom), followed by a one-year **Postgraduate Certificate in Education (PGCE).**

The BEd qualifies you to teach in any school in South Africa and to register with the South African Council for Educators (SACE). A BEd from Wits provides career options in teaching or educational research.

While certain courses are compulsory for all BEd students, you can take other courses that prepare you to teach particular phases and teach subjects effectively to different age groups. All students undertake regular practical teaching experience during their studies.



Compulsory Requirement Across All BA Programmes

A student of the Bachelor of Arts is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following:

(i) register in a first-language stream for two courses in isiZulu or Sesotho;

(ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish; or

(iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.



Foundation Phase Teaching (Grades R-3)

Bachelor of Education: Foundation Phase Teaching

HFA00
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 37 +
English Home Language or First Additional Language Level 5
Mathematics Level 4
OR
Maths Literacy Level 5
OR
Technical Mathematics Level 5
Waitlisting
Applicants with an entry requirement of at least 34-36 APS points are wait-listed, subject to place availability. Preference is given to students with higher English results.
International Qualifications: Page 23
Closing Date: 30 September

PROGRAMME OUTLINE

FIRST YEAR

- Education IA **AND** B
- Being a Foundation Phase Teacher A **AND** B
- Mathematics for Primary School Teachers
- Childhood Studies I
- Literacy for Primary School Teachers I
- Arts for Teachers
- Teaching Experience IA **AND** IB
- ICT Literacy

And select one elective from the following:

- Fun with Choir
- Physical Activity and Sports in Schools
- Financial Planning and Entrepreneurship
- Learning in and through Art
- Learning in and through Drama

SECOND YEAR

- Education II
- Mathematics for Primary School Teachers II
- Literacy for Primary School Teachers II
- Childhood Studies II

And select ONE additional language; a language not taken for the NSC; and which is not a home language:

- isiZulu I
- Sesotho I
- isiZulu Additional Language I
- Sesotho Additional Language I
- South African Sign Language I

Teaching Experience II

THIRD YEAR

- Education III
- Mathematics for Foundation Phase Teachers III
- Literacy for Primary School Teachers III
- Teaching Experience IIIA **AND** IIIB

And select ONE additional language from the following:

- IsiZulu Additional Language II
- Sesotho Additional Language II
- IsiZulu II
- Sesotho II
- South African Sign language II

FOURTH YEAR

- Education IV
- Mathematics for Primary School Teachers IV
- Literacy for Foundation Phase Teachers IV
- Childhood Studies IV
- Being a Teacher
- Teaching Experience IV A/B

And select two electives from the following:

- Learning in and through Art
- Learning in and through Drama

Intermediate Phase Teaching (Grades 4-7)

Bachelor of Education: Intermediate Phase Teaching

HFA01
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 37 +
English Home Language or First Additional Language Level 5
Mathematics Level 4
OR
Maths Literacy Level 5
OR
Technical Mathematics Level 5
Waitlisting
Applicants with an entry requirement of at least 31-36 APS points are wait-listed, subject to place availability. Preference is given to students with higher English results.
International Qualifications: Page 23
Closing Date: 30 September

PROGRAMME OUTLINE

FIRST YEAR

- Education IA **AND** B
- Mathematics for Primary School Teachers I
- Literacy for Primary School Teachers I
- Social Sciences I
- Becoming a Teacher A **AND** B
- English I
- Teaching Experience IA/IB

For students unable to demonstrate conversational competence in Sesotho, IsiZulu or South African Sign Language select a course from the following:

- IsiZulu (Conversational Competence)
- Sesotho (Conversational Competence)
- South African Sign Language (Conversational Competence)

SECOND YEAR

- Education II
- Mathematics for Primary School Teachers II
- Teaching Experience II

Select a language course from the following:

- isiZulu
- IsiZulu Additional Language
- Sesotho
- Sesotho Additional Language
- South African Sign Language

Select a teaching course from the following:

- Natural Science
- Social Sciences I

Select a course corresponding to courses selected in the first year:

- Teaching Natural Sciences (Intermediate Phase) A **AND** B **OR**
- Teaching Social Sciences (Intermediate Phase) A **AND** B

THIRD YEAR

- Education III
- Mathematics for Primary School Teachers III
- Teaching Home Language in the Intermediate Phase III
- Teaching Experience IIIA **AND** B
- Life Skills I: Arts for Teachers

FOURTH YEAR

- Education IV
- Mathematics for Primary School Teachers IV
- Teaching Additional Language for Primary School Teachers IV
- Life Skills II: Personal, Social and Physical well-being
- Economics and Financial Literacy
- Being a Teacher
- Teacher Experience IV A **AND** B

Select one elective from the following:

- ICT Literacy
- Fun with Choir
- Physical Activity in Sports in Schools
- School-Based Support
- Learning in and through Art
- Learning in and through Drama



Senior Phase and Further Education and Training Teaching Grades 8 - 12

Bachelor of Education: Senior Phase and Further Education and Training Teaching

HFA02
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 37 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with an entry requirement of at least 31-36 APS points are wait-listed, subject to place availability. Preference will be given to students with higher English results.
International Qualifications: Page 21
Closing Date: 30 September

PROGRAMME OUTLINE

FIRST YEAR

- Education IA **AND** B
- Literacy for Senior Phase and FET Teachers
- Becoming a Teacher A **AND** B
- Teaching Experience IA **AND** IB

Select two courses from the following:

- English I
- Information Technology I
- Natural Science I
- Technology I
- isiZulu I
- Mathematics I
- Sesotho I
- Social Sciences I
- Coding and Robotics in Education I

Students who cannot demonstrate ICT (Information and Technology Competency) to select:

- ICT Literacy

Students whom ICT does not apply to select from the following:

- Fun and Choir
- Physical Activity and Sports
- Financial Planning and Entrepreneurship
- Learning in and through Art
- Learning in and through Drama

SECOND YEAR

- Education II
- Life Skills for Teachers
- Teaching Experience II

Select Level II courses of the major you did in first year from the following:

- Natural Sciences II
- English II
- isiZulu II
- Sesotho II
- Mathematics II
- Social Sciences II
- Technology II
- Information Technology II
- Coding and Robotics in Education II

Select the senior phase pedagogy courses A **AND** B corresponding to one of the courses above:

- Teaching Natural Sciences (Senior Phase A **AND** B)
- Teaching English (Senior Phase A **AND** B)
- Teaching isiZulu (Senior Phase A **AND** B)
- Teaching Sesotho (Senior Phase A **AND** B)
- Teaching Mathematics (Senior Phase A **AND** B)
- Teaching Social Sciences (Senior Phase A **AND** B)
- Teaching Technology (Senior Phase A **AND** B)
- Teaching Information Technology (Senior Phase A **AND** B)
- Teaching Experience II

A student who does not have an Indigenous African Language in their matric must select one of the following:

- IsiZulu (Conversational Competence)
- Sesotho (Conversational Competence)
- South African Sign Language (Conversational Competence)

Life Orientation (LO) as a teaching major will not be included in 2027. A combination of prerequisite Matric subjects and achievement levels in these subjects will be considered for admission. Refer to listed subjects under the first year Programme Outline.

Bachelor of Education: Senior Phase and Further Education and Training Teaching (Grades 8-12)

THIRD YEAR

- Education III
- Teaching Experience IIIA **AND** IIIB

Select the Level III major you did in the second year:

- Life Sciences IIIA **OR** B
- Physical Sciences IIIA **OR** B
- Geography III
- History III
- English III
- isiZulu III
- Sesotho III
- Mathematics III
- Engineering Graphics and Design III
- Mechanical Technology III
- Information Technology III
- Coding and Robotics in Education III

Select the FET pedagogy courses A **AND** B corresponding to one of the courses above:

- Teaching Life Sciences
- Teaching Physical Sciences
- Teaching Geography
- Teaching History
- Teaching English
- Teaching isiZulu
- Teaching Sesotho
- Teaching Mathematics
- Teaching Engineering Graphics and Design
- Teaching Mechanical Technology
- Teaching Information Technology
- Teaching Coding and Robotics (FET) II

Select the Senior Phase Pedagogy Courses A **AND** B corresponding to your second year major:

- Teaching Natural Sciences (Senior Phase A **AND** B)
- Teaching Social Sciences (Senior Phase A **AND** B)
- Teaching English (Senior Phase A **AND** B)
- Teaching isiZulu (Senior Phase A **AND** B)
- Teaching Sesotho (Senior Phase A **AND** B)
- Teaching Mathematics (Senior Phase A **AND** B)
- Teaching Technology (Senior Phase A **AND** B)
- Teaching Information Technology (Senior Phase A **AND** B)
- Teaching Coding and Robotics (FET) IA
- Teaching Coding and Robotics (FET) IB
- Teaching Experience IIIA

FOURTH YEAR

- Education IV
- Being a Teacher IV
- Teaching Experience IVA **AND** IVB

Subject to the prerequsite rules, select at least one Level IV course from the list below that you completed at Level III

- Life Sciences IV
- Physical Sciences IV
- Geography IV
- History IV
- English IV
- isiZulu IV
- Sesotho IV
- Mathematics IV
- Engineering Graphics and Design IV
- Mechanical Technology IV
- Information Technology IV
- Coding and Robotics in Education IV

AND

Select a Level IV course from the list above completed at Level III **OR** a Level III course OR one of the following:

Choose the FET pedagogy course corresponding to the Level III **OR** Level IV course above:

- English I
- IsiZulu I
- isiZulu Additional Language I
- South African Sign Language
- Sesotho I
- Sesotho Additional Language I

Select a FET course from the list below:

- Teaching Life Sciences (FET)
- Teaching Physical Sciences (FET)
- Teaching Geography (FET)
- Teaching History (FET)
- Teaching English (FET)
- Teaching isiZulu (FET)
- Teaching Sesotho (FET)
- Teaching Mathematics (FET)
- Teaching Engineering Graphics and Design (FET)
- Teaching Mechanical Technology (FET)
- Teaching Information Technology (FET)
- Teaching Coding and Robotics (FET)

PROFESSIONAL PROGRAMMES IN
Human and Community Development

School of Human and Community Development

GAIN INTENSIVE PRACTICAL AND THEORETICAL TRAINING THAT AIDS SOCIAL ADJUSTMENT.

The School of Human and Community Development offers a Bachelor of Arts degree (which can include Psychology as a major), a B (Social Work) degree, a B (Speech-Language Pathology) degree and a B (Audiology) degree. Majors include Audiology, Speech-Language Pathology, Psychology and Linguistics. You can also take related courses in medical, educational, linguistic and psychological areas that give you the necessary background knowledge for your chosen career.

Social workers help individuals, groups, or communities to resolve relational, emotional, material and social development difficulties that hinder their social adjustment. The four-year Bachelor of Social Work programme offers basic preparation in social science subjects, as well as professional education in social work theory and practice, with an emphasis on practical work. Practical work takes place at the Wits Speech and Hearing Clinic and at various speech and hearing clinics in hospitals and at schools across Gauteng.

Psychology complements a range of courses in humanities and social sciences. This field offers a number of career options, including working within organisations, working with the mentally ill and disturbed children, working to change destructive patterns in communities and researching social and health phenomena.



Compulsory Requirement Across All BA Programmes

A student of the Bachelor of Arts is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If a student is proficient in any two of the three languages (isiZulu, Sesotho or SASL), the student is advised to do one of the following:

(i) register in a first-language stream for two courses in isiZulu or Sesotho;

(ii) register for two courses in any one of the following: French, German, Italian, Portuguese, or Spanish; or

(iii) formally apply to the Dean for exemption from the requirement to register for a language subject. Where an exemption has been granted, students must add a course/s yielding at least 36 credits in a subject approved by Senate. A student may also be granted a credit if s/he has completed the same or an equivalent course.

Audiology

Bachelor of Audiology

AFA13
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language Level 5
Mathematics Level 4
Waitlisting
Applicants with an entry requirement of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Only 30 places are available in the first year of study for the Bachelor of Audiology degree. Applicants are selected on the basis of academic merit (i.e. school leaving results and NBT scores). This aligns with the University's transformation policy for student selection. Potential students are encouraged to observe a Speech Pathology and Audiology professional, preferably in a public hospital setting. Applicants are required to write the NBT by no later than 17 August (refer to Page 14).
International Qualifications: Page 23
Closing Date: 30 June

Assess and treat children and adults with hearing and related difficulties.

Audiologists assess, advise and provide rehabilitative services to children and adults with hearing and balance disorders and related communication difficulties.

In the four-year Bachelor of Audiology programme, you will major in Audiology and Psychology.

Other courses include South African Sign Language, Linguistics, Anatomy and Neurology, among others. Practical courses are held at the University's Speech and Hearing Clinic and at various speech and hearing clinics at hospitals, schools and care facilities, within the broader urban and rural context.

CAREERS

- Community Work and Outreach
- Educational Setting
- Government Healthcare Settings
- Private Practice

PROGRAMME OUTLINE

FIRST YEAR

- Speech and Hearing Science
- Speech Pathology and Audiology I
- Psychology I
- Linguistics: Introduction to the Structure of Language I
- Linguistics: Language, Mind and Brain I
- South African Sign Language: Basic IA
- South African Sign Language: Basic IB
- Anatomy and Physiology for Speech, Language and Hearing

SECOND YEAR

- Linguistics II
- Psychology II
- Audiology II
- Clinical Practical
- Neuroanatomy

THIRD YEAR

- Audiology
- Psychology III
- Practical in Audiology

FOURTH YEAR

- Research Report
- Clinical Practical in Audiology



Speech-Language Pathology

Bachelor of Speech Language Pathology

AFA12
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 34 +
English Home Language or First Additional Language Level 5
Mathematics Level 4
Waitlisting
Applicants with an entry requirement of at least 30-33 APS points are wait-listed, subject to place availability.
Additional Selection Criteria
Only 30 places are available in the first year of study for the Bachelor of Speech-Language Pathology degree. Applicants are selected on the basis of academic merit (i.e. school leaving results and NBT scores). This aligns with the University's transformation policy for student selection. Potential students are encouraged to observe a speech-language pathology professional, preferably in a public hospital setting. Applicants are required to write the NBT no later than 17 August (refer to Page 14).
International Qualifications: Page 33
Closing Date: 30 June

Treat children and adults with communication disorders.

Speech-language therapists assess and treat children and adults with communication disorders.

These include disorders of speech and language, articulation, voice, fluency, expressive and receptive language problems and feeding and swallowing problems. They also screen children and adults for hearing difficulties.

In the four-year Bachelor of Speech-Language Pathology degree, you will major in Speech and Language Pathology and Psychology. Other courses include a language course, such as isiZulu, Linguistics, Anatomy and Neurology.

Practical courses are held at the University's Speech and Hearing Clinic and at speech and hearing clinics at hospitals, schools and care facilities, within the broader urban and rural context.

CAREERS

- Community Work and Outreach
- Educational Settings
- Government Healthcare Settings
- Private Practice

PROGRAMME OUTLINE

FIRST YEAR

- Speech and Hearing Science
- Speech Pathology and Audiology I
- Psychology I
- Linguistics: Introduction to the Structure of Language I
- Linguistics: Language, Mind and Brain I
- Anatomy and Physiology for Speech, Language and Hearing

SECOND YEAR

- Neuroanatomy
- Linguistics II
- Psychology II
- Speech-Language Pathology II
- Clinical Practical in Speech-Language and Hearing

THIRD YEAR

- Practical in Speech-Language Pathology III
- Psychology III
- Speech-Language Pathology
- Research Report
- Clinical Practical

FOURTH YEAR

- Practical in Speech-Language Pathology III
- Psychology III
- Speech-Language Pathology
- Research Report
- Clinical Practical





Social Work

Bachelor of Social Work

AFA04
DURATION: 4 YEARS
NSC REQUIREMENTS
APS 36 +
English Home Language or First Additional Language
Level 5
Waitlisting
Applicants with an entry requirement of at least 34-35 APS points are wait-listed, subject to place availability.
Additional Information
Only 60 places are available in the first year of study for the Bachelor of Social Work degree. Applicants are selected on the basis of academic merit within various school Quintiles. This aligns with the University's transformation policy for student selection.
International Qualifications: Page:19
Closing Date: 30 September

Promote social change and the development and wellbeing of people.

The Social Work Department strives to be a centre of excellence in promoting social change, development and the well-being of people, through research, teaching and community service. Social workers help individuals, groups and communities solve problems relating to human relationships and facilitate the empowerment and liberation of people by enhancing their well-being and promoting social change. Principles of human rights, anti-oppression and social justice form the foundation of the profession.

During the four-year degree, you will learn about professional ethics and processes in social work, as well as different intervention models, the legislative framework, research methodologies and concepts and theories underpinning the profession.

Once you've completed the undergraduate degree, you may extend your studies to Master's and Doctorate levels.

CAREERS

- Marriage and Divorce Counsellor
- Substance Abuse Counsellor
- Development Planner Working with Disadvantaged Communities
- Lecturer
- Personnel Manager
- Probation Officer
- Social Welfare Manager
- Social Welfare Researcher
- Social Worker in the fields of:
  - Child and Family Welfare
  - Geriatrics
  - Occupational
  - Medical
  - Educational Social Work

PROGRAMME OUTLINE

FIRST YEAR

- Psychology I
- Sociology I
- Social Work I

Select one elective from the following:

- Anthropology
- IsiZulu/Sesotho/Sign Language
- Philosophy

SECOND YEAR

- Psychology II
- Sociology II
- Social Work II

THIRD YEAR

- Social Work III
- Psychology III

OR

- Sociology III

FOURTH YEAR

- Field Instruction
- Social Work Theory
- Research Report

Faculty of **Science**

A degree from Wits is an investment in your life and a passport to the world. Studying science opens doors to exciting careers in fields like medical research, chemistry, computer science, biotechnology, genetic engineering and environmental sciences.

Message from the Dean



The Faculty of Science is proud to have many NRF A-rated researchers and SARCHI chairs, as well as a number of international collaborations.

This is an exciting time to be part of the Faculty of Science. Science drives the modern world, and centuries of discovery have laid the foundation for the technology we rely on today. Yet our rapidly growing global population and the increasing pressure on our limited resources present profound challenges. Science will be central to developing the sustainable solutions our world urgently needs. Emerging fields such as data science, machine learning and artificial intelligence are already reshaping decision-making across industries, and these transformative ideas are deeply rooted in the scientific disciplines we teach and advance.

Humanity's quest for cheaper, cleaner and more efficient energy sources also depends on scientific innovation. Across the Faculty of Science, our Schools, Institutes and Centres are engaged in research of the highest international standard, contributing not only to global knowledge but also to shaping a more equitable and sustainable future. Within this vibrant environment of excellence, we are nurturing the next generation of scientists and innovators.

The Faculty is home to the Wits Anglo American Digital Dome, a powerful platform that is far more than an education and entertainment centre. The Dome is creating the capacity to develop bespoke digital content that enables us to tell our own African stories—such as those emerging from the paleosciences—to audiences around the world. We also steward the world-renowned Sterkfontein Caves in the Cradle of Humankind, a site of extraordinary hominin fossil discoveries and an extension of our laboratory system for research and postgraduate training. In addition, the Global Change Institute stands as a world-leading research facility focused on climate change and environmental sustainability.

Our academics are deeply involved in public engagement, and Wits continues to strengthen its intellectual ties across the African continent. At Wits, we encourage you to go as far and as high as you can. Together, we have a responsibility to make the world a better place. I look forward to welcoming you to the Faculty of Science.

PROFESSOR NITHAYA CHETTY

NATIONAL BENCHMARK TEST

All Faculty of Science applicants must write the National Benchmark Tests (NBT) before being considered for admission (refer to Page 14). There are two tests: The Academic and Quantitative Literacy Test and the Mathematics Test. Your test results are used in addition to your Grade 12 results to identify students who may need additional support during the course of their studies.

RULES FOR THE NBT

You must register on the NBT website, or via mobile phone, to write the tests. Registration closes about three weeks before each test date. You can register for the NBT before you submit your application to Wits. DO NOT wait for an official notification from Wits to register for and write the tests, because you may miss the end of September deadline.

- The test fee can be paid once you have registered to write the test.
- The tests must be written by 31 October 2026. You are encouraged to write the tests as early as possible. Applicants must ensure that their ID number is correct when applying to Wits and registering for the NBT. If not, the University will not receive your results.
- For a comprehensive list of test dates, registration dates and available venues, please refer to the NBT website **www.nbt.ac.za**
- Both tests must be written in one session.
- **ONLY** the first attempt results of the most recent year will be considered. It is advisable not to write the tests more than once in a year.
- NBT results are valid for 3 years.

CHOOSE YOUR PROGRAMME

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Broad Areas of Study in Science

The broad areas of study covered in the BSc degree include:

Biological Sciences

Biology involves the study of living organisms, from understanding genes to managing ecosystems. This includes the biochemistry of molecules, such as DNA, RNA and proteins; the physiological functions of cells, tissues, organs and organ systems; the influence of evolutionary relationships on biological problems; and aquatic and terrestrial ecology.

Biological Sciences fall into two main streams: the School of Animal, Plant and Environmental Sciences and the School of Molecular and Cell Biology.

Courses offered by the School of Animal, Plant and Environmental Sciences cover three broad themes: Biodiversity, Ecology and Conservation and Organismal Biology. You will study living things and their interaction with the environment. Specialist areas include savannas, grasslands and aquatic biology, focusing on biodiversity, sustainable resources and range limitation; ecology and animal behaviour (herbivores,

beetles, rodents, lizards, snakes, birds, etc.); biocontrol; biodiversity; conservation; restoration; ecophysiology; systematics; taxonomy; and evolutionary biology. The courses teach important basic knowledge, while exploring new and relevant fields. Training involves both field work and laboratory skills. The majors combine courses to offer you flexibility and choice.

The School of Molecular and Cell Biology offers four majors: Applied Bioinformatics, Biochemistry and Cell Biology, Genetics and Developmental Biology and Microbiology and Biotechnology.

This programme gives you a comprehensive introduction to molecular advances and their application in medicine, agriculture and biotechnology. Considered the science of the future, molecular understanding has made a substantial impact in a number of disciplines, including bioinformatics, forensics and drug design.

Regardless of the stream you choose, you must register for Introductory Life Sciences, Chemistry and Auxiliary Mathematics in your first year. Other course options include Complementary Life Sciences, Physics Auxiliary, Psychology, Geography, Archaeology and Philosophy.

Earth Sciences

Earth Sciences study the earth's processes, atmosphere and organisms. Specialist fields include the exploration for and mining of, minerals; weather and earthquake prediction; the evolution of species; and the state of our natural environment and how to best manage it.

Earth Sciences courses are taught through the Schools of Geosciences and Geography, Archaeology and Environmental Studies.

Mathematical Sciences

Wits has three 'Mathematical Sciences' schools, including the School of Mathematics, the School of Computer Science and Applied Mathematics, and the School of Statistics and Actuarial Science.

KNOW THE DIFFERENCE

- Pure Mathematics is a developing science.
- Computer Science encompasses both hardware and software, along with their various applications such as algorithms, app and game development, cybersecurity, and artificial intelligence.
- Applied Mathematics involves the study of mathematical principles and techniques with a focus on their practical application to solve real-world problems in various fields such as science, engineering, economics, and technology.
- Statistics and Actuarial Science are important in business and governmental planning, insurance, finance, banking and investments.

Physical Sciences

Physical Sciences include nuclear, particle, solid and liquid state physics, as well as electricity, electronics, magnetism, optics, acoustics, heat and thermodynamics. This area also covers the composition of matter (gas, liquid or solid) and the changes that take place under certain conditions. Physical Sciences are taught by the School of Chemistry and School of Physics.

THE BACHELOR OF SCIENCE (BSc)

This three-year programme allows you to 'design' your own degree. However, various fields of study may be restricted. An additional year could lead to a teaching qualification or a more specialised Honours qualification. And because the Faculty actively encourages research, many students go on to study for a Master of Science and Doctoral degrees.

WHEN PLANNING YOUR BSC DEGREE, KEEP IN MIND.

You need two major courses at third year Level. Choose complementary first year courses that will expand your options as you proceed to second and third year. In some cases, you can include courses from other faculties, like Psychology, Philosophy, or Economics.

The BSc programme is based on a credit system. Each course carries a number of credits, defined by Level and duration. You need to complete a minimum number of science courses to have two major courses at third year Level, one of which must be in the Faculty of Science.

THE BSC CREDIT STRUCTURE

FOUR LEVEL I COURSES
Three of these must be major courses
(minimum of 144 credits)

THREE LEVEL II COURSES
Two of these must be major courses
(minimum of 144 credits)

TWO LEVEL III COURSES
At least one of which must be taken through the Faculty of Science (minimum of 144 credits)

NSC REQUIREMENTS

APS 42 +
English Home Language OR
First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Applied Ecology and Global Change

Bachelor of Science in the field of Biological Sciences

SBA11
MAJOR: APPLIED ECOLOGY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study the foundations of animal, ecology and plant sciences.

This exciting course, offered by the School of Animal, Plant and Environmental Sciences, provides you with the appropriate skills, knowledge and attitudes needed for a range of zoological, botanical and ecological careers and specialisations.

CAREERS

- Agricultural Research Council (ARC)
- Biodiversity Planner
- Biology Education
- Department of Water Affairs and Forestry (DWA)
- Education Officer
- Herbaria (e.g. at Kirstenbosch)
- Medical Research (Linked to Herbal Medicines)
- Nature Conversation
- Research for the Council for Scientific and Industrial Research (CSIR)
- Scientific Journalism
- Private Consulting Firms
- South African National Biodiversity Institute (SANBI)

PROGRAMME OUTLINE

FIRST YEAR

Introductory Life Sciences

AND

Chemistry

AND

Auxiliary Mathematics

AND

Any other Level I course

SECOND YEAR

- Life on Earth: Diversity
- Life on Earth: Evolution
- Ecology, Environment, and Conservation IIA and IIB

AND

- Basic Statistics for the Natural Sciences

AND

- Any other Level II courses

THIRD YEAR

Each major has a choice of the following courses:

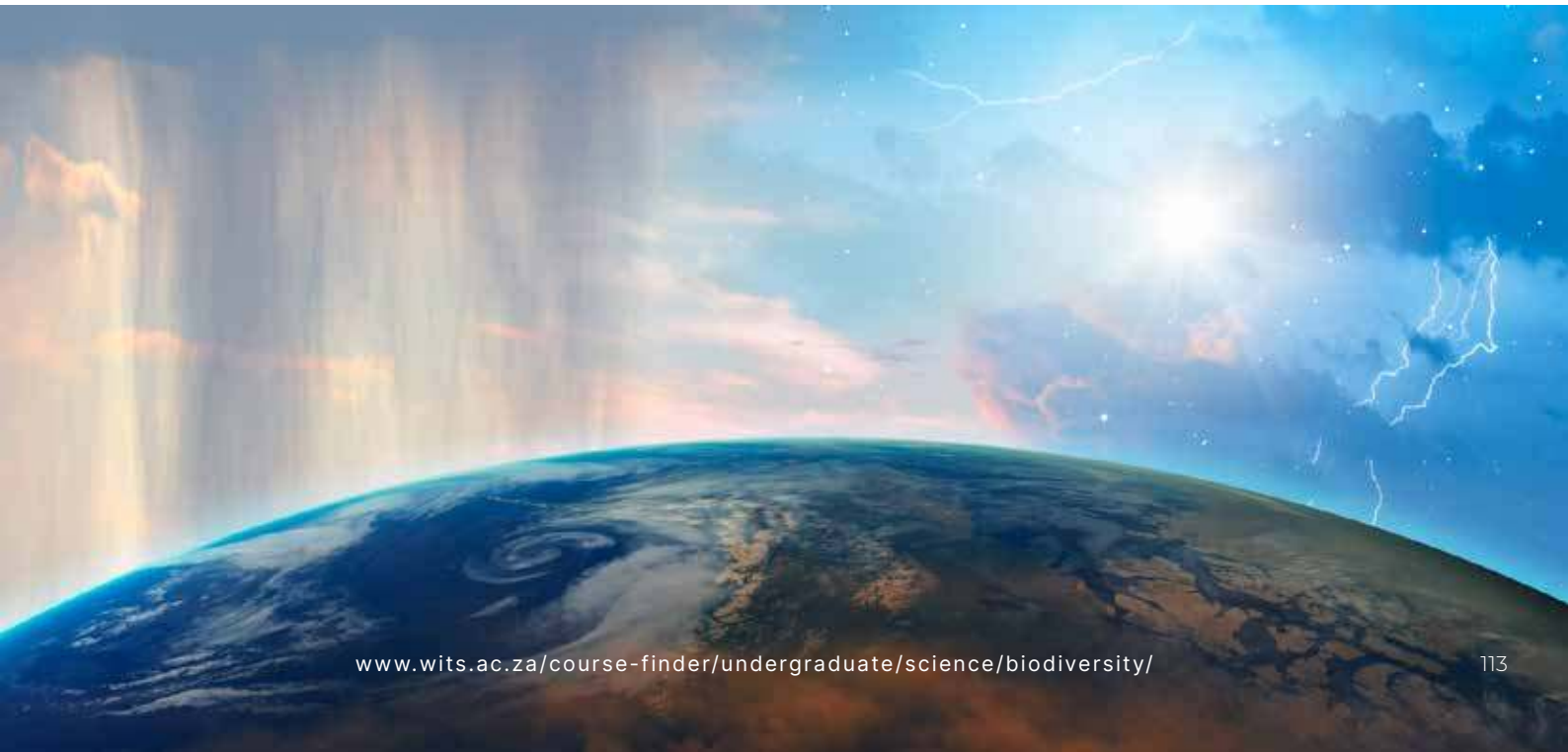
- Applied Ecology and Global Change IIIA: Individuals, Populations and Communities
- Applied Ecology and Global Change IIIB: Managing our Complex World

AND

- Practical Skills in Animal, Plant and Enviromental Sciences III

AND

- Any other Level II courses



Biodiversity in a Changing World

Bachelor of Science in the field of Biological Sciences

SBA11
MAJOR: BIODIVERSITY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25 closing
Closing Date: 30 September

Study how evolution, heredity, and development shape animal and plant life.

Animal and plant life is shaped by central processes of evolution, heredity and development. In the School of Animal, Plant and Environmental Sciences, we focus largely on whole organisms. However, we also cover topics ranging from basic animal or plant biology, including physiology, to animal and plant interactions with the biotic and abiotic characteristics of their environments,The syllabus provides broad competence for careers involving the biology of animals and plants in relation to their environment, including human or veterinary medicine.

This major aligns well with Physiology offered through the Faculty of Health Sciences and is an excellent first degree for continuing in the medical profession.

CAREERS

- Biodiversity Planner
- Biology Education
- Education Officer
- Private Consulting Firms
- Scientific Journalism
- Veterinary Research Institute

RESEARCH OR RELATED WORK IN VARIOUS INSTITUTIONS:

- Council for Scientific and Industrial Research (CSIR)
- Agricultural Research Council (ARC)
- Department of Water Affairs and Forestry (DWA)
- South African National Biodiversity Institute (SANBI)
- Nature conservation, museums (e.g. Ditsong NMNH)

PROGRAMME OUTLINE

FIRST YEAR

Introductory Life Sciences

AND

Chemistry

AND

Auxiliary Mathematics

AND

Any other Level I course

SECOND YEAR

- Life on Earth: Diversity
- Life on Earth: Evolution
- Animal Form and Function
- Plant Form and Function

AND

- Basic Statistics for the Natural Sciences

AND

- Any other Level II courses

THIRD YEAR

Each major has a choice of the following courses:

- Biodiversity in a Changing World IIIA: From Process to Pattern

AND

- Biodiversity in a Changing World IIIB: From Animal Physiology to Behaviour

OR

- Biodiversity in a Changing World IIIB: Plant Ecophysiology

AND

- Research Methods in Animal, Plant and Environmental Sciences III

AND

- Any other level III course
- Course selection is subject to the guidance of the School for second and third year majors.





Applied Bioinformatics

Bachelor of Science in the field of Biological Sciences

SBA11
MAJOR: APPLIED BIOINFORMATICS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study how bioinformatics is used to select and describe computational results.

This programme, offered by the School of Molecular and Cell Biology, helps you to understand how bioinformatics is used in the scientific field. This includes how to select, describe and use basic bioinformatics tools and how to interpret computational results.

You will learn the history and application of bioinformatics, as well as algorithm, pipeline and software development and analysis and the transfer and storage/database development of genomics data. You will also explore gene expression data analysis, protein structure, functional genomics and genome analysis. Bioinformatics is important to genetic research because the large-scale, complex data that is generated in genomics simply would not make sense without contextual knowledge of how life forms work.

CAREERS

- Biomechanics
- Biostatistics
- Conservation Genomics
- Data Management
- Drug Discovery
- Genomics
- Healthcare Scientist
- Molecular Modelling
- Pharmacogenomics
- Precision Medicine

PROGRAMME OUTLINE

FIRST YEAR
Introductory Life Sciences **AND** Chemistry **AND** Auxiliary Mathematics **OR** Mathematics I (Major): · Algebra · Calculus **AND** Any other Level I course Recommended course: · Physics I (Auxiliary)
SECOND YEAR
Molecular and Cell Biology IIA: Molecular Processes **AND** Molecular and Cell Biology IIB: Cells and Organisms **AND** Molecular and Cell Biology IIC: Applications
THIRD YEAR
Applied Bioinformatics **AND** Any other Level III MCB major

Biochemistry and Cell Biology

Bachelor of Science in the field of Biological Sciences

SBA11
MAJORS: BIOCHEMISTRY AND CELL BIOLOGY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study life forms and their functions at the molecular level.

Biochemistry embraces the fascinating worlds of Molecular Biology, Biotechnology, Genetic Engineering, Immuno-Technology, Advanced Cell Biology and Enzymology.

In Biochemistry and Cell Biology, you will study all living organisms (microbes, parasites, plants, insects, animals and humans) at the molecular level. You will investigate the structure and biological functions of enzymes, carbohydrates, fats, proteins and nucleic acids.

You will use computational biology to visualise these molecules in three dimensions and you will apply your knowledge to drug design. You will also learn how these molecules function in cells, how they orchestrate our immune systems and how vaccines are developed.

CAREERS

- Analytical Biochemistry
- Biomedical Scientist
- Clinical Biochemistry
- Forensic Scientist
- Healthcare Scientist
- Industrial Enzymology
- Life Science Research Scientist
- Nanotechnologist
- Personalised Medicines
- Protein Biotechnology

PROGRAMME OUTLINE

FIRST YEAR
Introductory Life Sciences **AND** Chemistry **AND** Auxiliary Mathematics **AND** Any other Level I course
SECOND YEAR
Molecular and Cell Biology IIA: Molecular Processes **AND** Molecular and Cell Biology IIB:Cells and Organisms **AND** Molecular and Cell Biology IIC: Applications (for double-MCB major students) **OR** Any other Level II course
THIRD YEAR
Biochemistry and Cell Biology **AND** Any other Level III major





Genetics and Developmental Biology

Bachelor of Science in the field of Biological Sciences

SBA11
MAJORS: GENETICS AND DEVELOPMENTAL BIOLOGY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study how genes function.

This is the era of the gene. You can sequence it. You can research how it functions. You can study how it makes an animal, plant, bacterium, or virus. You can understand how it evolves and how it can make cells cancerous. What's more, with the help of modern tools, you can now quickly and precisely edit a plant or animal genome.

See how genes are transforming biology, biotechnology, the pharmaceutical industry and medicine.

Be part of the exciting advances in genetics and genomics, and at the forefront of applied research, by joining MCB. The courses within the Genetics and Developmental Biology major include: Gene Regulation in Eukaryotes, Genomes and Genomics, Population Genetics and Advanced Developmental Biology.

CAREERS

- Clinical Research Associate
- Genetic Counselling
- Healthcare Scientist (Immunology)
- Medical Diagnostics
- Pharmacogenetics
- Plant and Animal Breeding
- Research Scientist (Life Sciences and Medical)
- Scientific and Medical Research

PROGRAMME OUTLINE

FIRST YEAR
Introductory Life Sciences **AND** Chemistry **AND** Auxiliary Mathematics **AND** Any other Level I course
SECOND YEAR
Molecular and Cell Biology IIA: Molecular Processes **AND** Molecular and Cell Biology IIB: Cells and Organisms **AND** Molecular and Cell Biology IIC: Applications (for double-MCB major students) **OR** Any other Level II course
THIRD YEAR
Genetics and Developmental Biology **AND** Any other Level III major

Microbiology and Biotechnology

Bachelor of Science in the field of Biological Sciences

SBA11
MAJORS: MICROBIOLOGY AND BIOTECHNOLOGY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 41-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study microbe groups, their morphology, metabolism, genetics and taxonomy.

Microbiology and Biotechnology is the study of small living creatures, or microbes, including bacteria, viruses, yeasts, and fungi. Our courses provide you with basic knowledge of the various microbe groups, their morphology, metabolism, genetics and taxonomy. Microbiology and Biotechnology embrace environmental biotechnology, industrial microbiology, food and medical microbiology and plant genetic engineering.

CAREERS

- Agricultural, Medical, Environmental and Veterinary Biotechnology
- Brewing
- Industrial Biotechnology
- Food Security
- Insecticides Research and Production
- Healthcare Scientist (Immunology)
- Microbiology
- Nanotechnology
- Pharmacology
- Production of Scientific Products
- Water Quality Research



PROGRAMME OUTLINE

FIRST YEAR
Introductory Life Sciences **AND** Chemistry **AND** Auxiliary Mathematics **AND** Any other Level I course
SECOND YEAR
Molecular and Cell Biology IIA: Molecular Processes **AND** Molecular and Cell Biology IIB: Cells and Organisms **AND** Molecular and Cell Biology IIC: Applications (for double-MCB major students) **OR** Any other Level II major course
THIRD YEAR
Microbiology and Biotechnology **AND** Any other Level III major

Geographical and Archaeological Sciences

Bachelor of Science in the field of Geographical and Archaeological Sciences

SBA10
MAJORS: GEOGRAPHY AND ARCHAEOLOGY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study environmental change, policy, systems, information systems and remote sensing.

Teaching and research in Geography closely engages with the southern African region while drawing on broad theoretical frame works and global matters such as climate change, environmental policy and development agendas. An undergraduate degree in Geography provides grounding in:

Earth Systems - from climate studies and meteorology, to earth surface processes, to earth's biodiversity and ecosystems.

Environmental Change - from land degradation to environmental management.

Environmental Policy - including global and national environmental agendas, shortfalls and policy implementation.

Geographical Information Systems and Remote Sensing - including developing these important transferable technical skills.

Human Society - looking at economic development, climate and society, cultural geography, food security and urban dynamics. In addition to course work, embark on group fieldwork and independent research and field trips take place throughout the programme.

South Africa's archaeological record is particularly rich. It covers a period of over two million years, starting with the first toolmakers. Archaeology is a dynamic subject that grows with each new discovery or technological advance. As a prospective archaeologist, you will learn about the origins of humans, rock art and the evolution of technology from the Stone Age to the present. Fieldwork takes you to some of South Africa's best archaeological sites.

CAREERS

- Biodiversity Conservation
- Climate Change
- Environmental Assessment
- Ecosystem Services
- Food Security
- Geomorphology
- Hydrology
- Market Research
- Meteorology and Weather Forecasting
- Property Development
- Urban Development
- Rural Development
- Tourism Development
- Water or Aquatic Resources Management
- Contract Archaeology
- Conservation
- Environmental and Cultural Heritage Management
- Heritage Assessors
- Museum Curator
- Museum Development
- Research
- Site Development
- Tourism and Media

PROGRAMME OUTLINE

FIRST YEAR

Geography I
AND Archaeology I
AND Auxiliary Mathematics I
OR
Mathematics I (Major)
- Algebra
- Calculus

AND Any other Level I course

SECOND YEAR

- Earth and Atmospheric Processes
- Methods, Models and Geographical Information Systems
- Thinking Geographically: Concepts and Practices in Human Geography
- Environmental Governance: From Local to Global **OR** Conservation Biogeography

AND Archaeology II
AND Any other Level II course

THIRD YEAR

Geography III - Four courses from:
- Food: Security, Politics and Culture
- Climate and Environmental Change
- Economic Geography
- Environmental Monitoring and Modelling
- Remote Sensing and Photogrammetry III
- Theory and Practice in Sustainability Science and Sustainable Development
- Urban Futures: The Political-Economy of Population and Scarcity
- Advanced Atmospheric Sciences

AND/OR Archaeology III
AND/OR Any other Level III major

NB: All eight Geography III courses may be taken for a double major in Geography

Environmental Studies

Bachelor of Science in the field of Environmental Studies

SBA22
MAJORS: ENVIRONMENTAL STUDIES III
DURATION: 3 YEARS

NSC REQUIREMENTS

APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

This major provides students with a cross-cutting and interdisciplinary science and social science education, focusing in particular on the historical and contemporary issues facing southern Africa today, including climate and environmental change, resource management (including heritage resources), environmental justice and sustainability. This major pathway is designed to be integrated and multidisciplinary, to encourage students to develop skills that can be applied to national-scale issues of development, transformation and employability in South Africa

CAREERS

- Environmental manager
- Environmental consultant
- Hydrologist
- Government
- Resource manager
- Conservationist
- Environmental Impact assessment
- Tourism officer
- Climate change impacts analyst

PROGRAMME OUTLINE

FIRST YEAR

Auxiliary Mathematics or Mathematics I (major):

- Algebra
- Calculus

AND

Any three other level one courses, recommended courses:

- Geography
- Introductory Life Sciences
- Archaeology

SECOND YEAR

- People and the Environment in Africa
- Nature, Climate and Society

AND

Any two other Level II majors

THIRD YEAR

- Theory and Practice in Sustainability Science and Sustainable Development
- Contemporary Environmental Issues in Southern Africa

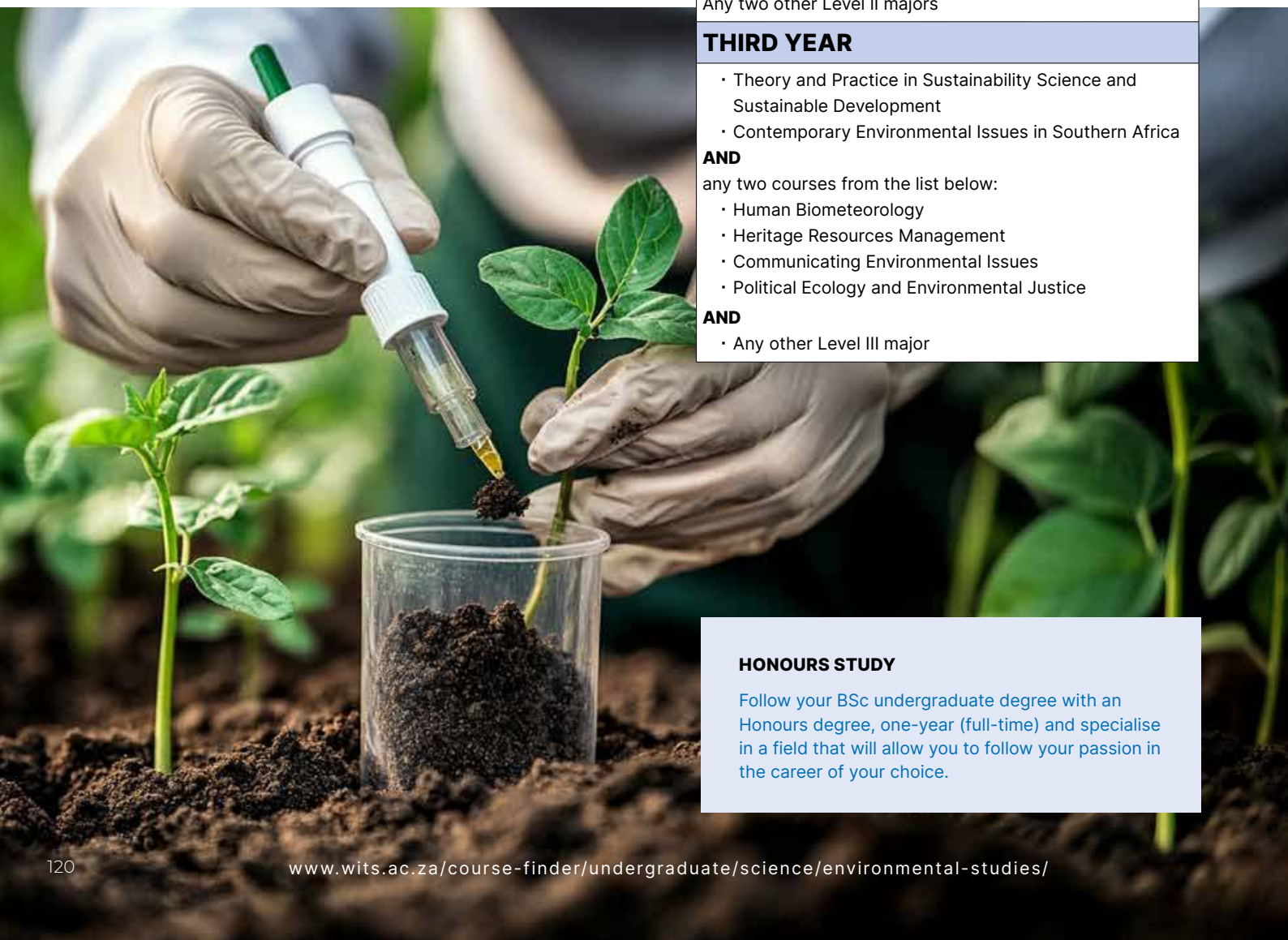
AND

any two courses from the list below:

- Human Biometeorology
- Heritage Resources Management
- Communicating Environmental Issues
- Political Ecology and Environmental Justice

AND

- Any other Level III major



HONOURS STUDY

Follow your BSc undergraduate degree with an Honours degree, one-year (full-time) and specialise in a field that will allow you to follow your passion in the career of your choice.

Geospatial Sciences

Bachelor of Science in the field of Geospatial Sciences

SBA20
MAJORS: GEOSPATIAL SCIENCES III AND GEOGRAPHIC INFORMATION SYSTEMS AND REMOTE SENSING III
DURATION 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualification: Page 25
Closing Date: 30 September

Study information technology to understand life on earth.

Geospatial Sciences is a discipline that focuses on using information technology to understand people, places and processes of the earth. Remote Sensing, Geographic Information Systems and Global Positioning Systems technologies are commonly used as measurement, observation and analysis tools.

If you have good Mathematics and Physical Sciences marks and take Geography 1 onwards, you can specialise in technical skills in GIS and Remote Sensing amongst other industry-ready applications.

CAREERS

- Applications Specialist
- Cartographer
- Computer Scientist
- Database Administrator
- Geographer
- GIS Image Analyst
- Photogrammetrist
- Physical Scientist
- Project Manager
- Remote Sensing Scientist
- Surveyor

PROGRAMME OUTLINE

FIRST YEAR

Geography

AND

Auxiliary Mathematics

AND

Additional courses yielding a minimum of 72 Level I credits

Recommended courses:

- Introductory Life Sciences
- Chemistry I

SECOND YEAR

Geospatial Sciences:

- Engineering Surveying
- Fundamentals of Geospatial Programming
- Physical Fundamentals of Remote Sensing
- Principles of Geospatial

Database Systems AND

- Basic Statistics for Natural Sciences

AND

Geography II:

- Geographic Information Systems, Science and Mapping Systems
- Thinking Geographically: Concepts and Practices in Human Geography

AND

Any two courses yielding 12 credits each as listed below:

- Earth and Atmospheric Processes
- An Introduction to Climate Change and Society
- Environmental Governance: From Local to Global
- Conservation Biogeography

AND

- Any other Level II course

THIRD YEAR

Geospatial Sciences III:

- Geospatial Data Design and Management
- Project Management in Geospatial Science
- Spatial Data Analysis and Modelling
- Introduction to Spatial Statistics

AND

Remote Sensing and Photogrammetry

AND

Three courses from the list below:

- Economic Geography
- Climate and Environmental Change
- Advanced Atmospheric Sciences
- Theory and Practice in Sustainability Science and Sustainable Development
- Environmental Monitoring and Modelling
- Urban Futures: The Political Economy of Population and Scarcity
- Food: Security, Politics and Culture
- Geospatial Data Design and Visualization

Geological Sciences

Bachelor of Science in the field of Geological Sciences

SBA09
MAJORS: GEOLOGY AND APPLIED GEOLOGY
DURATION 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Physical Sciences Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualification: Page 25
Closing Date: 30 September

Study mineral exploration and extraction.

Geoscientists are key to South Africa and Africa's current and future economic development and carry out important work in searching for and extracting economic mineral resources. Most graduates work in mines or for mineral exploration companies. An increasing number of graduates work in environmental geoscience. As a geoscientist, you must be inquisitive and passionate about the earth, be prepared to travel and enjoy working outdoors or in a mining environment. South Africa's large mining sector provides bursary opportunities.

The School also offers a co-major in Applied Geology. If you comajor in two of Geology, Mathematics, and Physics, you also have the option of postgraduate study in Geophysics.

CAREERS

- Mining Geologist
- Hydrogeologist
- Academic Researcher
- Environmental Consultant
- Geochemist
- Exploration Geologist
- Geophysics Consultant
- GIS-Remote Sensing Specialist
- Government Survey Geologist
- Mineralogist
- Heritage/Tourism Consultant
- Mining Analyst
- Minerals and Oil Exploration Geologist
- Palaeontologist
- Teacher

PROGRAMME OUTLINE

FIRST YEAR

Chemistry
Geology
AND
Auxiliary Mathematics I or Mathematics I (Major):

- Algebra
- Calculus

AND
Any other Level I course
Recommended courses:

- Geography
- Physics I (Major)

SECOND YEAR

Geology II:

- Igneous Petrology and Processes
- Mineralogy and Optical Mineralogy
- Metamorphic Petrology and Processes
- Sedimentology, Stratigraphy and Palaeontology

AND
Applied Geology II:

- Introduction to Geochemical Techniques
- Geological Mapping Techniques

AND
Basic Statistics for Natural Scientists
AND
Any other Level II course

THIRD YEAR

Geology III:

- Advanced Petrology
- Economic Geology and Ore Petrology
- Structural Geology
- Physics of the Earth

AND
Applied Geology III:

- Advanced Geological Mapping Techniques
- Exploration Methods
- Geographical Information Systems and Remote Sensing
- Hydrogeology and Water Resource Management





Actuarial Science

Bachelor of Science in the field of Actuarial Science

SBA03
MAJORS: ACTUARIAL SCIENCE AND MATHEMATICAL STATISTICS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 44 +
English Home Language or First Additional Language Level 7
Mathematics Level 7
Physical Sciences Level 7
Waitlisting
Applicants with 44+ points and English Level 6, Mathematics Level 7 and Physical Sciences Level 7 may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study the application of analytical, statistical and mathematical skills to financial and business problems.

A Wits Actuarial Science degree gives you a solid foundation for the internationally recognised actuarial examination. Over 820 graduates have qualified as Fellow Actuaries since the programme began in 1983.

An actuary is a professional who applies analytical, statistical and mathematical skills to financial and business problems. This is especially valuable when facing problems involving uncertain future events or financial risks in insurance, retirement, investments and risk management environments.

The School of Statistics and Actuarial Sciences offers the largest number of accredited courses of any single university in Africa.

CAREERS

- Asset Management
- Banking
- Consulting
- Enterprise Risk Management
- General Insurance
- General Management
- Health Care
- Life Insurance
- Research and Planning
- Retirement Funding

PROGRAMME OUTLINE

FIRST YEAR

Actuarial Science
AND
Mathematical Statistics
AND
Mathematics I (Major):

- Algebra
- Calculus

AND

- Economic Theory IA Microeconomics
- Economic Theory IB Macroeconomics

AND
Business Accounting

SECOND YEAR

Actuarial Science
AND
Mathematical Statistics
AND
Mathematics II:

- Abstract Mathematics
- Differential Equations
- Basic Analysis
- Linear Algebra
- Multivariable Calculus
- Advanced Analysis

THIRD YEAR

Actuarial Science III:

- Computers and Communications for Actuaries
- Life Contingencies
- Actuarial Economics
- Actuarial Reserving Techniques

AND
Mathematical Statistics III:

- Multivariate Data Analytics
- Risk Theory
- Statistical Elements of Machine Learning
- Stochastic Processes
- Survival Analysis
- Time Series

Computational and Applied Mathematics

Bachelor of Science in the field of Computational and Applied Mathematics

SBA21
MAJOR: COMPUTATIONAL AND APPLIED MATHEMATICS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 44 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Waitlisting
Applicants with 41-43 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study the application of mathematical and computational techniques to model, solve, and understand problems in a wide variety of fields and contexts.

In the 21st century, we find ourselves living in a complex and modern world that requires thoughtful and well-reasoned analytical, mathematical, and computational tools and methods in order to solve the burning problems and answer the critical questions that we are being faced with. These span a variety of fields including the physical, biological, and social sciences as well as within commerce, business, and finance.

The undergraduate Computational and Applied Mathematics curriculum will teach you these applied mathematical problem-solving skills as well as develop the use of computational methods and the implementation of algorithms on computers as a key component of problem-solving. You will take courses where the focus is on modelling and solving problems from a variety of areas including business, engineering, and science, and using mechanics, optimisation, differential equations, and scientific computing skills in order to achieve the intended outcomes. Through this course, you will also develop skills in critical thinking, analytical reasoning, and effective scientific communication.

As an applied mathematician, you will find yourself straddling different fields because you are working on understanding very interdisciplinary problems. As such, being a student who is majoring in applied mathematics places you in a unique position of being enrolled in a semi-flexible curriculum that has a wide and diverse variety of options giving you the opportunity to tailor-make a suite of course choices that are aligned to your own interests, and career aspirations and goals. These courses may be chosen from: physics, chemistry, computer science, biology, astrophysics, geology, philosophy, economics, finance, and accounting. In general, these additional courses should be ones that broaden your skills and have multifaceted value.

Applied mathematicians working in the school as well as in industry are involved in making meaning of and understanding the world that we live in, and working on real-world problems with real consequences for real people living in the real world. Applied Mathematics has thus become a very powerful and practical tool in many disciplines and professions. The specialised task of finding practical solutions to real-life problems by means of mathematical invention and computational expertise is the objective of researchers in the School of Computer Science and Applied Mathematics at Wits.

CAREERS

- Analytics (Data, Quantitative, Risk, Supply Chain)
- Forecasting
- Consulting
- Investment Banking
- Finance and Financial Services
- Operations Research
- Data Scientist
- Systems and Modelling Engineer
- Programmer
- Developer
- Research and Academia
- Teaching

PROGRAMME OUTLINE

FIRST YEAR

Computational and Applied Mathematics I:
- Mathematical Methods and Modelling I
- Mechanics I
- Scientific Computing I

AND
Mathematics I (Major):
- Algebra
- Calculus

AND
Any two other Level I courses. Recommended courses:
Computer Science I:
- Discrete Computational Structures
- Introduction to Algorithms and Programming
- Introduction to Data Structures and Algorithms
- Basic Computer Organisation

Physics I (Major)

SECOND YEAR

Computational and Applied Mathematics II:
- Mathematical Methods and Modelling II
- Mechanics II
- Scientific Computing II

AND
Mathematics II:
- Abstract Mathematics
- Basic Analysis
- Introduction to Mathematical Statistics
- Linear Algebra
- Multivariable Calculus
- Advanced Analysis

AND Any other Level II course

THIRD YEAR

Computational and Applied Mathematics III:
- Mathematical Methods and Modelling III
- Mechanics III
- Scientific Computing III

AND Any other Level III major

Computer Science

Bachelor of Science in the field of Computer Science

SBA13
MAJORS: COMPUTER SCIENCE AND COMPUTATIONAL APPLICATIONS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 44 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Waitlisting
Applicants with 41-43 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study the many ways in which computers can be used in problem-solving.

Computer Science is the discipline of solving problems via solutions that are implemented on computers. These problems can arise from a variety of areas, such as commerce, finance, mining, science, engineering, mathematics, music and entertainment. To be a successful Computer Science student, you will need to be creative and have good critical thinking skills, analytical ability and mathematical ability.

The undergraduate Computer Science curriculum teaches you the fundamental mathematical and scientific principles behind Computer Science, as well as the practical skills required. You will be taught how to design and implement programmes and how to analyse them for correctness and efficiency. You will also take courses in computer networks, database systems, operating systems, artificial intelligence, formal languages, software design and data structures.

CAREERS

- Game Design
- Software Development
- Software and System Architects
- Teaching
- Research
- Database and System Administration
- App Development
- Data Scientist
- Machine Learning Engineer
- Robotics
- Artificial Intelligence
- Consulting
- Cyber Security

PROGRAMME OUTLINE

FIRST YEAR

Computer Science I:

- Basic Computer Organisation
- Discrete Computational Structures
- Introduction to Algorithms and Programming
- Introduction to Data Structures and Algorithms

AND

Mathematics I (Major):

- Algebra
- Calculus

AND

Computational and Applied Mathematics I:

- Mathematical Methods and Modelling I
- Mechanics I
- Scientific Computing I

AND

Any other level I course

SECOND YEAR

Computer Science II:

- Analysis of Algorithms
- Computer Networks
- Database Fundamentals
- Mobile Computing

AND

Mathematics II:

- Abstract Mathematics
- Basic Analysis
- Linear Algebra
- Multivariable Calculus
- Introduction to Mathematical Statistics
- Advanced Analysis

AND

Computational and Applied Mathematics II:

- Mathematical Methods and Modelling
- Mechanics
- Scientific Computing

THIRD YEAR

Computer Science III:

- Analysis of Advanced Algorithms
- Formal Languages and Automata
- Operating Systems and System Programming
- Software Design or Software Engineering

AND

Computational Applications III:

- Computer Graphics and Visualisation
- Machine Learning
- Parallel Computing
- Software Design Project

Mathematical Sciences

Bachelor of Science in the field of Mathematical Sciences

SBA08
MAJORS: MATHEMATICS AND STATISTICS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 44+
English Home Language or First Additional Language Level 7
Mathematics Level 7
Physical Sciences Level 7
Waitlisting
Applicants with 44+ points and English Level 6, Mathematics Level 7 and Physical Sciences Level 7 may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study statistics and computations and develop problem-solving skills.

The Mathematical Sciences curriculum will develop your problem-solving skills, combining statistical and computational aspects. These high-level skills can be applied in high-performance computing, robotics, data science, operations research and many other areas. Theoretical and practical skills are necessary in Mathematical Sciences when pushing the boundaries of technological development.

CAREERS

- Banking
- Statistician

PROGRAMME OUTLINE

FIRST YEAR

Mathematics I (Major):
- Algebra
- Calculus

AND

Computational and Applied Mathematics I:
- Mathematical Methods and Modelling I
- Mechanics I
- Scientific Computing I

AND

Mathematical Statistics

AND

Additional courses yielding a minimum of 54 Level I credits

SECOND YEAR

Mathematics II:
- Basic Analysis
- Abstract Mathematics
- Differential Equations
- Multivariable Calculus
- Linear Algebra
- Advanced Analysis

AND

Computational and Applied Mathematics II:
- Mathematical Methods and Modelling II
- Mechanics II
- Scientific Computing II

AND

Mathematical Statistics

THIRD YEAR

Mathematical Statistics III:
- Multivariate Data Analytics
- Risk Theory
- Statistical Elements of Machine Learning
- Stochastic Processes
- Survival Analysis
- Time Series

AND

Computational and Applied Mathematics III:
- Mathematical Methods and Modelling III
- Mechanics III
- Scientific Computing III

OR

Mathematics III:
- Group Theory
- Real Analysis
- Complex Analysis
- Number Theory

OR
- Topology
- Coding and Cryptography

OR
- Advanced Real Analysis
- Rings and Fields

OR
- Positive Linear Systems

Chemistry

Bachelor of Science in the field of Physical Sciences (Chemistry)

SBA12
MAJORS: CHEMISTRY AND APPLIED CHEMISTRY
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or
First Additional Language Level 5
Mathematics Level 6
Physical Sciences Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study the structure, composition, behaviour and energetics of substances.

Chemistry is known as the central science because it lies between Physics and Mathematics on the one hand and Biological and Earth Sciences on the other. It is concerned with matter and how it changes. As a chemist, you will study the structure, composition, behaviour and energetics of substances. You will explore what happens when atoms and molecules react and try to understand the underlying changes that occur. You will observe phenomena in the world around us and your discoveries could impact our everyday lives.

Chemistry trains you to think logically, analytically and creatively. Basic Chemistry skills have applications in patent law, commerce, management and teaching, drawing on the language of Mathematics and the laws of Physics to describe the world from a chemical, biological and physical point of view. Chemistry plays a vital part in our understanding of the structure and interactions of matter in the universe.

CAREERS

- Administrators
- Agricultural Research
- Applied Chemical Research
- Biotechnology
- Chemical Analysis
- Chemical Services
- Consultants
- Environmental Research
- Food and Drink Technology
- Forensic Science
- Forestry Research
- Hazardous Waste Management
- Materials Research
- Medical Research
- Patents
- Pesticides Industry
- Petrochemical Industry
- Personal Care Chemistry
- Sales of Scientific Equipment
- Science Publishing
- Science Teacher
- Textile Chemistry
- Water Treatment and Analysis
- Quality Control and Management

PROGRAMME OUTLINE

FIRST YEAR

Chemistry I
AND
Mathematics I (Major):
- Algebra
- Calculus

OR
Auxiliary Mathematics
AND
Any two other Level I courses
Recommended courses:
- Physics I (major)

OR
Physics I (Auxiliary)

SECOND YEAR

Chemistry II:
- Chemistry IIA
- Chemistry IIB

AND
Recommended courses:
- Applied Chemistry IIA
- Applied Chemistry IIB

AND
Any other Level II course

THIRD YEAR

Chemistry III:
- Chemistry IIIA
- Chemistry IIIB

AND
Recommended courses:
- Applied Chemistry IIIA
- Applied Chemistry IIIB

OR
Any other Level III course

Chemistry with Chemical Engineering

Bachelor of Science in the field of Chemistry with Chemical Engineering

SBA04
MAJORS: APPLIED CHEMISTRY AND CHEMISTRY
DURATION 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Physical Sciences Level 6
Waitlisting
Applicants with 40-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study industrial chemical processes for the production of important materials.

Chemical engineers combine the disciplines of Chemistry and Physics, expressed in mathematical language, with concepts such as course operations and reaction kinetics, to develop industrial chemical processes.

As a chemical engineer, you will build on the findings of the research chemist, who works with small amounts of materials in the laboratory. You will be concerned with the design, construction, operation and marketing of equipment that can reproduce the processes or products developed by chemists on a large scale. These include materials needed for specialist applications in the aerospace, automotive, biomedical and electronics industries. You might also work in biotechnology, designing bioreactors for plant cultures, or using bacteria to extract minerals from their ores, or in electronics, where you will conduct research on the synthesis of micro-electronic components.

CAREERS

- Administrators
- Agricultural Research
- Applied Chemical Research
- Biotechnology
- Chemical Analysis
- Chemical Services
- Consultants
- Environmental Research
- Food and Drink Technology
- Forensic Science
- Forestry Research
- Hazardous Waste Management
- Medical Research
- Patents
- Pesticides Industry
- Petrochemical Industry
- Personal Care Chemistry
- Sales of Scientific Equipment
- Science Publishing
- Science Teacher
- Textile Chemistry
- Water Treatment and Analysis
- Quality Control and Management

PROGRAMME OUTLINE

FIRST YEAR

Chemistry

AND Mathematics I (Major):
- Algebra
- Calculus

AND

Physics I (Major)

AND

Engineering Analysis and Design IA and IB

AND

Any one course from the list below:
- Elementary Sesotho Language and Culture IA
- Elementary IsiZulu Language and Culture IA
- The International Relations of South Africa and Africa
- Introduction to Political Studies
- Southern Africa in the Era of Globalisation
- Identity and Society

SECOND YEAR

Computing for Process Engineering

AND

Electrical Engineering

AND

Mathematics II (Engineering)

AND

Chemistry IIA AND Chemistry IIB

AND

Process Engineering Fundamentals IIA

AND

Economic Concepts IA

THIRD YEAR

Applied Chemistry III:
- Applied Chemistry IIIA
- Applied Chemistry IIIB

AND

Chemistry III:
- Chemistry IIIA
- Chemistry IIIB

AND

Process Engineering Fundamentals IIB

The School of Chemistry offers a 3-year BSc degree that combines a Chemistry major with Chemical Engineering topics. After obtaining the first degree, students can complete a BSc degree in Chemical Engineering in a further two years or proceed to a higher degree in Chemistry. This is a unique offering from Wits where one can attain two degrees within five years.

Astronomy and Astrophysics

Bachelor of Science in the field of Astronomy and Astrophysics

SBA15
MAJORS: PHYSICS AND ASTROPHYSICS
DURATION 3 YEARS
NSC REQUIREMENTS
APS 43 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Physical Sciences Level 6
Waitlisting
Applicants with 40-42 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study astronomical data and understand how the universe works.

Astrophysicists interpret astronomical data gathered by astronomers to understand how our universe works. Astronomers view the entire electromagnetic spectrum – called "Multi-Frequency Astronomy" – through optical telescopes, radio telescopes, microwaves, gamma-rays and X-rays.

An exciting career awaits you in Astronomy and Astrophysics in South Africa, which was awarded the Square Kilometre Array (SKA) project.

This comprises a core of radio telescopes in the Karoo, and is one of many projects supported by our own South African Large Telescope (SALT), an optical telescope sited at Sutherland.

CAREERS

- Astrophysicist
- Physicist

PROGRAMME OUTLINE

FIRST YEAR

Physics I (Major)

AND

Mathematics I (Major):

- Algebra
- Calculus

AND

Computational and Applied Mathematics I:

- Mathematical Methods and Modelling I
- Mechanics I
- Scientific Computing I

AND

Astrophysics:

- Introduction to Astronomy
- Modern Astrophysics

SECOND YEAR

Physics II:

- Physics IIA (Major)
- Physics IIB (Major)

AND

Mathematics II:

- Multivariable Calculus
- Introduction to Mathematical Statistics
- Linear Algebra

AND

Computational and Applied Mathematics II:

- Mathematical Methods and Modelling II
- Mechanics II
- Scientific Computing II

AND

- Modern Radio and Gamma–ray Astronomy
- Relativity: The Basis of Cosmology and Astrophysics

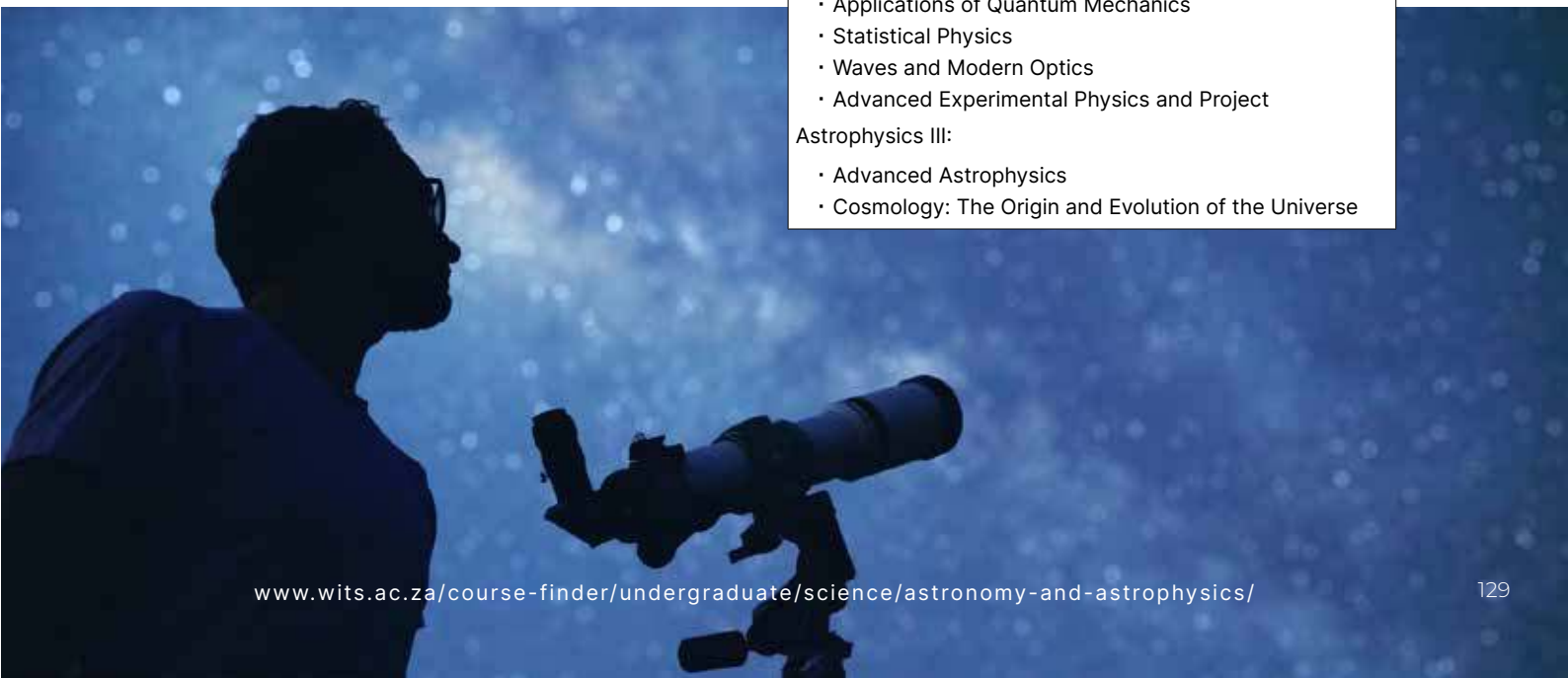
THIRD YEAR

Physics III:

- Quantum Mechanics
- Applications of Quantum Mechanics
- Statistical Physics
- Waves and Modern Optics
- Advanced Experimental Physics and Project

Astrophysics III:

- Advanced Astrophysics
- Cosmology: The Origin and Evolution of the Universe





Physics

Bachelor of Science in the field of Physical Sciences (Physics)

SBA12
MAJOR: PHYSICS
DURATION: 3 YEARS
NSC REQUIREMENTS
APS 42 +
English Home Language or First Additional Language Level 5
Mathematics Level 6
Physical Sciences Level 5
Waitlisting
Applicants with 40-41 points may be wait-listed, subject to place availability.
International Qualifications: Page 25
Closing Date: 30 September

Study analytical and problem-solving skills in an increasingly technological society.

A degree in Physics equips you with analytical and problem-solving skills, which are in high demand. These skills also offer a background for understanding an increasingly technological society. Additionally, the course will equip you with experience for life-long learning in a rapidly changing world; mathematical skills that can be applied in many environments; and computational skills that are marketable in many sectors of the economy.

CAREERS

- Communications
- Consultants and Administrators
- Education
- Environmental Science
- Law
- Physics Research
- Project Managers
- Software Engineers

PROGRAMME OUTLINE

FIRST YEAR

Physics (Major)

AND

Mathematics I (Major):

- Algebra
- Calculus

AND

Chemistry

AND

Any other Level I course

SECOND YEAR

Physics II:

- Physics IIA **AND** IIB

AND

Mathematics II:

- Abstract Mathematics
- Differential Equations
- Basic Analysis
- Linear Algebra
- Multivariable Calculus
- Advanced Analysis

AND

Any other Level II course

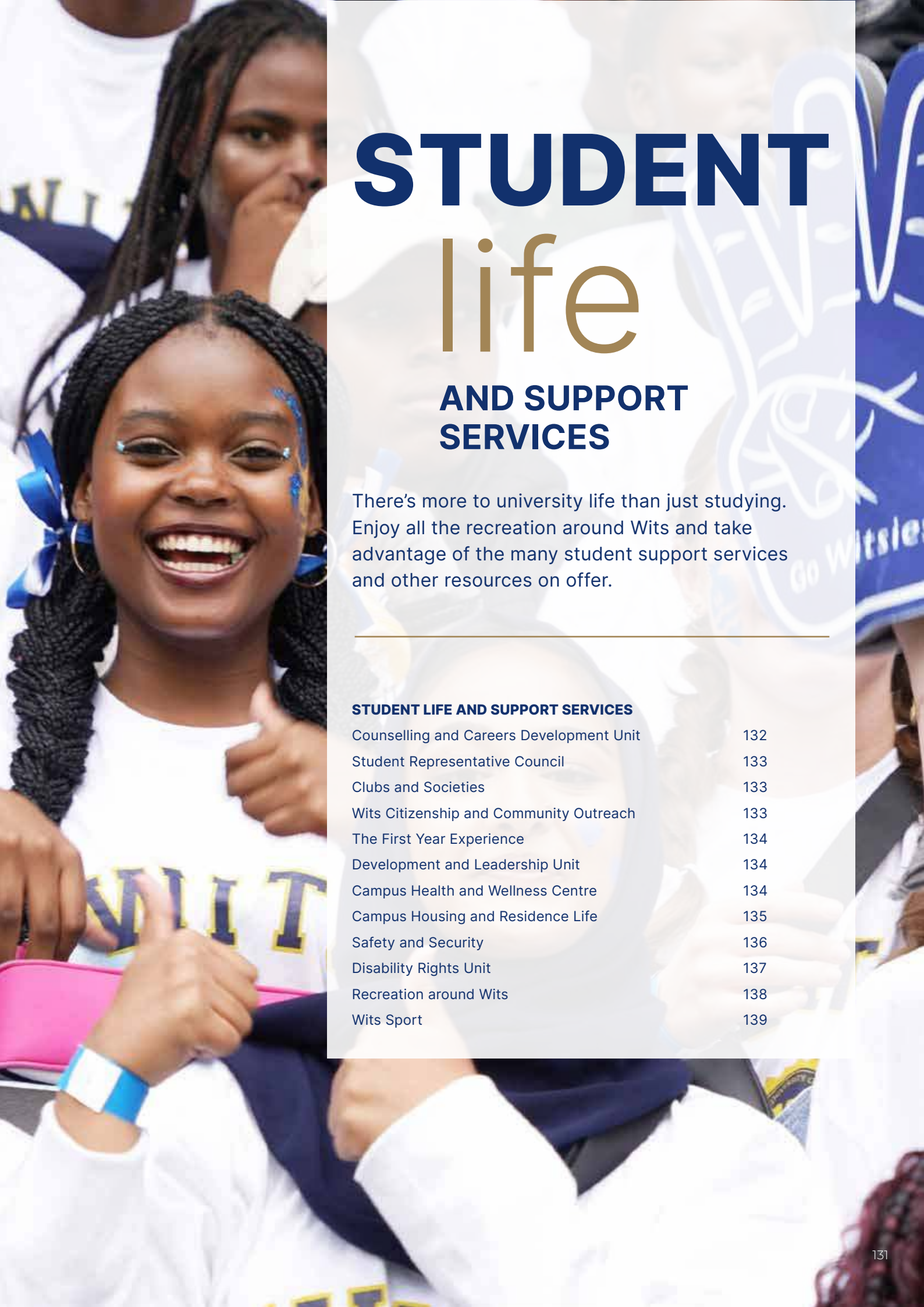
THIRD YEAR

Physics III:

- Advanced Experimental Physics and Project
- Statistical Physics
- Quantum Mechanics
- Waves and Modern Optics
- Applications of Quantum Mechanics
- Introduction to Geophysics

AND

Any other Level III major



STUDENT life

AND SUPPORT SERVICES

There's more to university life than just studying. Enjoy all the recreation around Wits and take advantage of the many student support services and other resources on offer.

STUDENT LIFE AND SUPPORT SERVICES

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Student Support and Resources

The Division of Student Affairs offers student support, student development and co-curricular opportunities as an integral part of your journey to academic success, leadership skills, engaged citizenship and a rich Wits experience. These services and opportunities are offered via the following units:

Counselling and Careers Development

CAREER GUIDANCE AND PROFESSIONAL SUPPORT SERVICES

You're at Wits to get an excellent education – no question about that. But which career path should you pursue? And how can you acquire a realistic appreciation of the world of work? The Counselling and Careers Development Unit (CCDU) can help.

1. If you're in Grade 11 or 12, schedule a career counselling session with a Career Practitioner. This will help you clarify your career goals, align your subject choices with your career aspirations, and identify suitable career paths to make an informed decision. Sessions are available both in person and online for your convenience. Contact the Unit for an appointment.
2. If you're a Grade 11 or 12 learner, a current university student or an adult considering a mid-career change, you could also consider doing a Psychometric Career Assessment (at a fee). Contact the Unit for more information. This programme uses both computerised and written psychometric assessment tools to evaluate your learning potential, interests, personality and values to assist you in choosing suitable study and career options.

The Unit also offers a range of support services to students once they embark on their journey at Wits. These services are aimed at helping students to be the best possible versions of themselves while at Wits. Provided in a welcoming, empowering and safe space, these include:

- Individual and group counselling
- Career counselling and development
- Psycho-educative workshops and programmes
- HIV education, advocacy and support
- Volunteer peer advocacy for mental health and social justice
- Mental health and HIV support
- Peer mentorship training
- The "Journey to Employability and Economic Participation" programme
- A Graduate Recruitment Programme

TO FIND OUT MORE ABOUT OUR SERVICES, PLEASE CONTACT THE UNIT.

CCDU Building. Braamfontein Campus West,
closest entrance: Gate 9, Enoch Sontonga Avenue
T 011 717 9140/32 | E info.ccdu@wits.ac.za
www.wits.ac.za/ccdu/

CCDU Satellite office. Parktown Education Campus,
Ground Floor, Marang Building
T 011 717 9140/32 | E info.ccdu@wits.ac.za
www.wits.ac.za/ccdu/



STUDENT REPRESENTATIVE COUNCIL

There's an active SRC which exists to voice your concerns, hear your suggestions and represent your interests (academic, financial, residential, sporting, etc.).

2nd Floor, The Matrix, Braamfontein Campus East
T 011 717 9206
www.wits.ac.za/about-wits/governance/governing-structures/student-representative-council-src/

CLUBS AND SOCIETIES



Find your happy place. Sign up. Join in. Connect.

There are a variety of clubs and societies at Wits, enabling you to find your happy place whether your interests lie in academics, business, culture, politics, religion, society or social responsibility.

To find out how to register for clubs and societies, visit us during Orientation Week at the Information Village on the Library Lawns, Braamfontein Campus East. Registrations may be debited to a student's fee account only until the end of March. Thereafter payment will be via the self-service portal or EFT.

www.wits.ac.za/students/clubs-and-societies/

Whatever gets your pulse racing – sports, special interest clubs, or a full calendar of social events and gatherings – it's bound to be part of the vibrant student social life available to all Witsies.

WITS CITIZENSHIP AND COMMUNITY OUTREACH

Get more than a degree



No Witsie should exit the University without a strong sense of how he or she can actively contribute to the development of society through the proper exercise of his or her rights and responsibilities as a citizen.

Volunteering is an integral part of student life at Wits. The WCCO provides students with real-world experiences and the opportunity to enhance their learning and civic responsibility while addressing community needs.

You can work as a volunteer on campus, in your community or in other communities, with children, youth or the aged, for causes as diverse as sustainable development, literacy, social justice, child welfare, the fight against poverty, animal rights or disability awareness.

The work of WCCO can shape how you:

- interact with your community
- define public problems
- develop your social skills and value systems
- apply your knowledge
- become a responsible citizen.

The WCCO recommends a time commitment of at least two hours per week. Volunteer time could, however, be just once a month, or for a special event. It is totally up to you to get involved. We also encourage students to initiate their own projects to meet a variety of needs. There's a wide range of community engagement projects, led by students.

The First Year Experience

A student-centred programme, designed to make the journey from high school to Wits a smooth and exciting one.

The First Year Experience Programme is a student-centred programme aimed at helping first year students to transition from high school to university. It aims to offer student support while providing programmes that contribute to the student experience, promote a sense of belonging and unlock the potential for success and retention.

The FYE Programme offers:

- Gateway to Success
- information, Communication and Technology (ICT) skills
- student development (personal leadership and self-awareness)
- 'Learn for Life' (time management, learning styles, goal setting, etc.)
- academic seminars (on plagiarism, critical thinking, etc.)
- civic engagement and advocacy (outreach, gender equality, etc.)

www.wits.ac.za/students/first-year-experience/

Campus Health and Wellness Centre

Without optimal health and well-being, it would be impossible for our students and staff to be their best academic, co-curricular, extra-curricular, social and moral selves

The Campus Health and Wellness Centre (CHWC) is the primary healthcare facility on campus, committed to promoting health, wellness and safety.

Services include:

- medical consultation on minor ailments (a minimal fee is charged)
- mental healthcare
- reproductive health services, including contraception
- vaccination programmes; e.g. flu, Hepatitis B, etc.
- HIV counselling and testing
- the management of sexually transmitted diseases
- emergency medical care
- wellness programmes and awareness campaigns
- applications for deferments if you are ill during exams
- assessments for extra time during examinations

The main CHWC service. Lower Ground Floor,
The Matrix, Braamfontein Campus East.
Hours of operation are Monday to Friday from 08h00 to 16h30 (closed on weekends and public holidays)
www.wits.ac.za/campushealth/

Satellite healthcare service:
Parktown Campus, Highfield House near to the main dining room **www.wits.ac.za/campushealth/**



DEVELOPMENT AND LEADERSHIP UNIT

The word university comes from the Latin for 'seeking truth together' and is a shorter version of *universitas magistrorum et scholarium* or a 'community of masters and scholars'.

In this spirit, the Development and Leadership Unit exists to develop high-impact world leaders for a better society. The DLU believes that a vibrant student life experience requires an environment that allows the space for constructive debate, critical enquiry, civic engagement and challenging the status quo – for the benefit of students and society.

DLU learning platforms and co-curricular activities include:

- Student leadership camps, round-tables, training and development
- 'Journeys of Discovery'
- Outdoor experiential learning

These help students to maximise their potential for personal growth and intense self-discovery.

Development and Leadership Unit (DLU),
1st Floor, The Matrix,
Braamfontein Campus East
T 011 717 9234
www.wits.ac.za/students/development-and-leadership-unit/

Campus Housing and Residence Life

Res Life is often one of the most rewarding experiences of a Wits student's university journey.

1 IN 5 WITSIES LIVE IN ONE OF OUR 14 RESIDENCES



Wits Inter Campus Student Bus Service



OUR RESIDENCES

Modern, secure, professionally managed, and well maintained.



First year undergraduates are placed in rooms according to the application request. Spaces are on a first come first served basis.

Braamfontein Campus East

College House and Dalrymple House (Men's Res); Sunnyside Hall (Female residence); Jubilee Hall (Female residence)

Braamfontein

Noswal Hall

Braamfontein Campus West

Barnato Hall;
David Webster Hall





TOURISM GRADING COUNCIL OF SOUTH AFRICA

The Tourism Grading Council of South Africa has awarded Wits Junction three stars for backpacking and hostelling

Parktown Education Campus

Girton Hall; Medhurst Hall; Reith Hall

Parktown

Ernest Oppenheimer Hall;
Knockando Hall;
The Wits Junction

www.wits.ac.za/accommodation/





APPLICATION INFORMATION

Before applying for accommodation in a Wits residence, you must first submit your application for academic study:

- 30 September is the closing date for Residence applications
- Apply through the self-service portal, by clicking on the Residence Self-ervice tile: **https://self-service.wits.ac.za**
- Successful applicants must pay a refundable deposit of R990 to confirm acceptance of a place in residence
- Acceptance of offers must be done via the student self-service portal

NB: NSFAS, Bursary and Scholarship students do not the R 990 deposit.

PAYMENT INFORMATION:

First National Bank (FNB)
Account Number: 62270551015
Branch Code: 210554 **Swift Code:** FIRNZAJJ
Use your **Person Number** as the reference.
Please refer to: **www.wits.ac.za/accommodation/**

SERVICES ON OFFER

Our residences offer all day-to-day services you need to feel at home while studying, including accommodation, housekeeping, meals, recreation and access to support, development and extracurricular activities. There is single-gender catered residences for undergraduates; mixed gender catered and self-catered residences. There are six dining halls catering for res students and Oppidani (day students) who can register for meals. Self-catering and day students can register for Oppidani Meals online. Full details of the 'Wits Smart Dining' online meal booking system (which enables students to book additional meals, or to cancel a particular meal, or to move meal bookings) are available on registration.

Residence services include:

- 24-hour security and access control
- academic support for first year undergraduates
- cultural activities
- DSTV rooms and indoor games
- free laundry facilities
- inter-res/inter-campus transport
- live-in wardens
- professional catering
- regular cleaning services
- sporting programmes
- social events
- residence computer centres and Wifi access

Some residences even have swimming pools, sports facilities, gyms, and more.



SAFETY AND SECURITY

Our on-site Protection Service staff carry out 24-hour vehicle and foot patrols and offer a 24-hour on-campus escort service for all students and staff, especially those working late. There are emergency panic buttons throughout the campus, as well as an integrated surveillance system and an automated crime reporting system. There is an additional 24/7 security service that exists to respond to security incidents off campus in Braamfontein and Parktown, with the support of law enforcement bodies.

Download mySOS, available on the iPhone App Store, or get it on Googleplay. **Press the Wits button and a call will be started to protection services.** Read about my SOS on: wits.ac.za/mywits/mysos/



(Dis)Ability

It's not enough to enrol students with disabilities at Wits. Our commitment is to provide an enabling platform to promote academic success.

Students with disabilities have been an integral part of the Wits community for many years. We strive to offer an inclusive and enriching learning environment for students with disabilities by providing appropriate reasonable accommodation and academic support, allowing full participation in all aspects of the university's academic and co-curricular programmes.

The Disability Rights Unit (DRU) is committed to working towards overcoming accessibility barriers encountered by students with visual, hearing, physical, neurodivergent, psychosocial, and chronic illness-related disabilities.

The DRU provides a wide range of support services tailored to address students' individual disability-related needs, ensuring equitable access to learning opportunities at Wits. This support may include the use of state-of-the-art assistive technology and other forms of human assistance.

The DRU also offers guidance on the design of inclusive academic content and study environments, as well as the promotion of disability sensitisation and awareness.

For more information, please contact the DRU to learn about the support available to you throughout your academic journey.

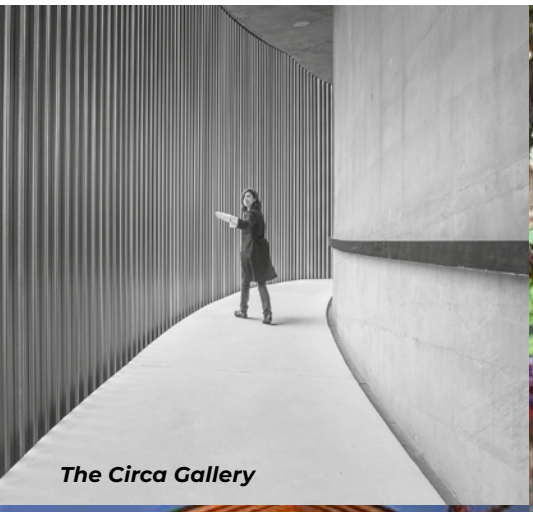
VISIT US:

1st Floor, Solomon Mahlangu House, East Wing,
Braamfontein Campus East
T: 011 717 9152/51
www.wits.ac.za/disability-rights-unit/

1st Floor, Admin Block, Parktown
Education Campus
T: 011 717 9158
www.wits.ac.za/disability-rights-unit/

RECREATION AROUND WITS

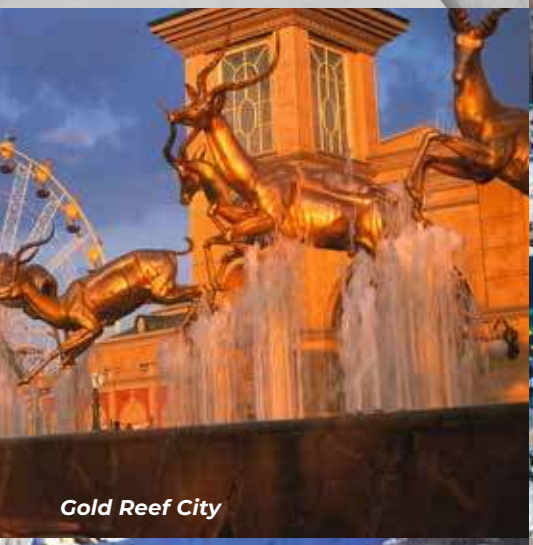
Right at the epicentre of comedy, theatre, art, music, nightlife, food, sports, nature, hiking, history and heritage, Wits is an urban-based University, in the heart of Joburg's commercial hub.


The Circa Gallery


Wits Parkrun



Goodman Gallery

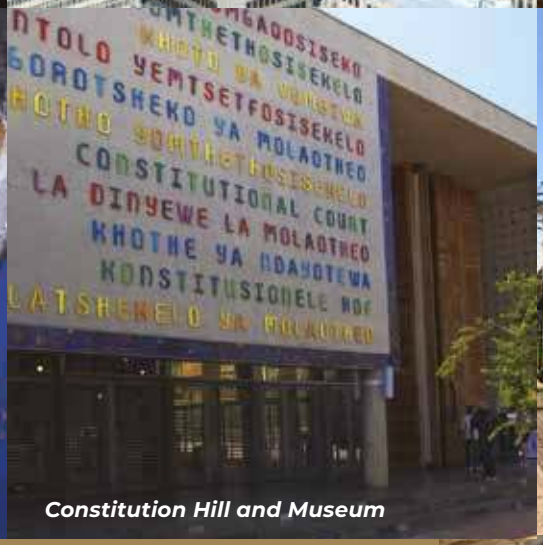

Gold Reef City


Maboneng


The Joburg Zoo



Newtown



Constitution Hill and Museum


Victoria Yards

GETTING AROUND JOBURG

Rea Vaya and Metrobus buses; the Gautrain; e-tuktuk Melville and Uber. Wits buses will taxi you between residences and campus.





WITS SPORT (WS)
Let The Games Begin!

Celebrating Sporting Excellence

Wits Sport Offers **24 sporting codes** that participate in local, regional, national, and international inter – varsity competitions. For more information on the various sports we offer contact the sport committee members or Sport Officer. For more information visit: **www.wits.ac.za/sport/clubs/**

OUTDOOR SPORT

Aquatics (Learn to Swim, Water Polo, Swimming), Netball, Hockey, Football, Cricket, Orienteering, Futsal, Snow Ski, Tennis, Ultimate Frisbee, Rugby, Rugby 7s, Yacht, Mountain Climbing/Bouldering and Rowing.

INDOOR SPORT

E-Sport, Boxing, Chess, Gymnastics, Karate (JKA), Volleyball, Squash, Tai Chi & Yuishinkai Kobujutsu, Table Tennis, Tang Soo Do, Aerobics, Fencing and Basketball.

EXCEPTIONAL SPORTS FACILITIES

- Hosted the first bumper weekend of the 2025 Varsity Netball Tournament at the Wits Multipurpose Sports Hall
- Hosted various PSL games at Wits University Football Stadium
- Hosted the Engen Knockout Challenge and Champ of Champs Tournament at the Wits Football Fields in Marks Park
- The Walter Milton Oval is known to be an exemplary venue for the Imperial Lions Cricket
- Hosted the 2022 USSA Basketball Tournament at Wits Multipurpose Sports Hall

EXCEPTIONAL SPORT FACILITIES

Our sport facilities are designed and structured to assist in promoting sport excellence and provide systematic training for our students with the aim of enhancing performance and to excel in play.

These facilities include two rugby fields, two cricket ovals, outdoor courts for netball, tennis, and basketball, two football stadiums and 11 football fields, futsal courts, squash courts, an artificial hockey turf, two Olympic size swimming pools, two phenomenal outdoor gymnasiums and a multi-purpose indoor sport facility.

STATE OF THE ART HIGH PERFORMANCE CENTRE

All our high-performance sporting codes have access to strength and conditioning training facilities at the **WITS SPORT HIGH PERFORMANCE GYM**, on the main campus. This together with **ELITE TRAINING, TESTING AND COACHING,** ensures athletes receive integrated, sport specific, periodised training. Athletes also receive rehabilitative support.

We prepare our athletes to be competitive at all levels, from representing our University to representing our country on the national and international stage. Our network of professionals is growing with the building of the **ZYLSTRA SPORT COMPLEX** which promises world-class research and therapeutic facilities, an Aquatics Centre and a residence for elite athletes.

SPORTS BURSARIES

We offer sports bursaries to student athletes who are exceptional both academically and in sport.

2027 Wits Sport Bursary Applications: 1 April 2026 - 30 September 2026.

For more information visit: **wits.ac.za/sport/sport-bursaries/**

WITS SPORT RECENT Achievements

Wits Netball Club

Our men's and women's netball squads competed at the University Sport South Africa (USSA) Netball Tournament, hosted by Nelson Mandela University, where they showcased passion and resilience on the court. Their efforts paid off, as the ladies team closed their USSA campaign on a high note by qualifying for the 2026 Varsity Netball competition.





Wits E-Sport

Karabelo Moleko from the E-Sport Club was crowned the University Sport South Africa (USSA) Electronic Arts Football Club (EAFC) Women's Champion, while our Rocket League team delivered a strong performance, finishing 4th in the 2025 USSA Rocket League Division.



Wits Rugby Club

The Wits Rugby Young Guns emerged victorious, capturing the 2025 Young Guns title!



Wits Basketball Club

The ladies' squad were crowned the 2024 USSA Basketball Champions. The 3×3 basketball squads impressed at the 2025 University Sport South Africa (USSA) championships, with the women's team reaching the quarterfinals, and the men's team clinching a bronze medal. Recognition also went to Umtha Unathi, who was named an All-Star Player and selected to represent South Africa in the 3×3 Basketball National Team.



Wits Cheerleading Club

At the inaugural 2025 University Sport South Africa (USSA) Cheerleading Championships, our Cheerleading Club shone brightly, taking 2nd place in both the Hip Hop and Pom Doubles Divisions.



Wits Netball Club

Continuing their rise, three Wits players, Giada Prinsloo, Ametisse Bandu, and Luané Smith represented the SPAR Baby Proteas at the 2025 Youth Netball Cup in Gibraltar. Adding to this achievement, a Wits Sports Officer, Vinolia Austin, is serving as Team Manager for the SPAR Proteas, who competed in the 2025 Taini Jamison Trophy series.

LIST OF ACRONYMS

COMMERCE, LAW AND MANAGEMENT

ACCA	Association of Chartered Certified Accountants
BAccSc	Bachelor of Accounting Science
BCom	Bachelor of Commerce
BCom(PPE)	Bachelor of Commerce, Politics, Philosophy and Economics
BEconSc	Bachelor of Economic Science
CFA	Chartered Financial Analyst
CIA	Certified Internal Auditor
CIMA	Chartered Institute of Management Accountants
HDipAcc	Higher Diploma in Accounting
HRM	Human Resource Management
IFAC	International Federation of Accountants
IPO	Initial Public Offering
IS	Information Systems
IT	Information Technology
LLB	Bachelor of Laws
PAAB	Public Accountants and Auditors Board
SAICA	South African Institute of Chartered Accountants
SAIPA	South African Institute for Professional Accountants
UI	User Interface
UX	User Experience

ENGINEERING AND THE BUILT ENVIRONMENT

BAS	Bachelor of Architectural Studies
BEngSc(BME)	Bachelor of Engineering Science in Biomedical Engineering
BSc(URP)	Bachelor of Science Urban and Regional Planning
BSc(Eng)	Bachelor of Science in Engineering
CIOB	Chartered Institute of Building, UK
ECSA	Engineering Council of South Africa
RICS	The Royal Institution of Chartered Surveyors, UK
SACPLAN	South African Council of Planners
SACPVP	South African Council for Property Valuers Profession

HEALTH SCIENCES

BDS	Bachelor of Dental Science
BHSc	Bachelor of Health Sciences
COTP	Choice on Termination of Pregnancy
CI	Composite Index
GEMP	Graduate Entry Medical Programme
GEPP	Graduate Entry Physiotherapy Programme
HPCSA	Health Professions Council of South Africa
MBBCh	Bachelor of Medicine and Bachelor of Surgery
NBT	National Benchmark Test
NGO	Non-Governmental Organisation
STEPPS	Screening and Testing Programme for Pharmacy Students
WAPT	Wits Additional Placement Test
WADDP	Wits Advanced Drug Delivery Platform

HUMANITIES

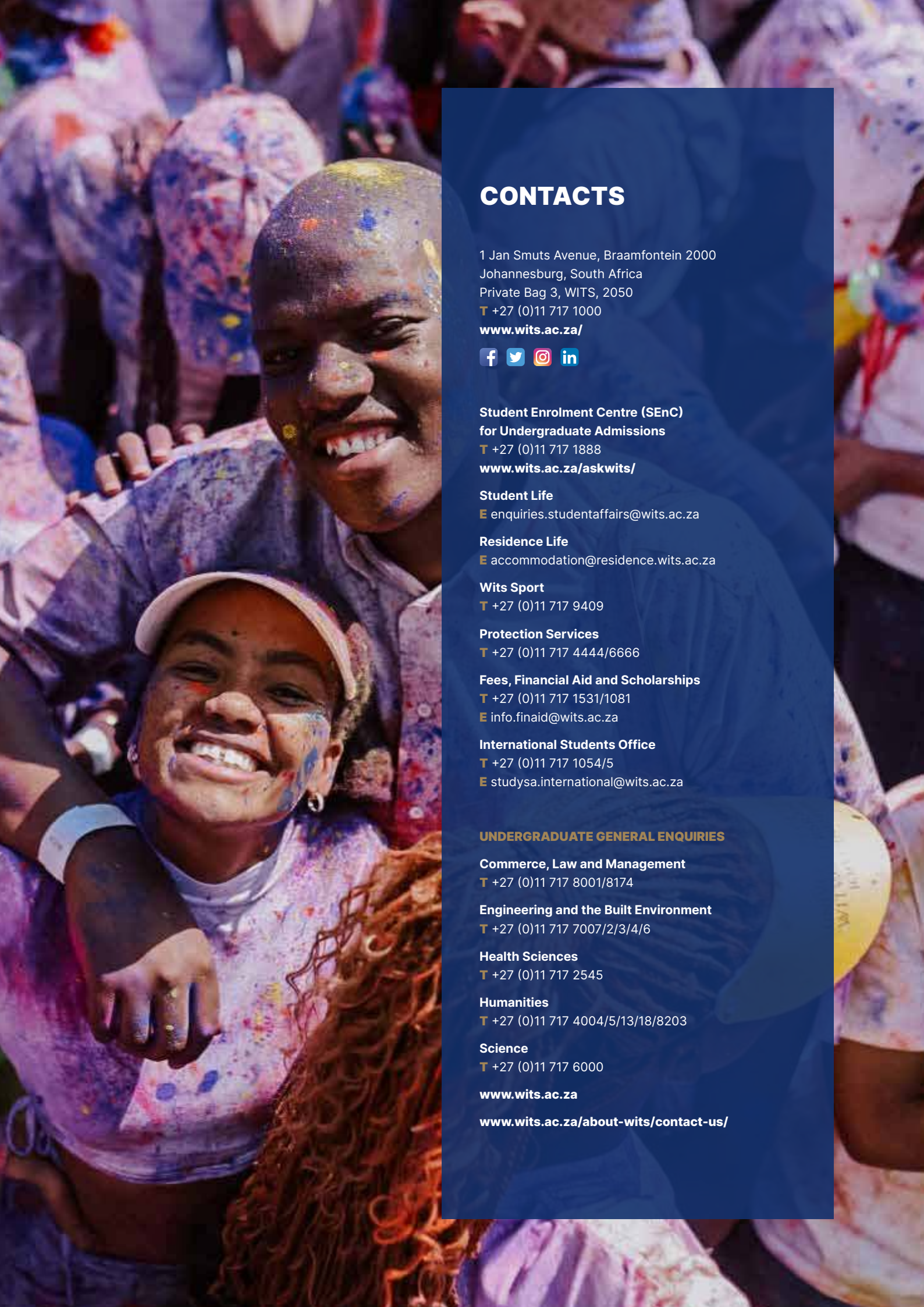
BEd	Bachelor of Education
PGCE	Postgraduate Certificate in Education
SACE	South African Council for Educators

SCIENCE

AI	Artificial Intelligence
ARC	Agricultural Research Council
DWA	Department of Water Affairs and Forestry
NNR	National Nuclear Regulator
SAEON	South African Environmental Observation Network
SANBI	South African National Biodiversity Institute

GENERAL

NBT	National Benchmark Test
NSC	National Senior Certificate
SRC	The Student Representative Council
FYE	The First Year Experience Programme
CCDU	Counselling and Careers Development Unit
DLU	Development and Leadership Unit
CHWC	Campus Health and Wellness Centre
DRU	Disability Rights Unit
WCCO	Wits Citizenship and Community Outreach



CONTACTS

1 Jan Smuts Avenue, Braamfontein 2000
Johannesburg, South Africa
Private Bag 3, WITS, 2050
T +27 (0)11 717 1000
www.wits.ac.za/

Student Enrolment Centre (SEnC) for Undergraduate Admissions
T +27 (0)11 717 1888
www.wits.ac.za/askwits/

Student Life
E enquiries.studentaffairs@wits.ac.za

Residence Life
E accommodation@residence.wits.ac.za

Wits Sport
T +27 (0)11 717 9409

Protection Services
T +27 (0)11 717 4444/6666

Fees, Financial Aid and Scholarships
T +27 (0)11 717 1531/1081
E info.finaid@wits.ac.za

International Students Office
T +27 (0)11 717 1054/5
E studysa.international@wits.ac.za

UNDERGRADUATE GENERAL ENQUIRIES

Commerce, Law and Management
T +27 (0)11 717 8001/8174

Engineering and the Built Environment
T +27 (0)11 717 7007/2/3/4/6

Health Sciences
T +27 (0)11 717 2545

Humanities
T +27 (0)11 717 4004/5/13/18/8203

Science
T +27 (0)11 717 6000

www.wits.ac.za

www.wits.ac.za/about-wits/contact-us/



UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG

With over **100 years of rich history** and our esteemed place amongst the **top 1% of universities** worldwide, Wits is your gateway to unlocking your unlimited potential.

At Wits University, your dreams hold immense power. Choosing Wits means stepping into a world of endless possibilities. **Opportunities, brilliance, and innovation await.**

Make Wits University your only choice for higher education.

Wits. For Good

wits.ac.za





