

UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG



Guide for Undergraduate Applicants



2021



PICTURE BY GERD ALTMANN, PIXABAY

www.wits.ac.za



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“

Of those employed,
97% of our students
obtained employment
within six months of
graduating¹.

”

¹Wits Graduate Exit Survey

Welcome to Wits

It is my pleasure to welcome you to the University of the Witwatersrand.

As one of the world's leading research institutions, Wits will equip you with a contextually-grounded, world-class education. Witsies are known throughout the world as critical thinkers, problem-solvers, pioneers of science, and agents of change.

Situated in the heart of South Africa's economic hub and the gateway to Africa, Wits provides a cosmopolitan environment for our students. At Wits, you will find experts in fields as diverse as palaeontology, clinical medicine, engineering, inequality studies and the digital arts.








Your Wits experience will go beyond the lecture halls as we host a variety of events throughout the year. We also offer our students a wide range of cultural and sporting activities through our many student clubs and societies. So whether it is in the classroom, at the Wits Art Museum or on the sports field, you will find an opportunity to grow and learn at Wits.

Thank you for choosing Wits as the next step in your academic and professional development. I hope that you will enjoy being a part of our vibrant community and I wish you the best on your academic journey with us.

Professor Adam Habib
Vice-Chancellor and Principal

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Lifelong learning – Defining you – Defining your future

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ABOUT WITS

Wits in the Academic Rankings

Placed in the TOP 2 universities in Africa and amongst the world's TOP 250 universities in major global rankings.

#197

globally

2019 US News:
Best Global
Universities Rankings

#201-300

globally

2019 Academic
Ranking of
World Universities
(ARWU)

*(commonly known as the
Shanghai Ranking)*

*ARWU assesses more
than 1 800 universities
and the results
for the top 1 000 are
published*

#254

TOP 1.3%
globally

2019/2020 Centre for
World University
Rankings (CWUR)
*20 000 universities
compared*

TOP 2
in Africa

2019 US News:
Best Global
Universities Rankings

#11

globally

**THE BRICS &
emerging economies**

RANKED

BEST

IN AFRICA

Wits Faculty of
Humanities has been
ranked the Best in Africa

2020 Times Higher Education
World University Rankings
evaluated teaching,
research and other key indicators,
and Wits came out tops.

#9 in the world for
affordability in 2019's
Best Student Cities*

2020 QS World University Rankings

**over 1 000 universities ranked*

www.wits.ac.za/about-wits/facts-and-figures/academic-rankings/



Wits' Achievements



Wits is a leading African research intensive, public university actively engaging in high quality research in broad fields.



PARTNERS

Wits collaborates with the following Times Higher Education ranked universities, which yields significant citations:

- University of Cape Town
- University of Oxford
- University College London
- Harvard University
- University of Washington

RESEARCH

Research output at Wits University has increased by 50% over the last five years and 96% of our research is published in internationally competitive journals.

<p>52 Research Entities</p>	<p>400+ *NRF-rated researchers <small>*National Research Foundation</small></p>	<p>Wits is ranked in the TOP 100 globally in</p> <ul style="list-style-type: none"> • Clinical Medicine • Public Health, and • Mining Engineering <p>https://www.wits.ac.za/sebs/research-/nrf-rating/</p>
<p>*6 DST/NRF Centres of Excellence <small>*Highest of all universities in SA</small></p>	<p>29 A-RATED researchers <small>Recognised by peers as leaders in their fields globally</small></p>	
<p>30 SARCHI CHAIRS* <small>*The South African Research Chairs Initiative</small></p>		



Congratulations to the five Wits University researchers who are ranked amongst the most influential in the world (fewer than 0.1% of researchers in the world have earned this distinction) - the most from any South African University. These researchers include Professors Raal; Morris; Churchill; Newell and Lee Berger.

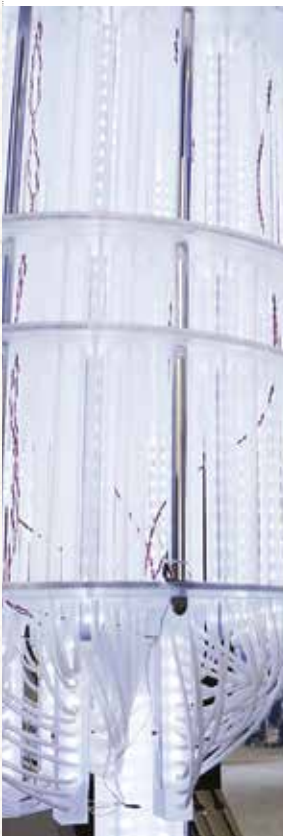
Twitter.com/shirona37/status/1197531366331686923



Wits' Highlights



Witsies are known throughout the world as critical thinkers, problem-solvers, pioneers of science, and agents of change.



Wits hosted the first ever Quantum Computing Summer School in South Africa,

in collaboration with @IBMResearch, JCSE, WIDS and ARUA in December 2019

In 2019 the Actuarial Society of South Africa welcomed 52 new Fellow Actuaries into the profession, of whom

17 (one third)

were Wits graduates, the most from any one university, also the most demographically diverse in South Africa.

RECOGNITION & AWARDS

'Young Property Person of the Year' - 2019



Wits real estate doctoral student Neltah Mosimanegape from the School of Construction Economics and Management won the award for the 'Young Property Person of the Year' 2019.

Wits researcher wins international award for infection control innovation



Wits academic Michael Lucas won the prestigious Prix Hubert Tuor Innovation Award for his Antimicrobial Coating Technology at the International Conference on Prevention and Infection Control in Switzerland, September 2019.

Facilities & Resources



2
Art Galleries

including the Wits Art Museum

9 000
African artworks

the largest collection of African art



More than **R2 billion** has been invested in new buildings, renovations and infrastructure over the past decade and is ongoing.



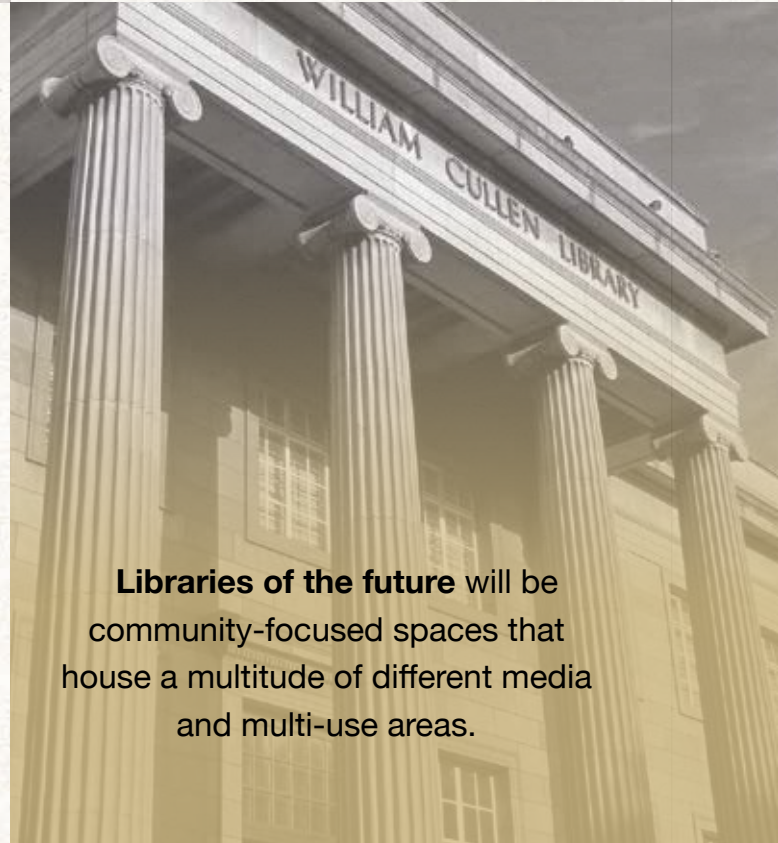
11
Libraries

more than
1,5 million
books

3 400
library
seats

400
computer
stations

The Wits Digital Library and Archives contain troves of historical treasures including records from the Rivonia Trial, some in Nelson Mandela's own hand.



Libraries of the future will be community-focused spaces that house a multitude of different media and multi-use areas.

State-of-the-art infrastructure and technology

Blending Learning

Learning *via* electronic and online media as well as traditional face to face teaching.

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.

eZones

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.

Combined with world-class teaching

We boast high academic standards through expert lecturers across five faculties.

2 000
Academic Staff

65%
PhDs amongst
Academic Staff



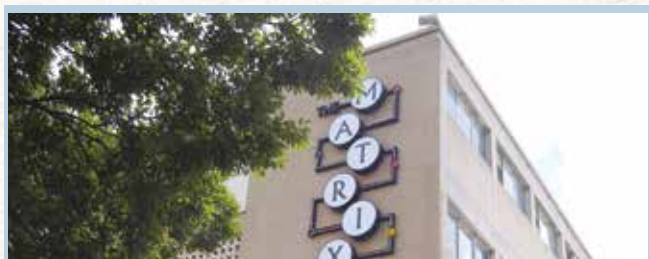
STUDENT LIFE



In & 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.



Every single student's everyday needs can be met, thanks to the various eateries at the Matrix (Braamfontein Campus East), access to lockers, banks, bookstores, various computer labs and Wi-Fi.

Entertainment

Food at the WAM Cafe (Wits Art Museum), Maboneng Precinct and 44 Stanley

Shopping at 27 Boxes, the Neighbourgoods Market, the Newtown Junction Mall and the Rosebank Rooftop Market

Live music at Kitcheners and The Bassline

Movies at The Bioscope, the Zone and Cinema Nouveau

Theatre at the Wits Theatre, Lyric Theatre, PopArt Theatre, Soweto Theatre, Jo'burg Theatre and the Market Theatre

Art at the Wits Art Museum, the Jo'burg Art Gallery, Everard Read Gallery and the Stevenson Gallery

Outdoors

Nature, walking, hiking and cycling at the Melville Koppies, the Braamfontein Spruit and Delta Park

Picnicking at Zoo Lake, **canoeing** at Emmerentia Dam, **visiting** the Jo'burg Zoo and the Botanical Gardens

Entertainment and Fun Park at Gold Reef City

Attractions

History, heritage and science at the Origins Centre (Wits), the Planetarium (Wits); the Sci-Bono Discovery Centre, the Cradle of Humankind, the Adler Museum (Wits), the War Museum, the National Cultural History Museum, Constitution Hill, Sophiatown and the Apartheid Museum

Getting around

with the Rea Vaya, Metrobus, Gautrain, e Tuk-Tuk Melville and Uber. Wits Buses will taxi you between residences and campus.

History,
Heritage,
Science and
Art at Wits

14
Museums

6
Theatres

www.wits.ac.za/campus-life/jozi---our-city/getting-around/



Student Support



There's more to university life than just study. Take advantage of the many student resources on offer.



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*:

Counselling and Careers Development Unit (CCDU)
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Student Representative Council (SRC)
pg.11

Clubs and Societies
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Wits Citizenship and Community Outreach (WCCO)
pg.11

Development and Leadership Unit (DLU)
pg.12

The First-year Experience (FYE) Programme
pg.12

Campus Health and Wellness Centre (CHWC)
pg.12

Disability Rights Unit (DRU)
pg.13

Campus Housing and Residence Life (CHRL)
pg.14

Wits Sport
pg.16

Refer to to pages 10-19 for more information

Counselling and Careers Development

You're at Wits to get an 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, make an appointment for a career counselling session with a Career Practitioner. This will help you to identify suitable career paths and make an informed decision. 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're eligible for the Psychometric Career Assessment Programme (at a fee). Contact the Unit for more information.

We also want you to be the best possible version of yourself once you're here, so our CCDU helps students to access professional supportive services.

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 on social justice, mental health, and HIV
- Peer mentorship training
- Graduate recruitment
- The 'Journey to Employability'
- Life coaching
- Professional internships.

Visit us: CCDU Building, Wits Braamfontein Campus West. Closest entrance: Gate 9, Enoch Sontonga Ave, Braamfontein
Tel: 011 717 9140 /32 | Email: info.ccd@wits.ac.za
www.wits.ac.za/ccdu/



For Career Guidance
answer the
career questionnaire, on:
www.gostudy.net/wits

Student Representative Council



There's an active Student Representative Council (SRC), which exists to voice your concerns, hear your suggestions and represent your interests (academic, financial, residential, sporting, etc.).

Visit us: 2nd Floor, The Matrix,
Wits Braamfontein Campus East
Tel: 011 717 9206

www.wits.ac.za/students/clubs-and-societies/

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.

Citizenship and Community Outreach

“Do your little bit of good where you are; it's those little bits of good put together that overwhelm the world.”

- Archbishop Desmond Tutu

Witsies are good people. But, more than that, Witsies are engaged and conscious citizens who are connected to the needs of their communities - across campuses, the country, and the world.

Wits Citizenship and Community

Outreach (WCCO) enables you to donate time, skills or talents as a volunteer, as part of a rich co-curricular experience.

The work of WCCO can shape how you:

- Learn to interact with your community
- Define public problems
- Develop your social skills and value systems
- Apply your knowledge
- Become a responsible citizen

There's a wide range of community engagement projects, led by students.

Visit us: WCCO, Hostel Road
(between the Cricket and Rugby Fields),
Wits Braamfontein Campus East
Tel: 011 717 9217 or 011 717 9255

www.wits.ac.za/students/wits-citizenship-and-community-outreach/



Wits Food Garden

Development and Leadership

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 (DLU) 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.

Visit us: Development and Leadership Unit (DLU),
1st Floor, The Matrix,
Braamfontein Campus East
Tel: 011 717 9234
www.wits.ac.za/students/development-and-leadership-unit/

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 (FYE) 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 has six main focus areas:

1. Orientation
2. Information, Communication and Technology (ICT) skills

3. Student development (personal leadership and self-awareness)
4. 'Learn for Life' (time management, learning styles, goal setting, etc.)
5. Academic seminars (on plagiarism, critical thinking, etc.)
6. Civic engagement and advocacy (on outreach, gender equality, etc.)

www.wits.ac.za/students/first-year-experience/

Health and Wellness

"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 health-care 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, Hep 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

Visit us: The main CHWC service is located on Lower Ground, Matrix, Braamfontein Campus East.

Hours of operation are Monday to Friday from 08h00 to 16h30 (we're closed on weekends and public holidays).

A satellite health care service is available on the Wits Education Campus in Parktown, in the Highfield House close to the main dining room.

www.wits.ac.za/campushealth/



(Dis)Ability

It's not enough just to enrol students with disabilities at Wits. Our commitment is to provide support and inclusion.



At Wits, we want to offer a learning environment that is rewarding and enriching for students with disabilities, who receive the academic support and reasonable accommodations they need to participate fully in all aspects of university life.

The Disability Rights Unit (DRU) works to overcome the educational barriers and accessibility requirements facing students with visual, hearing, physical, learning and psychological disabilities, as well as chronic illnesses.

Services include:

- campus orientation
- IT and mobility training
- state-of-the-art assistive technology
- support for Deaf students through South African Sign Language interpreting or real-time captioning services
- assistance with extra-time applications for tests and exams, and
- academic materials in accessible formats (e.g. electronic, braille).

At the same time, the DRU focuses on the design of innovative learning and working environments, as well as the promotion of disability awareness and the abilities of people with disabilities.

How to contact the DRU: 1st Floor, Solomon Mahlangu House, East Wing, Braamfontein Campus East
1st Floor, Admin Block, Parktown Education Campus
Tel: 011 717 9152/51
www.wits.ac.za/disability-rights-unit/

Campus Housing and Residence Life

“

Modern, secure, professionally managed,
and well maintained.

”



“

One in five Witsies live in one
of our 17 residences!

”

Some of our residences

Braamfontein Campus East

International House, Jubilee Hall*,
Men's Halls*, Sunnyside Hall*

Braamfontein Campus West

Barnato Hall, David Webster Hall,
West Campus Village, Yale Village

Braamfontein

Braamfontein Centre, Noswal Hall,
Rennie House

Parktown Education Campus

Girton Hall*, Medhurst Hall*,
Reith Hall*

Parktown

Ernest Oppenheimer Hall*,
Knockando Halls*, Wits Junction

**Junior catered residences*

www.wits.ac.za/accommodation/

Services on offer

Our residences – under the Division of Campus Housing and Residence Life (CHRL) – offer all the day-to-day services you need to feel at home while studying at Wits, including accommodation, housekeeping, meals, recreation, and access to support, development, and extra-curricular activities.

There are single-gender catered residences for junior undergraduates and mixed-gender catered and self-catered residences for seniors. There are six dining halls catering for res students and *oppidani* (day students) who can register for meals.

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.

First-year undergraduates are usually placed in shared rooms. A limited number of single rooms is available, and these are allocated to applicants who have paid the single room application fee, depending on availability.

Application information

Before applying for accommodation in a Wits residence, you must first submit your application for academic study.

• **30 September 2020 is the closing date for 2020 applications.**

- Apply through the self-service portal, by clicking on the residence self-service tile:
<https://self-service.wits.ac.za>
- An application fee of R125 (double room) or R625 (single room) is payable for new residence students, and proof of payment of the application fee should be uploaded after clicking on the student-centre tile. Alternatively, email proof of payment to:
accommodation@wits.ac.za

Note: The availability of single rooms cannot be guaranteed.

- Successful applicants must also pay **a non-refundable deposit of R990** to confirm acceptance of a place in residence.

NB: All applicants who receive a residence offer must pay the deposit, whether or not they have bursaries or scholarships.

- Acceptance of offers must be done via the student self-service portal.

Payment Information:

**Standard Bank,
Application Fees**

**Account Number:
200 346 385**

Branch Code: 004805

**Use your Person Number
as the reference.**

**The residence application fee
is non-refundable.**

**Pay via EFT, credit card
or at the bank.**



Res Life is often one of the most rewarding experiences of a Wits student's university journey.



Safety and security

Your safety and security is our top priority. Our on-site Protection Service staff carry out 24-hour vehicle and foot patrols, and offer 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.

Wits Sport Game On!

At Wits, we see health, fitness and being physically active as a way of life. Wits Sport offers services and programmes designed to encourage the entire Wits Community to see health, fitness and being physically active as a way of life. We offer 28 sport codes ranging from hard-court sports to field sports, the martial arts and aquatics. We provide students the opportunity to participate in any of our sports and to compete at the level that they choose, while contributing to enhancing the university's sporting prowess and vibrant culture.

We also offer bursaries to top student athletes who meet the necessary academic and sporting requirements.

Wits Sport Bursary Applications
01 April 2020 – 31 August 2020

Elite Training, Testing & Coaching

How does Wits compare in terms of elite training, sports testing and sports coaching? All our high performance codes have dedicated specialists that provide sport specific strength and conditioning programmes – high performance athletes also have access to the Wits Initiative for Sport and Health exercise medicine programmes, sourced from high calibre, internationally-recognised training programmes, to facilitate peak performance and rehabilitation.

www.wits.ac.za/sport/

28+ sport codes



Wits is SA's only official
"Elite Athlete Friendly"
university, with
28 + sports codes

Outdoor sport

Aquatics
Cricket
Football
Futsal
Hockey
Mountain/Bouldering
Netball
Orienteering
Rowing
Rugby
Rugby 7's
Snow Skiing
Tennis
Ultimate Frisbee
Underwater Sport
Yachting

Indoor sport

Aerobics
Basketball
Boxing
Chess
Fencing
Gymnastics
Karate (JKA)
Tai Chi &
Yuishinkai Kobujutsu
Squash
Table Tennis
Tang Soo Do
Volleyball
War Games

World-class sport facilities



Expect world class sport facilities including football, rugby, cricket fields; hard court areas for tennis, basketball and netball; two 50m swimming pools an artificial hockey turf; extensive indoor sport facilities; Futsal courts and an exceptional Wits Fitness and Wellness Centre which offers state of the art equipment, top trainers and cutting edge facilities.

Wits Multi-Purpose Sports Hall – a world-class sport facility has hosted the following events:

- 2018 and 2019 Varsity Sports Basketball Tournament
- 2019 Spar National Netball Championships Finals
- 2019 Four Nations Futsal Tournament
- 2018 SA School Sports National Netball Championships



All-Round Champions of Wits Sport



Winner of the 2019 Wits Sport Award Combination Sport & Academic Award

“Wits Sport helps student athlete balance sport goals with academic obligations, thanks to a qualified counselling psychologist who manages the Academic Support Programme.”

Romario Ferrao from the Wits Basketball Club 1st team achieved an average of 91% in 2018, in 2019 he achieved a mid-year aggregate of 94%.

Shakeerah Jacobs – Winner of the Wits Sport Awards of the Year 2019



List your top five sport achievements:

- **Player of the Year** – JVW School League (2017)
- **Player’s Player of the Year** – Wits Football Awards (2018)
- Represented South Africa in the African Union Sports Council Region – five games held in Botswana (2018)
- u/20 call up for the 2019 Council of Southern Africa Football Associations (COSAFA) Women’s Championship
- u/20 call up for the 2019 All Africa Games held in Morocco

Why did you choose Wits?

Wits holds a high academic standard and I wanted to challenge myself in balancing my football with my academic commitments, I would also like to explore Digital Arts as a career.

What is the name of the high school you went to?

St Barnabas College (1 yr) Tuks

Sport High School (2yrs) Parktown
Girls High (2yrs)

What are you studying currently?

BA General

How do you balance sport with your academics?

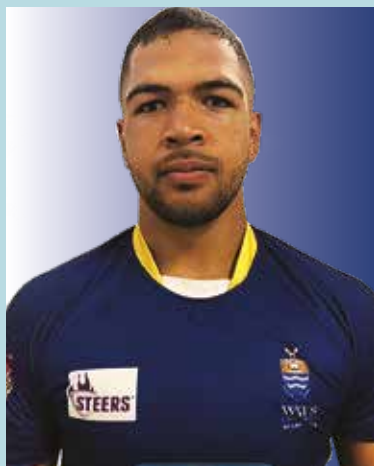
I try to manage my time effectively and I plan ahead and complete

tasks way ahead of the deadlines/ due dates.

What are your future goals?

In terms of academics I would like to explore Digital Arts and possibly become a Game Designer or Animator.

In terms of football, I would like to play abroad in the champions league one day.



Keagan Glade

High School: King Edward VII School

Degree: BCom Accounting student

Sport: Rugby

Achievements:

- Getting into Wits (2017)
- Receiving Academic Colours (2017)
- Buying my first apartment at 19 (2018)
- Playing for the professional Lions team (2018 - 2019)
- Playing for the Junior Boks (2019)

Why did you choose Wits?

I chose Wits because it is one of the best universities in South Africa, I also wanted to be the first person in my family to receive a degree at Wits.

How do you balance studying at Wits and playing your sport?

Time management, planning and discipline is my recipe to balance both my academics and sport.

What are your future goals?

I want to become a Springbok and a qualified Chartered Accountant.



Kwanele Ngema

High School: Greytown High School

Degree: BEd Honours student

Sport: Rugby

Achievements:

- Lions u/21 (2017)
- BEd Graduate (2018)
- Pirates Grand Challenge Champion (2019)

Why did you choose Wits?

The diversity and academic opportunities

How do you balance studying at Wits and playing your sport?

Having priorities, detailed planning, writing down all your required deadlines, dates and fixtures on a visible calendar.

What are your future goals?

To shape SA education and to be a professional rugby player.



Michael Horan

High School: Martitzburg College

Degree: BEng Aeronautical Engineering student

Sport: Hockey

Achievements:

- Selected for SA u/21 (2018 and 2019)
- Maths and AP Maths award in high school
- Winning USSA Hockey (2019)
- Selected for the Southern Gauteng U/21 Hockey Team (2018 and 2019)

Why did you choose Wits?

I chose Wits because I wanted to do engineering and Wits is one of the best in the country. The other reason is the hospitality that was shown by the coaches and players.

How do you balance studying at Wits and playing your sport?

Time management, planning and discipline is my recipe to balance both my academics and sport.

What are your future goals?

My goals are to keep working hard both in hockey and my degree. My goal is to get through my degree within record time (four years) and after I have completed my degree, work on making the SA men's hockey team.



Anushka Monema

High School: Athlone Girls' High

Degree: BSc Computer Science student

Sport: Tang Soo Do

Achievements:

- Wits Tang Soo Do Junior Student of the Year
- Represented SA at the Tang Soo Do World Championships (2018)
- Received Full Blue Colours at the Wits Sport Awards (2019)
- **Finalist for the Gauteng Sportswoman of the year (2019)**
- Wits Tang Soo Do Chairperson (2018 and 2019)

Why did you choose Wits?

My parents told me to go for the best.

How do you balance studying at Wits and playing your sport?

What keeps me going is, being focused and disciplined. I always find time to focus on what's necessary to achieve my goals.

What are your future goals? I have always been one to tread my own path and set high standards for myself. I want to be the best in martial arts, and I would also like to be an entrepreneur one day. I am very passionate about things that are authentically African, about helping others and would one day like to start a programme that educates and empowers the homeless. I want to change lives and afford people the same opportunities that I was exposed to.

**Robyn Johnson –
Winner of the 2019
Wits Sport Award
Sportswoman of the Year**



High School: Fourways High School

Degree: BEd Degree (obtained)
Currently studying Basic Research Skills at Wits Plus

Sport: Hockey

Achievements:

- Undergraduate degree in education (BEd Degree)
- Finding a full-time job
- Selected for the SA women's indoor and outdoor teams
- Awarded the Wits Sportswoman of the Year Award (2019)

Why did you choose Wits? Wits is the best university in the country and is recognised as a top university internationally, so I knew that once I obtained my degree I could apply for a job anywhere in the world.

How do you balance studying at Wits and playing your sport? Time management – you get used to it once First-year is done. I think that's the most stressful year, but you learn how to balance everything.

What are your future goals? to make the Olympic outdoor team; the indoor World Cup team; and complete my Masters overseas.

ADMISSIONS

“

In 2019, 69 000 students applied to Wits for First-year study, of which 4 900 students were accepted.

”

National Senior Certificate

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

Wits' APS			
	Mathematics and English	Life Orientation	Other subjects
90 - 100	8 + 2 = 10	4	8
80 - 89	7 + 2 = 9	3	7
70 - 79	6 + 2 = 8	2	6
60 - 69	5 + 2 = 7	1	5
50 - 59	4	0	4
40 - 49	3	0	3
30 - 39	0	0	0
0 - 29	0	0	0

Calculate your points Note: Seven subjects are used in the calculation of 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		

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), 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.
- Maths Literacy will be accepted by Law, Education and Humanities (except for Speech-Language Pathology and Audiology)
- Wits does not distinguish between designated vs. non-designated subjects when calculating the admission point score (APS)
- The APS calculation is based on the best seven subjects including Life Orientation (faculty specific subjects must be included in the calculation).
- AP subjects are also included in the APS calculation.

Applicants completing Technical Maths AND/OR Technical Science may contact the Student Enrolment Centre for further advice.

◀ Calculate your points

www.wits.ac.za/undergraduate/entry-requirements/admission-requirements-nsc/

National Benchmark Tests

Test Dates

Health Sciences as well as Humanities (Speech-Language Pathology and/or Audiology): no later than 15 August 2020

Humanities (Social Work): no later than 31 October 2020

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

All applicants (except those who are applying for admission into the Graduate Entry Medical Programme – GEMP - ONLY).

Please note:

- Applicants who achieve in the 'basic' range (refer to table below), are unlikely to 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.

Benchmark Performance Levels		
Academic Literacy	Min	Max
Proficient	64	100
Intermediate	38	63
Basic	0	37
Quantitative Literacy		
Proficient	70	100
Intermediate	38	69
Basic	35	67
Maths		
Proficient	68	100
Intermediate	35	67
Basic	0	34

Faculty of Humanities

Applicants to the Bachelor of Speech-Language Pathology, Bachelor of Audiology, and Bachelor of Social Work.

Mature age applicants who wrote matric pre-2008, with no degree exemption, may qualify for 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).

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 will be taken into account for selection purposes and thus it is not advisable to write the tests more than once in any year.

NBT results are valid for three years.

Rules

- Applicants to 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.

Wits Additional Placement Test (WAPT)

Graduate Entry Medical Programme

(GEMP) 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 2020**, 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 **July 2020**, 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

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	English	4 (70%)
BEconSc	Mathematics	4 (70%)
BAccSc	Four subjects from Business, Commerce and Management Studies	
Faculty of Engineering and the Built Environment and the Faculty of Science		
Besides meeting the University's requirements an applicant who holds an NCV will be interviewed by the Dean, Assistant Dean and relevant Head of School.		
Faculty of Health Sciences		
MBBCh, BPharm	English HL/First Additional Language	4 (70%)
BSc(Physio),	Mathematics	4 (70%)
BHSc(Biomedical and Biokinetics)	Life Sciences AND/OR Physical Science	4 (70%)
BDS	English HL/First Additional Language	4 (70%)
	Mathematics	4 (70%)
	Life Sciences and Physical Science	4 (70%)
BNurs	English HL/First Additional Language	3 (60%)
BSc (OT)	Mathematics	3 (60%)
BCMP		
Bachelor of Oral Health Sciences	Life Sciences and Physical Science	3 (60%)
Faculty of Humanities		
Applicants who present with an NCV will not be considered.		

Admission Point Scores	%	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

Admissions by Faculty

Faculty of Commerce, Law and Management

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass

Closing Date: 30 September 2020

Programmes	Duration (years)	APS	English Home Language OR First Additional Language	Mathematics	Maths Literacy	Wait-listing
School of Accountancy						
Bachelor of Commerce - BCom (General) - BCom (Accounting) - BCom (Information Systems) - BCom (Politics, Philosophy & Economics)	3	39 +	5	5		Applicants with an APS of 35-38, as well as English Level 6 AND Mathematics Level 6, will be wait-listed, subject to place availability.
Bachelor of Accounting Science (BAccSc)	3	42 +	5	6		Applicants with an APS of 39-41, as well as English Level 6 AND Mathematics Level 6, will be wait-listed, subject to place availability.
School of Economic and Business Sciences						
Bachelor of Economic Science (BEconSc)	3	42 +	5	6		Applicants with an APS of 39-41, as well as English Level 5 AND Mathematics Level 7, will be wait-listed, subject to place availability. Applicants interested in Actuarial Science require Mathematics Level 7 and English Level 6.
School of Law						
Bachelor of Commerce with Law - BCom(Law)	3	43 +	5	5		Applicants with an APS of 35-42, as well as English Level 6 AND Mathematics Level 6, will be wait-listed subject to place availability.
Two-year LLB (for graduates only)	2	No matric APS calculation	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)	3	No matric APS calculation	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. Wits applicants who have completed an undergraduate degree without Law modules are also required to apply for the 3-year LLB. Applicants must have obtained an average of at least 60% in an undergraduate degree.			
Four-year LLB	4	43+	6	5	6	Applicants with an APS of 40-42, 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 Level (A Level)	Advanced Subsidiary (AS 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 International Certificate of Secondary Education (HIGCSE)
English Language					Mathematics			
School of Accountancy								
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-C	A-B	HL 4-7 SL 5-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-B	A	HL 4-7 SL 5-7	1-2
School of Economic and Business Sciences								
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3	A-B	A	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-C	A-B	HL 4-7 SL 5-7	1-3
School of Education								
A-B	A-B	A-B	HL 4-7 SL 5-7	1-2	A-C	A-B	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 2020 (Bachelor of Architecture) | 30 September 2020 (all other programmes)

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.

Programmes (Refer to page 68 for information on the common First-year curriculum for all professional engineering degrees).	APS	English Home Language OR First Additional Language	Mathematics	Physical Science	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 Science stand a greater chance of being accepted.
Bachelor of Science in Engineering in Metallurgy and Materials Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics, and Physical Science stand a greater chance of being accepted.
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 Science stand a greater chance of being accepted.
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 Science stand a greater chance of being accepted.
Bachelor of Engineering Science in Biomedical Engineering (BEngSc(BME)) (3 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics, and Physical Science stand a greater chance of being accepted.
Bachelor of Engineering Science in Digital Arts (BEngSc(DA)) (3 years)	42 +	5	5	5	Applicants will be required to complete additional selection criteria, e.g. workshop, interview. Refer to www.wits.ac.za/undergraduate/apply-to-wits/
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 Science stand a greater chance of being accepted.
Bachelor of Science in Engineering in Industrial Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics, and Physical Science stand a greater chance of being accepted.
Bachelor of Science in Engineering in Mechanical Engineering (BSc(Eng)) (4 years)	42 +	5	5	5	Generally, applicants who achieve Level 6 in English, Mathematics, and Physical Science stand a greater chance of being accepted.
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 Science stand a greater chance of being accepted.
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. Applicants with a Wits APS of 29-33 may be accepted on the basis of exceptional scores, following an interview. 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		Preference is given to Mathematics and English pass at Level 6 and above.
School of Construction Economics and Management					
Bachelor of Science in Construction Studies (BSc(CS)) (3 years)	36 +	5	5		Preference is given to Mathematics and English pass at Level 6 and above.
Bachelor of Science in Property Studies (BSc(Property Studies)) (4 years)	36 +	5	5		Preference is given to Mathematics and English pass at Level 6 and above.

International Qualifications (Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Level (A Level)	Advanced Subsidiary (AS 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 Level (A Level)	Advanced Subsidiary (AS Level)	International Baccalaureate (IB Diploma)	Higher Int. Certificate of Secondary Education (HIGCSE)				
English Language					Mathematics					Physics						
										Chemistry <i>(BSc ChemEng and BSc Metallurgy ONLY)</i>						
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-C	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-C	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								

Faculty of Health Sciences

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass Closing Date: 30 June 2020

Programmes	Selection Procedures	English Home Language OR First Additional Language	Mathematics	Maths Literacy	Life Sciences	Physical Science	Life Sciences AND/OR Physical Science
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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 is calculated, taking into consideration, (i) your academic results for five subjects, and (ii) your National Benchmark Test scores. Only five subjects are used to derive a matriculation score, which is calculated according to the percentages obtained, NOT symbols. These are English, Mathematics, Physical Science/Life Sciences and the best two other subjects. Dental Science requires English, Mathematics, Physical Science AND Life Sciences. All applicants (excluding applicants who are applying to the Graduate Entry Medical Programme (GEMP) only, are required to write the National Benchmark Test. Qualifying GEMP 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 100 for more information on the NBT and the WAPT.

Bachelor of Health Sciences: (BHSci) • Biomedical Sciences • Biokinetics • Health Systems Sciences (All 3 years)	<p style="text-align: center;">All applicants to the Faculty of Health Sciences, excluding those who are applying to the Graduate Entry Medical Programme (GEMP) only, must write the NBT by 15 August 2020.</p> <p style="text-align: center;">Refer to Page 100 for more information on the NBT or refer to: www.nbt.ac.za</p>	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 certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. Please download the form from: www.wits.ac.za/undergraduate/apply-to-wits/ under Additional Forms. 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)		4	4				4
Bachelor of Science in Physiotherapy (BSc Physiotherapy) (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 certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. Please download the form from: www.wits.ac.za/undergraduate/apply-to-wits/ under Additional Forms. Applicants who fail to submit a certificate of attendance will not be considered for admission.	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 Level (A Level)	Advanced Subsidiary (AS 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 Level (A Level)	Advanced Subsidiary (AS Level)	International Baccalaureate (IB Diploma)	Higher Int. Certificate of Secondary Education (HIGCSE)							
English Language								Mathematics								Biology/Physics/Chemistry			
ALL Applicants must have done English Language, Mathematics, Biology, Physics or Chemistry. Bachelor of Denistry applicants must have done English Language, Mathematics, Biology, Physics AND 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-C	HL 4-7, SL 5-7	1-2	A-C Biology AND Physics AND Chemistry	A-C Biology AND Physics AND Chemistry	HL 4-7, SL 5-7 Biology AND Physics AND Chemistry	1-2 Biology AND Physics AND 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-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-B	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							

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 2020 (B Speech Language Pathology and B Audiology and BA Film and Television | 30 September 2020 (all other programmes)

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.

Programmes		APS	English Home Language OR First Additional Language	Mathematics	Maths Literacy	Wait-listing
Bachelor of Arts (BA) (3 years)		34 +	5			30-33 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)						
Programme	Additional Selection Criteria	APS	English Home Language OR First Additional Language			Wait-listing
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 April 2020 . Consideration into the degree is dependent on you successfully fulfilling both these criteria.	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 Dramatic Art (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			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 Fine Arts (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 Music (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.
Wits School of Education (WSoE)						
Bachelor of Education (BEEd)						
- Foundation Phase Teaching (4 years)		36 +	5	Mathematics OR Maths Literacy	4 5	An APS of 31-35 may be wait-listed, subject to place availability. Preference is given to higher English results.
- Intermediate Phase Teaching (4 years)		36 +	5			An APS of 31-35 may be wait-listed, subject to place availability. Preference is given to higher English results.
- Senior Phase & Further Education & Training Teaching (4 years)		36 +	5			An APS of 31-35 may be wait-listed, subject to place availability. Preference is given to higher English results.
School of Human and Community Development (SHCD)						
Bachelor of Speech-Language Pathology (4 years)	Applicants for the Bachelor of Speech-Language Pathology, Bachelor of Audiology, and Bachelor of Social Work are required to write the NBT. Please refer to page 22 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		An APS of 30-33 points may be wait-listed, subject to place availability. Preference is given to higher English results.
Bachelor of Social Work (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.

International Qualifications (Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Level (A Level)	Advanced Subsidiary (AS 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 Level (A Level)	Advanced Subsidiary (AS 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 Programmes:									
Wits School of Arts (WSoA)									
O Level/ IGC/ IGCSE	A Level	AS Level	IB Diploma	HIGCSE	O Level/ IGC/ IGCSE	A Level	AS 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-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					
School of Human and Community Development (SHCD)									
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3		A-E	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-E	A-D	HL 4-7 SL 5-7	1-3
A-C	A-C	A-C	HL 4-7 SL 5-7	1-3					

Faculty of Science

Minimum Admission Requirements

National Senior Certificate (NSC) Bachelor's degree pass

Closing Date: 30 September 2020

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.

Programmes	Duration (years)	APS	English Home Language or First Additional Language	Mathematics	Physical Science	Wait-listing
Bachelor of Science (BSc) General	3	40 +	5	5		Applicants with 38-39 points may be wait-listed, subject to place availability.
Biological Sciences						
Bachelor of Science in the field of Biological Sciences	3	40 +	5	5		Applicants with 38-39 points may be wait-listed, subject to place availability.
Earth Sciences						
Bachelor of Science in the fields of Geographical and Archaeological Sciences	3	40 +	5	5		Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Geospatial Sciences	3	40 +	5	5		Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Geological Sciences	3	40 +	5	6	5	Applicants with 38-39 points may be wait-listed, subject to place availability.
Mathematical Sciences						
Bachelor of Science in the field of Actuarial Science	3	40 +	7	7	7	Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Computational and Applied Mathematics	3	40 +	5	6		Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Computer Science	3	40 +	5	6		Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Mathematics	3	40 +	5	6		Applicants with 38-39 points may be wait-listed, subject to place availability.
Bachelor of Science in the field of Mathematics of Finance	3	42 +	5	6		Applicants with 40-41 points may be wait-listed, subject to place availability.
Bachelor of Science in field of Mathematical Sciences	3	40 +	7	7	6	Applicants with 38-39 points may be wait-listed, subject to place availability.
Physical Science						
Bachelor of Science in the field of Physical Sciences (Chemistry/ Physics)	3	40 +	5	6	5	Applicants with 38-39 points 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 Materials Science	3	43+	5	6	5	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	Applicants with 40-42 points may be wait-listed, subject to place availability.

International Qualifications (Relevant exemption from South African Matriculation Board)

Ordinary Level (O Level)/ International General Certificate of Secondary Education (IGCSE)	Advanced Level (A Level)	Advanced Subsidiary (AS 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 Level (A Level)	Advanced Subsidiary (AS 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	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 6-7	1	A-B	A-B	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	HL 6-7	1
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-B	A-B	A-B	HL 6-7 SL 7	1-2	A	A	HL 6-7	1	A-B	A-B	HL 6-7	1
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-B	A-B	A-B	HL 6-7	1-2	A	A	HL 6-7	1	A-B	A-B	HL 6-7	1
Physical Science												
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
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



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 curricula 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 to decide on 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 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 both original language documents as well as a sworn English translation thereof.

These applicants are also required to write the International English Language Testing System (IELTS) test.

www.wits.ac.za/registration/international-students/



CLOSING DATES

30 JUNE 2020

- **All Health Sciences Programmes**
 - **Bachelor of Architecture**
 - **Bachelor of Audiology**
- **Bachelor of Speech-Language Pathology**
- **Bachelor of Arts in Film and Television**

30 SEPTEMBER 2020

- **All other Programmes**
- **Residence Applications**

www.wits.ac.za/undergraduate/apply-to-wits/

Apply online www.wits.ac.za/applications

follow steps 1-5...

1

Choose your programme/s

Apply for a maximum of three programmes

(Refer to the minimum admission requirements)

- Order of choice does not matter.
- 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.

Closing dates

30 June 2020

- Faculty of Health Sciences (all programmes)
- Bachelor of Architecture
- Bachelor of Audiology
- Bachelor of Speech-Language Pathology
- Bachelor of Arts in Film and Television

30 September 2020

- All other programmes
- Residence applications

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 Forms)

2

Upload supporting documents

Supporting documents required at the time of application

Current Matric Applicants

Applicants currently in Grade 12 must upload their final Grade 11 results at the point of application. Hard copies of final Grade 11 results are not required.

Past Matric Applicants

Applicants who have completed Grade 12 or are currently upgrading must upload their final Grade 12 results, and submit a certified hard copy of these to the Student Enrolment Centre (SEnC).

Applicants with Tertiary Experience

Applicants with tertiary experience must upload, as

well as submit an official academic transcript of all tertiary studies, whether these have been completed or not. Academic transcripts are required to include a statement of good conduct. A duly certified copy of your matric certificate is also required.

Please deliver required documentation to: **SEnC, Braamfontein Campus East, Ground Floor, Solomon Mahlangu House, Jorissen Street, Braamfontein, Johannesburg**

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.

3

Pay your application fee

Pay Application Fee

- Application fee of R100 for South African citizens (non-refundable)
- Application fee of R700 for foreign citizens (non-refundable)

Payments to be made before closing dates
30 June 2020 or 30 September 2020
(refer to point 1).

How to pay

Please deposit the exact amount into the University's Application Fee account:

Account name: Wits University - Application Fees
Bank: Standard Bank
Account type: Current Account
Account number: 200 346 385
Branch code: 004805 (Braamfontein)
CI number: 074A
SWIFT code (for international payments): SBZAJJ
Use your Temporary ID or Person Number as a reference.

You can pay via EFT, credit card or through a direct deposit at the bank. You can also pay in cash or using a credit card at:

**Fees Office, Braamfontein Campus East,
Ground Floor, Solomon Mahlangu House,
Braamfontein, Johannesburg**

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 any application related queries or any programme amendments you wish to make. Further communication will include various instructions (e.g. write the NBT, attend an interview, or submit outstanding documents).

5

Access the self-service portal

Access the student self-service portal
<https://self-service.wits.ac.za/>

Apply for residence

(click the Residence Self-Service tile)

Update personal details

(click the Student Centre tile)

Upload any outstanding documents

(click the Student Centre tile)

Check your application status

(click the Admissions tile)

View all correspondence generated

Navigator > Self Service > Wits Student Self service > Communication History

Generate a fee estimate

(click the Fee Estimator tile)

Accept offer if successful

Note:

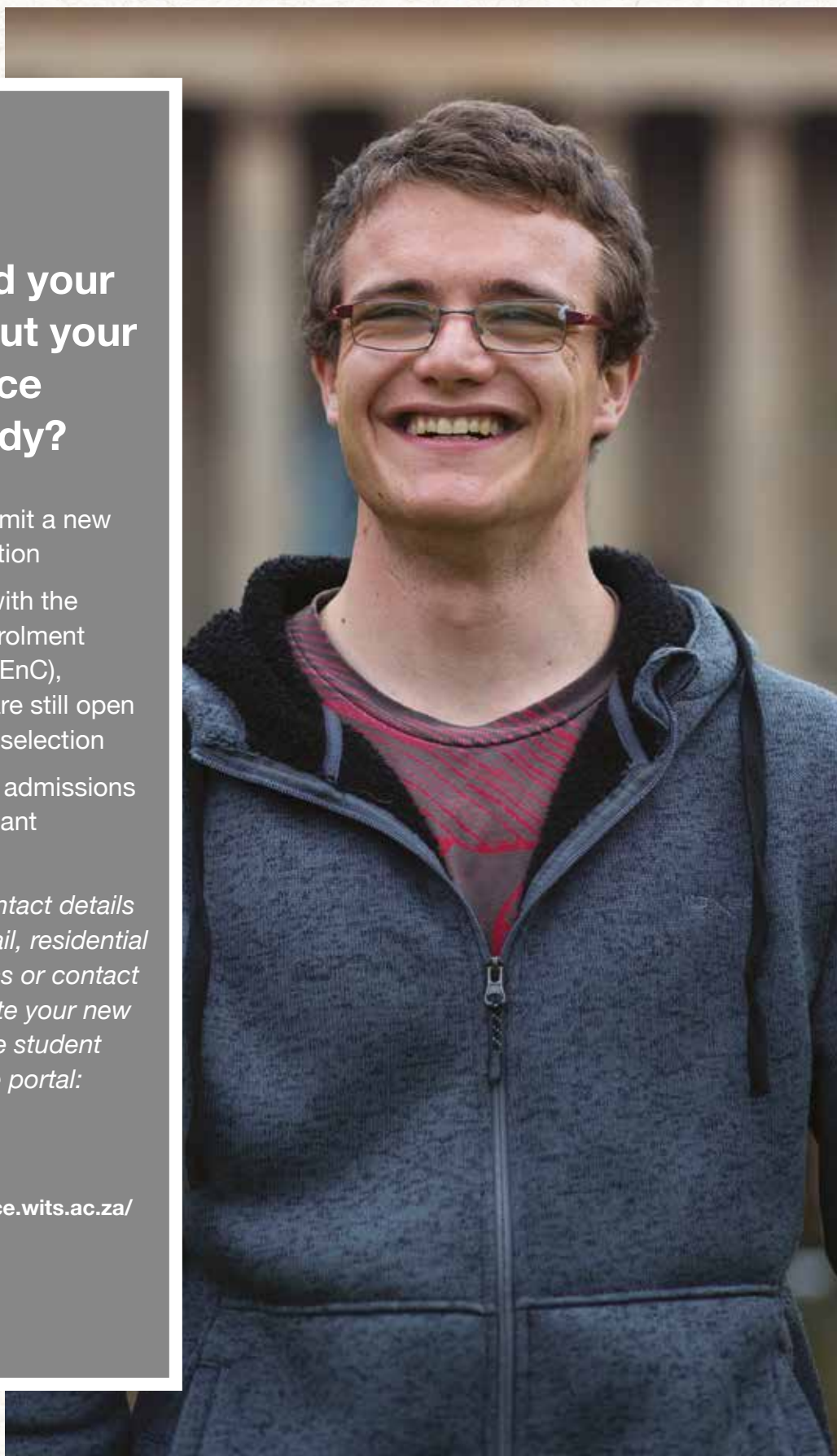
- Certain programmes have additional selection criteria, e.g. NBT, audition, portfolio.
- Applicants currently writing matric may be made a provisional offer depending on self-reported Grade 11 results.
- Firm offers can only be confirmed after the release of the final matric results.
- Successful applicants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

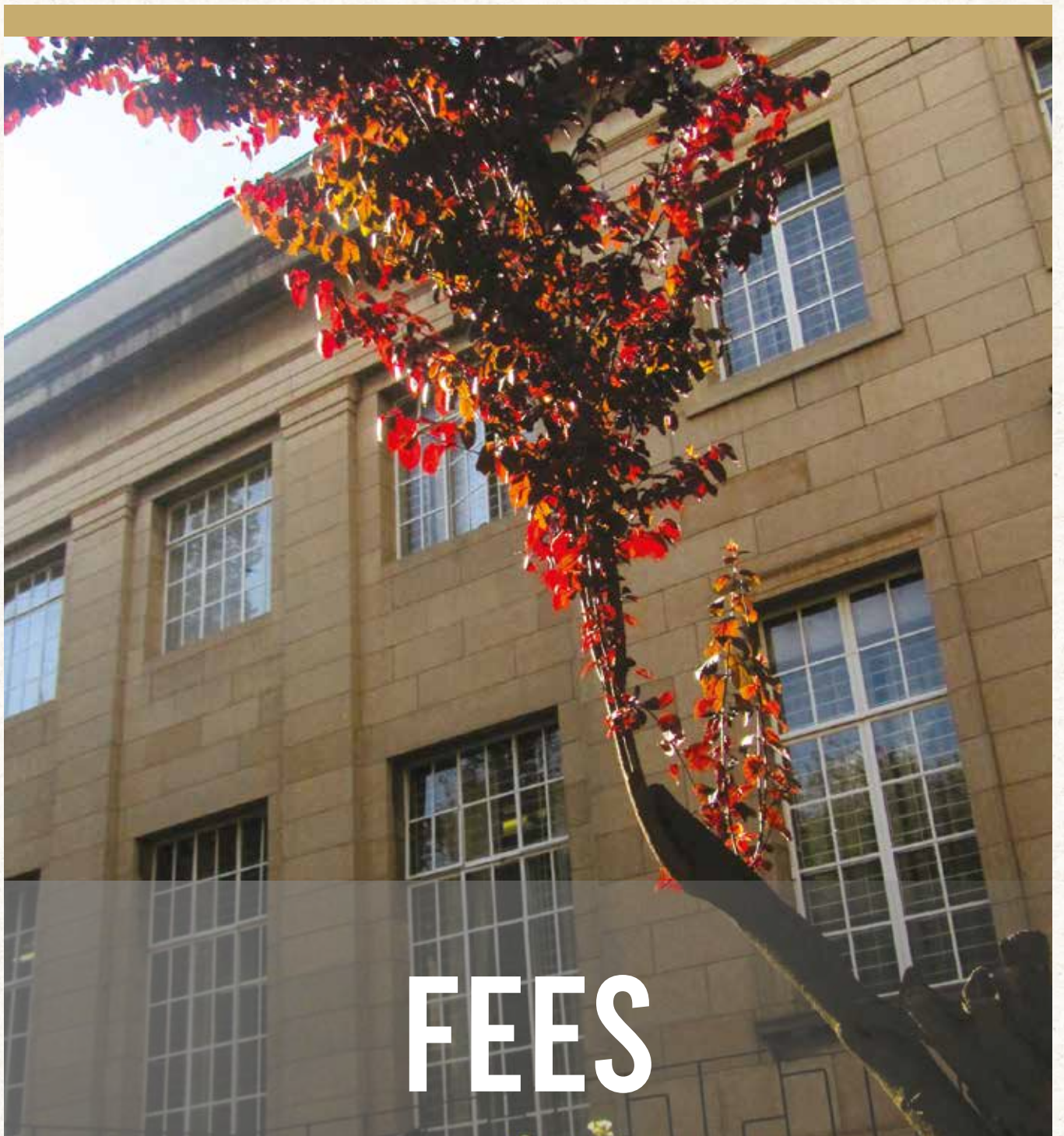
Changed your mind about your choice of study?

- 1) Do not submit a new application
- 2) Check with the Student Enrolment Centre (SEnC), if applications are still open for your new selection
- 3) Contact your admissions consultant

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

<https://self-service.wits.ac.za/>





FEES

”

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

“

Average Tuition Fees

All fees are due by 31 March 2021.

If you cannot pay you will be required to contact the Fees Office to sign a payment plan.

NOTE: At the time of going to print, the tuition fees for 2021 were not available. These are the approximate tuition fees for the first-year of study in 2021. Fees may increase by approximately 6% or more, so you need to add at least 6% to the figures listed on this page. Please note that the fees listed are for South African citizens only. International students pay a composite fee depending on the degree.

South African citizens will be expected to make a first 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.

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 March.

Programme	Fees
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Commerce, Law and Management

Bachelor of Accounting Science (BAcc)	R53 740
Bachelor of Commerce (BCom)	R47 830- R53 940
Bachelor of Economic Science (BEcon)	R47 310 - R48 910
Bachelor of Laws (LLB)	R42 140

Engineering and the Built Environment

Bachelor of Architectural Studies (BAS)	R59 530
Bachelor of Engineering Science (Biomedical Engineering) (BEngSc(BME))	R58 200
Bachelor of Engineering Science (Digital Arts) (BEngSc(DA))	R51 650
Bachelor of Science (Engineering) (BSc(Eng)) depending on branch	R54 000
Bachelor of Science (Construction Studies) (BSc(CS))	R75 240
Bachelor of Science (Property Studies) BSc(PS)	R61 960
Bachelor of Science (Urban and Regional Planning) (BSc(URP))	R61 180

Health Sciences

Bachelor of Clinical Medical Practice (BCMP)	R56 290
Bachelor of Dental Science (BDS)	R64 600
Bachelor of Health Sciences (BHSc)	R62 930

Bachelor of Nursing (BNurs)	R48 130
Bachelor of Pharmacy (BPharm)	R46 920
Bachelor of Oral Health Sciences (BOHSc)	R47 810
Bachelor of Science (Occupational Therapy) (BSc(OT))	R56 320
Bachelor of Science (Physiotherapy)	R55 360
Bachelor of Medicine and Bachelor of Surgery (MBBCh)	R64 550

Humanities

Bachelor of Arts (BA)	R43 220-R56 920
Bachelor of Arts (Digital Arts)	R47 440
Bachelor of Arts (Dramatic Art) (Theatre and Performance)	R46 800
Bachelor of Film and TV (BAFT)	R47 600
Bachelor of Arts (Fine Arts)	R55 160
Bachelor of Music (BMus)	R47 760
Bachelor of Education (BEd)	R29 210-R39 140
Bachelor of Speech-Language Pathology	R53 470
Bachelor of Audiology	R53 470
Bachelor of Social Work	R51 870

Science

Bachelor of Science (BSc)	R48 110-R59 310
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www.wits.ac.za/study-at-wits/fees-and-funding/fees-office/undergraduate-fees/

Paying for your Studies

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)

Funded by Government, the National Student Financial Aid Scheme (NSFAS) provides financial assistance in the form of a loan. Like a bank loan, an NSFAS

loan is repayable once you start working; specifically, once you are employed and are earning more than R30 000 per year. The period allowed for repayments varies according to individual circumstances, but special legislation allows the NSFAS to require employers to deduct loan repayments from the wages or salaries of borrowers.







What's great about the NSFAS is that it rewards students who succeed academically. Your academic results are used to calculate rebates (discounts), so if you pass all of your courses in any one year, 40% of your annual loan will be converted to a bursary (a part of the loan that you don't have to pay back). Furthermore, if you graduate within the minimum number of years required, you'll have saved 40% of your loan each year, and you will owe far less than someone who takes longer to complete their degree.

<http://www.nsfas.org.za>

Keep in Mind Additional Costs for Essentials...

Summary of Student Average Monthly Expenses

This is a graphic representation only. Rand values are subject to annual increases.

Item	Amount	Item	Amount
 Rent	R4,015	 Study Material (books & stationery)	R935
 Food	R3,534	 Laptop	R935
 Transport/Parking	R1,650	 Mobile	R220

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

Clothing



Toiletries



Field Trips



Faculty Specific Expenses



Especially Health Sciences

Medical



Recreation



Entertainment





Fees and Funding

1. First-time entering undergraduate students

If you've been made a firm offer by Wits University, you must formally accept the offer if you wish to study at Wits. Once you do so, the first fee payment of R9 340 is due.

There are certain conditions under which you may not need to make the first fee payment. These include students with provisional NSFAS offers; students on full scholarships/bursaries; and those who fall under the new funding threshold.

Students on full bursaries/ scholarships

Students who have been given a full Wits University scholarship, or any other approved external bursary/scholarship, must present proof to the Financial Aid and Scholarships Office (FASO). You may not be required to make the first fee payment.

Please be aware that if you are a first-time student who has been awarded a bursary or scholarship by another funder, you won't qualify for a full NSFAS bursary even if you meet the NSFAS eligibility criteria. You may, however, receive 'top-up' financial aid.

If you receive a Wits University Entrance Scholarship, and you are receiving a NSFAS grant or another bursary, you won't be able to receive the monetary value of the award.

Household income below R350 000 per year

If you are a first-time student whose gross household income per year is under R350 000, you may qualify to receive funding in 2020; made available as a bursary with conditions. Students who apply and qualify for these bursaries will have to sign a contract with the NSFAS, including academic requirements and service requirements.

The actual cost of tuition and prescribed study materials will be covered, and qualifying students may also be eligible for subsidised accommodation and living costs (including meals). Where meals are not included in the cost, there may be a separate allowance.

You'll need to:

(a) Request a deferral of the first fee payment via the Self-Service Portal <https://self-service.wits.ac.za>

(b) Tick the block to indicate that your gross household income is under R350 000 per year.

Your registration service indicator will be dropped and you will be directed to a link to download the NSFAS consent form

(c) Please complete the NSFAS consent form, sign it, and either scan it and email it to nsfas@wits.ac.za or precious.nkosi@wits.ac.za or drop off the signed original form at the Financial Aid Office on the Ground Floor of Solomon Mahlangu House.

Household income of R350 000-R600 000 per year

If your gross household income per year is between R350 000 and R600 000, you may qualify to have your 2020 fee increase paid for by Government. You'll need to:

(a) Apply for gap grant funding via the Self-Service Portal

<https://self-service.wits.ac.za>

(b) Log in and navigate as follows:

- Select Financial Aid and Residence
- Select Apply for Scholarships and Bursaries
- Select Aid Year 2020
- Select Apply/Update Application
- Select Funding Type

- Select DHET GAP Funding

Students who cannot afford the first fee payment

If you find that you can't afford the first fee payment, please access the self-service portal at <https://self-service.wits.ac.za> and acknowledge that payment can only be made by 31 March 2021, 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.

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/international_students/

In general, here's what you will need to do:

- Generate a fees quotation 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 31 March 2021.
- Once payment has been made, submit proof of payment to the Wits Fees Office, which will provide your Fees Clearance form.
- **Note:** If you are sponsored, your sponsorship letter must be vetted by the Financial Aid and Scholarships Office (FASO).
- Present your passport, relevant visa and proof of current SA medical aid membership to the International Students Office, to obtain clearance to register.

Scholarships



University Entrance Scholarships

For Matriculants only

Awards are calculated according to the Wits Admission Point Score (APS).

Scholarships are for a maximum of six subjects and exclude Life Orientation.

- APS of 51+ (R42 000)*
- APS 48-50 (R30 000)*
- APS 45-47 (R15 000)*
- APS 43-44 (R10 000)*

* excluding Life Orientation

Scholarship students are still eligible for NSFAS top-up funding.

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 only) may still be eligible for a University Entrance Scholarship. Please advise the Financial Aid and Scholarships Office (FASO) of this when you register.

If the examination authority issued you with remarked results, please give these to the University's Student Enrolment Centre by 30 September of the year for which the scholarship has been awarded.

Vice-Chancellor's Scholarships

Wits rewards academic excellence!

R60 000 is awarded to the 10 most outstanding Matriculants who apply to Wits. No application is necessary as the award is given automatically. The highest marks in a maximum of six subjects are considered and the six subjects must include:

- Two official languages (incl. English)
- Mathematics and Physical Science
- Two other designated subjects

The scholarship is renewable for each year of the first undergraduate degree, provided that academic performance remains of a high standard. The scholarship also increases annually as agreed by the Financial Aid and Scholarships Committee.

Equality Scholarships

An initiative led by the Vice-Chancellor, Professor Adam Habib, these scholarships target the top ten performing students in Quintile 1 and 2 schools, who have performed outstandingly in their Matric year and who have been offered a place at the University.

Sports Bursaries

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.

National Olympiad Winners

For Maths and English Olympiad winners

- R20 000 for winners
- R8 000 for top 10 runners up

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

Foreign Results

South African students who have completed a foreign qualification such as an A Level, AS Level, IB or German Abitur, may be eligible for recognition of distinctions achieved in these qualifications. The award is up to a maximum of R30 000. Academically excellent applicants with foreign school-leaving qualifications may also apply on an *ad hoc* basis.

IMPORTANT NOTE:

If a student receives an external bursary that is more than the maximum allocation of R155 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.



SELECT YOUR 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.

”



48

Commerce, Law and Management

www.wits.ac.za/clm/

The Faculty of Commerce, Law and Management 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 Accountancy
- School of Economic and Business Sciences
- School of Law
- Wits Plus Centre for Part-Time Studies (page 150)

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

- Bachelor of Commerce (Accounting)
- Bachelor of Commerce (Information Systems)
- Bachelor of Commerce (Politics, Philosophy and Economics)
- Bachelor of Commerce with Law
 - Two-year stream LLB
 - Three-year stream LLB
 - Four-year stream LLB
- Bachelor of Accounting Science
- Bachelor of Economic Science



66

Engineering and the Built Environment

www.wits.ac.za/ebe/

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

This Faculty comprises seven Schools:

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

We offer a range of undergraduate programmes, including:

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



Health Sciences

www.wits.ac.za/health/

The Faculty of Health Sciences pioneers African and global research that improves and saves lives. Join a community of achievers and help to shape the future.

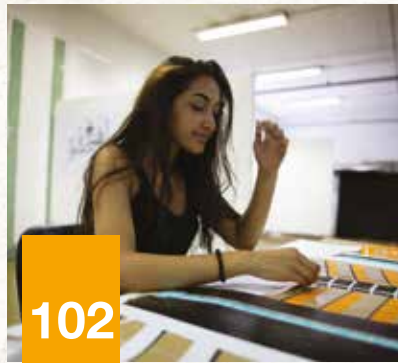
The Bachelor of Health Sciences offers three fields of study: Biokinetics, Biomedical Sciences, and Health Systems Sciences.

Degrees are offered in:

- Clinical Medical Practice
- Dentistry
- Medicine
- Nursing
- Occupational Therapy
- Pharmacy
- Physiotherapy

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/

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; Dramatic Arts; 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/

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

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

- **Mathematical Sciences:**
(Actuarial Sciences; Computational and Applied Mathematics; Computer Science; Mathematics; Mathematics of Finance; Mathematical Sciences)
- **Physical Science:**
(Physical Science; Chemistry with Chemical Engineering; Material Science; Astronomy and Astrophysics)
- **Earth Sciences:**
(Geography and Archaeology; Geospatial Science; Geological Science)
- **Biological Sciences:**
(Biodiversity; Ecology and Conservation; Organismal Biology; Applied Bioinformatics; Biochemistry and Cell Biology; Genetics and Development Biology; Microbiology and Biotechnology)

Commerce, Law and Management

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

Select your Programme

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How to structure your BCom degree

First things first

The Wits BCom 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

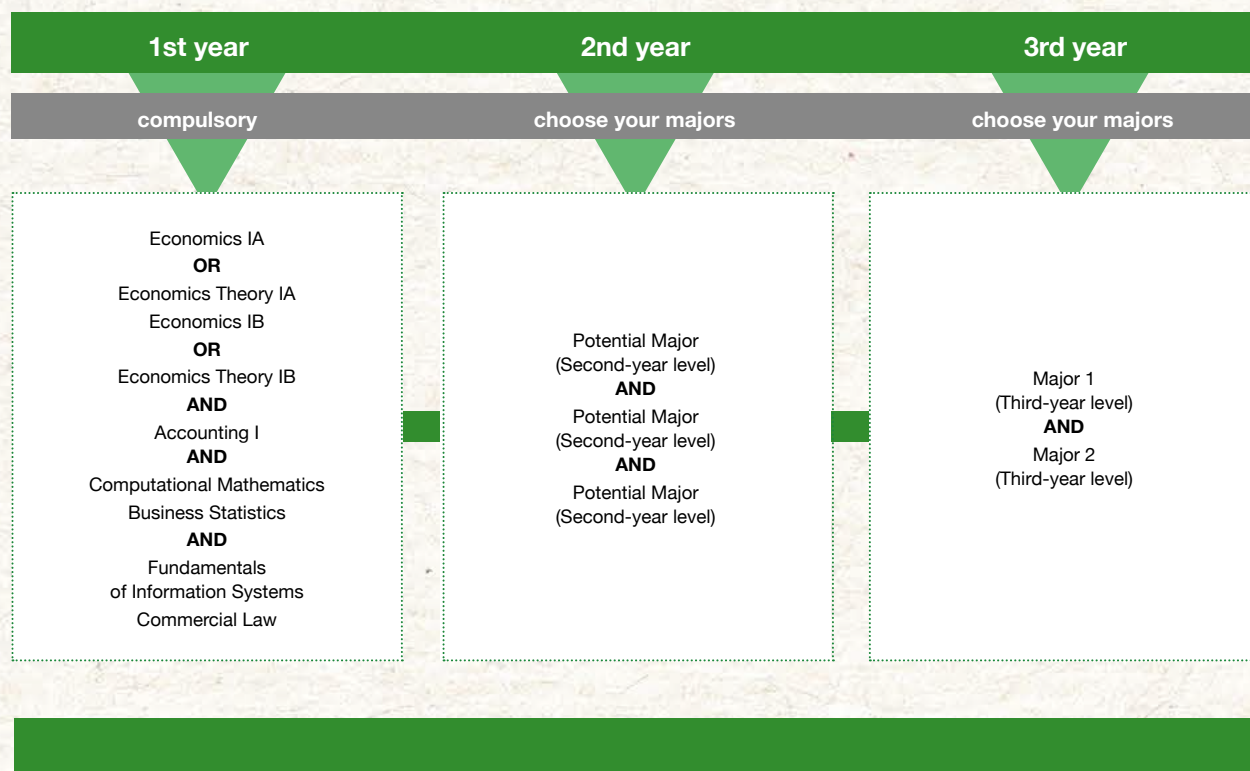
more specialised BCom degrees (e.g. BCom Law or BCom PPE), you can easily move between degrees if you change your mind later.

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 School of Accountancy (i.e. Auditing, Taxation, and Management Accounting); or
- Selected approved majors from other faculties.

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

The structure of the Wits BCom



Flexible Major Combinations



Equipping future leaders with business, management, and legal skills

Create a BCom degree that suits your career goals with our guided major combinations

■ 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 consultants.

Major Combinations

You can choose from almost any discipline, because most 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

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.

NSC Requirements

APS 39+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with an APS of 35-38, as well as English 6 and Mathematics 6, will be wait-listed subject to place availability.

International Qualifications Page 25

Closing Date: 30 September

Careers

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

Curriculum

First-year

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 (Accounting)

CBA14

Duration 3 years

The three-year, full-time BCom Accounting programme includes compulsory and elective courses.

The choice of courses within the BCom 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.

NSC Requirements

APS 39+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with an APS of 35-38, as well as English 6 and Mathematics 6, will be wait-listed subject to place availability.

International Qualifications

Page 25

Closing Date: 30 September

Careers

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

Curriculum

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

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

Internal Auditing III

Accounting Science

Bachelor of Accounting Science

CBA08

Duration

3 years

The Bachelor of Accounting Science (BAccSC) degree qualifies you 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 6

Wait-listing

Applicants with an APS of 39-41, as well as English 6 and Mathematics 6, will be wait-listed subject to place availability.

International Qualifications Page 25

Closing Date: 30 September

Careers

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

Curriculum

Please note that this degree structure is changing and is currently under development.

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

A total of 24 credits must be taken from the following course:

Economics IIA

OR

Principles of Marketing and Consumer Behaviour

OR

Human Resources Management IIA

Third-year

Financial Accounting III

Management Accounting and Finance III

Taxation III

Auditing III

BCom (LAW)

Bachelor of Commerce (Law)

CBA13

Duration: 3 years

NSC Requirements

APS

43+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with an APS of 35-42, as well as English 6 and Mathematics 6, will be wait-listed subject to place availability.

International Qualifications

Page 25

Closing Date: 30 September

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

Curriculum

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)

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

CBA05

Duration

3 years

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, actuarial science, or other business and data analytics fields.

You can choose to major in Mathematical Science from Actuarial Science, Computational and Applied Mathematics, Computer Science, Mathematics, and Mathematical Statistics.

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.

NSC Requirements

APS

42+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 6

Wait-listing

Applicants with an APS of 39-41, as well as English Level 5 and Mathematics Level 7, will be wait-listed, subject to place availability. Applicants interested in Actuarial Science require Mathematics Level 7 and English Level 6.

International Qualifications Page 25

Closing Date: 30 September

Careers

- Actuary
- Budget Analyst
- Economist
- Field Marketing Associate
- Financial Analyst
- Industry Analyst
- Management Consultant
- Policy Analyst
- Statistician

Curriculum

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:

Computational and Applied Mathematics I

OR

Basic Computer Organisation

Discrete Computational Structures

Introduction to Algorithms and Programming

Introduction to Data Structures and Algorithms

OR

Actuarial Science I

AND

Mathematical Statistics I

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:

Computational and Applied Mathematics II

OR

Database Fundamentals II

Mobile Computing II

Computer Networks II

Analysis of Algorithms II

OR

Mathematical Statistics II

OR

Actuarial Science II

Third-year

Economic Science III

AND, one of the following groups provided you have done the equivalent in the Second-year of study and complied with the pre- and co-requisite courses

Computational and Applied Maths III

OR

Software Engineering III

OR

Software Design III

AND

Formal Languages and Automata III

Advanced Analysis of Algorithms III

Operating Systems and System Programming

OR

Number Theory III

OR

Topology III

Coding and Cryptography III

OR

Rings and Fields III

Differential Geometry III

OR

Leontief Systems III

Group Theory III

Real Analysis III

Complex Analysis III

OR

Mathematical Statistics III

OR

Actuarial Science III

Information Systems

Bachelor of Commerce (Information Systems)

CBA10

Duration

3 years

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.

NSC Requirements

APS 39+

**English Home Language OR
First Additional Language**

Level 5

Mathematics Level 5

Wait-listing

Applicants with an APS of 35-38, as well as English 6 and Mathematics 6, will be wait-listed, subject to place availability.

International Qualifications Page 25

Closing Date: 30 September

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, BSG, 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.

Curriculum

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
Principles of Management IIBA and IIB
Entrepreneurship
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 (Politics, Philosophy and Economics)

CBA12

Duration

3 years

The Politics, Philosophy and Economics BCom(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(PPE) or to take politics or philosophy as part of a general BCom degree.

NSC Requirements

APS 39+

English Home Language OR First Additional Language
Level 5

Mathematics

Level 5

Wait-listing

Applicants with an APS of 35-38, as well as English Level 6 and Mathematics Level 6, will be wait-listed subject to place availability.

International Qualifications on Page 25

Closing Date: 30 September

Careers

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



Curriculum

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 Second-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 at least 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(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(Law) and pair this with courses like politics, sociology, economics, or languages.

Both the BCom(Law) and BA(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.

This 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.

Wait-listing

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.

International Qualifications Page 25

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

Curriculum

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.

Wait-listing

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. 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 60% 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

Curriculum

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

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

NSC Requirements

APS

43+

English Home Language OR Additional First Language

Level 6

Mathematics

Level 5

Maths Literacy

Level 6

Wait-listing

Students who come to Wits immediately after Matric may apply for the four-year LLB.

Applicants with an APS of 40-42, as well as English Level 6 **AND** Mathematics Level 5 **OR** Maths Literacy Level 6, will be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

Careers

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

- Professional Counsellor
- Prosecutor

Curriculum

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

Engineering and the Built Environment



Accreditation

Our undergraduate engineering degrees are recognised by the Engineering Council of South Africa and have also been approved by the professional engineering accrediting bodies in the USA, Canada, Australia, New Zealand, the UK, Ireland and Hong Kong.

Select your Programme

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Schools in Engineering

School of Chemical and Metallurgical Engineering

The School of Chemical and Metallurgical Engineering offers expertise in various fields of engineering and is involved in cutting-edge research activities spanning chemical, metallurgical, and materials engineering.

The four-year BSc(Eng) degree in Chemical or Metallurgical and Materials Engineering is continually reviewed, modified, and re-aligned to reflect best practices within the industry and the wider profession.

School of Civil and Environmental Engineering

The School of Civil and Environmental Engineering offers a four-year BSc(Eng) degree in Civil Engineering. In the first two years, you will develop your competency in mathematics, science, computing, communication, and engineering design and problem-solving.

In the third and Fourth-years, you will focus on geotechnical engineering, hydrology, hydraulics, infrastructure planning and management, structural engineering, and construction materials.

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 EMC, telecommunications, information engineering, bio-medical 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 Level, 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 Departments within the School of Mechanical, Industrial, and Aeronautical Engineering have produced world-class engineers and have remained at the forefront of engineering in South Africa for over 100 years.

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

Industrial engineers study complex systems, processes, and technology in order to devise efficient systems.

Aeronautical Engineering

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

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 subjects for specialist skills in mining, mineral resource management and evaluation, and rock engineering, as well as management skills in evaluation techniques and fundamental mineral economic principles.

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

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 and mineral processing.

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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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

Energy Balances and Applications

Engineering Chemistry IIA **AND** IIB

Process Engineering Fundamentals A **AND** B

Electrical Engineering

Mathematics II

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

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, welding and forming processes, and powder metallurgy). As in Chemical Engineering, the Materials Engineering curriculum 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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 Metallurgy
Material 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

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 all-important infrastructure supports people's basic needs, while enabling and driving economic development.

In the first two years of study, you will focus on developing competencies in mathematics, science, computing, communication, and engineering design/problem-solving. In third and Fourth-years, you will take courses in Geo-technical Engineering, Hydrology, Hydraulics, Infrastructure Planning and Management, Structural Engineering, and Construction Materials.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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

• Vacation Work (Civil)

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

Engineering Surveying

Practical Training (Civil)

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

Transport Engineering

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

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 power-generating 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 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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.

Electromagnetic Engineering
Electronics II
Power Engineering
Probabilistic Systems Analysis
Software Development II
Signals and Systems IIA AND IIB
Control I
Electrical Engineering Design
Economics of Design
Mathematical Methods
Vacation Work II (Electrical)

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
• Software Engineering
• Software Development III
• Electromechanical Conversion
• Control II
• Power Systems
• Data Intensive Computing in Data Science

Information Engineering

Bachelor of Science in Engineering in Information Engineering

EFA03

Duration: 4 years

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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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
Vacation Work II (Electrical)

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 Engineering
- Software Development III
- Control II
- Network Fundamentals
- Data Intensive Computing in Data Science

Biomedical Engineering

Bachelor of Engineering Science in Biomedical Engineering

EBA00

Duration: 3 years

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, and BSc(Hons) in Physics.

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

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Physical Science

Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

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

Curriculum

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)
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

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.

NSC Requirements

APS

42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

Additional Selection Criteria

You will be required to attend a digital arts workshop.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications Page 27

Closing Date: 30 September

Careers

- Animation
- Game Design
- Software Engineer
- Software Development

Curriculum

First-year

Engineering Analysis and Design IA **AND** IB

Engineering Mathematics IA **AND** IB

Engineering Physics IA **AND** IB

Applied Physics

Key Concepts in 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

Introduction to Game Creation IIA **AND** IIB

Third-year

Electrical and Magnetic Systems

Signals and Systems I

Professional Practice and Software Development

Introduction to the World Wide Web as Creative Medium III

Game Design IIIA **AND** IIIB

Mechanical Engineering

Bachelor of Science in Engineering in Mechanical Engineering

EFA05

Duration: 4 years

Design, develop, and manufacture aerospace vehicles 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications

Page 27

Closing Date: 30 September

Careers

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

Curriculum

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
Mechanical Engineering Design I
Fluid Mechanics I
Engineering Thermodynamics I
Third-year
Mathematical Methods
Mechanical Engineering Laboratory II
Mechanics of Solids I
Mechatronics I
Business Management
Mechanical Engineering Design and Production
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
Selected Topics in Social Science
Vacation Work II (Mechanical)

Industrial Engineering

Bachelor of Science in Engineering in Industrial Engineering

EFA07

Duration: 4 years

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?

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

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

Curriculum

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

Mechanical Engineering Design I

Fluid Mechanics I

Engineering Thermodynamics

Third-year

Industrial Engineering Design

Industrial Engineering Laboratory

Mechatronics I

Business Management

Operations Management: Techniques

Manufacturing Technology: Processes

Principles of Organisational Behaviour

Engineering in its Social Context

Operations Research

Mathematical Topics (Industrial)

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

Selected Topics in Social Science

Vacation Work II (Mechanical)

Aeronautical Engineering

Bachelor of Science in Engineering in Aeronautical Engineering

EFA06

Duration: 4 years

Design, develop, and manufacture 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

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
Mechanical Engineering Design I
Fluid Mechanics I
Engineering Thermodynamics
Third-year
Mathematical Methods
Aeronautical Engineering Laboratory
Aircraft Design
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
Selected Topics in Social Science
Vacation Work II (Mechanical)

Mining Engineering

Bachelor of Science in Engineering in Mining Engineering

EFA09

Duration: 4 years

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, geology and surveying. In the third and Fourth-years, you will study mining engineering subjects, including courses in technical valuation, ventilation, environmental engineering, mine transportation, and rock mechanics. In the final stage of the undergraduate 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.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Physical Science Level 5

Wait-listing

Students with English, Mathematics and Physics at Level 5 will be wait-listed, subject to place availability.

Generally, applicants who achieve 70% in English, Maths and Physical Science stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

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

Curriculum

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)
Vacation Work II (Mining)



The Built Environment

Accreditation

Our architecture degrees are accredited by the South African Council of Architects and the Commonwealth Association of Architects.

Planning degrees are accredited by the South African Council for Planning.

Each of the Built Environment degrees deals with a different aspect of our physical environment. Wits Built Environment qualifications address the social, spatial, cultural, and infrastructural needs of a transforming South Africa.

The delivery of affordable housing, the development of rural and urban environments, and solving other social and physical challenges form the basis of the degrees offered.

Working in the built environment requires a keen environmental and social awareness, as well as mathematical, analytical, and organisational ability.

When designing a building, architects need to consider many factors. These include the building's intended purpose; how to place the building in harmony with its surroundings; site restrictions; and creative expression.

Urban and regional planners help to shape better places for people to live, work, and relax. Good planning considers population changes, community life, economic development, environmental questions, and design.

The **Property Studies** specialist requires a combination of legal, financial, and engineering skills to implement property solutions in line with corporate or government strategy. As such, s/he must be up-to-date with the latest thinking in property investment and development.

Construction managers are experts

in effective and efficient construction and property development. As such, they oversee projects that include planning the layout of sites, overseeing contractors, and ensuring that building regulations are adhered to.

Quantity surveyors are the financial specialists of the building industry. They contribute their skills and knowledge of costs and revenues to the planning of all building and engineering projects to ensure they are cost-effective.

Built Environment programmes provide an entry qualification into professional degrees, such as:

- Bachelor of Architecture Studies into BAS(Honours), which leads to the MArch (Prof) in Architecture. The Bachelor of Architectural Studies degree is internationally validated.
- Bachelor of Science in Urban and Regional Planning into BSc(URP) (Honours) in Urban and Regional Planning. The BSc(URP) Honours programme is accredited by the South African Council of Planners (SACPLAN).
- Bachelor of Science in Construction Studies into Honours in Quantity Surveying and Construction Management. The BSc(Hons) (Construction Management) and the BSc(Hons) (Quantity Surveying) are both internationally accredited.

- Bachelor of Science in Property Studies. Provisional conditional accreditation status by the South African Council for Property Valuers Profession (SACPVP).

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 housing, 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.

Architectural Studies

Bachelor of Architectural Studies

FBA00

Duration: 3 years

Enhance human lives and experiences through space and structure design.

Architects design buildings and spaces that enhance human lives and experiences, and leave culturally and socially rich environments for future generations.

The Bachelor of Architecture Studies (BAS) curriculum extends over three years. Once you have completed the BAS programme, you will be required to work in an architectural practice for one year. You can then apply for the one-year, full-time BAS(Hons) qualification, and then the one-year, full-time MArch (Professional) qualification. If you meet the minimum BAS qualification requirements, you will be granted automatic admission to the BAS(Hons) programme, while remaining places are subject to additional selection criteria.

With a BAS qualification, you can register with the South African Council for the Architectural Professions as an architectural technologist. With a Master of Architecture (Professional) qualification, you can register as a candidate professional architect. After two years working as a registered candidate professional architect, you may qualify to register as an architect.

Wits architecture degrees are accredited by the South African Council of Architects and validated by the Commonwealth Association of Architects.

NSC Requirements

APS

34+

English Home Language OR First Additional Language

Level 4

Mathematics

Level 4

Wait-listing

Acceptance depends on departmental selection. Applicants must complete a written and graphic exercise, and may be required to attend an interview. Applicants with a Wits APS of 29-33 may be accepted on the basis of exceptional scores, following an interview.

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 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 27

Closing Date: 30 June

Careers

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

Curriculum

First-year

Applied Mathematics

Architectural Design and Theory I

Theory and Practice of Construction I

Histories and Theories of Architecture I

Design Representation I

Digital Applications in Architecture II

Building Ecology

Second-year

Architectural Design and Theory II

Theory and Practice of Construction II

Histories and Theories of Architecture II

Design Representation II

Digital Applications in Architecture II

Civil Engineering Theory I

Introduction to Structures

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

Sustain the environment and develop economic and social wellbeing.

The Bachelor of Science 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 creating places with meaning and quality.

The programme covers a range of fields, including geography, economics, sociology, 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 local, provincial, or national government, as well as 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.

NSC Requirements

APS 36+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Students with English and Mathematics at Level 5 will be wait-listed, subject to place availability. Generally, applicants who achieve 60% in English and Mathematics stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

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

Curriculum

First-year
Mathematical Technique for Planners
Settlements through History
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 & 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

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 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.

NSC Requirements

APS 36+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Students with English and Mathematics at Level 5 will be wait-listed, subject to place availability. Generally, applicants who achieve 60% in English and Mathematics stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

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

Curriculum

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

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

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.

Property Studies

Note: Programme may be subject to change

Bachelor of Science in Property Studies

FF004

Duration: 4 years

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 four-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 professional skills training, including oral and written communication, the ability to work in teams, financial statement analysis, valuation, and financial modelling. In the Fourth-year, you will get additional training in entrepreneurship and leadership.

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.

NSC Requirements

APS 36+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Students with English and Mathematics at Level 5 will be wait-listed, subject to place availability. Generally, applicants who achieve 60% in English and Mathematics stand a greater chance of being accepted.

International Qualifications Page 27

Closing Date: 30 September

Careers

- Banking, Investment and Finance
- Built Environment Analyst
- Consulting
- Damage Assessor

- Development and Corporate Real Estate
- Policy Analyst
- Property Management
- Property Valuation

Curriculum

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

Construction Technology

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

Building Science I

Construction Technology II

Real Estate Valuation

Professional and Research Skills

Real Estate Finance

Real Estate Management

Environmental Impact Assessment

Building Services

Building Technology II

Fourth-year

Entrepreneurship and Innovation

Advanced Real Estate Evaluation

Management and Leadership in the Property Sector

Commercial Real Estate Investments

Corporate Real Estate

Real Estate Development

Facilities Management

Advanced Real Estate

Market Analysis

Research Report

Health Sciences



Our research impacts directly on improving and saving lives of people every day.

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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 86-88).

Biokinetics

Bachelor of Health Sciences in the field of Biokinetics

MBA05

Duration: 3 years

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 Centre for Exercise Science and Sports Medicine. It allows you to pursue studies and professional training as a biokineticist.

NSC Requirements

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Life Sciences AND/OR Physical Science

Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

1) Your matric academic results for five subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

International Qualifications

Page 29

Closing Date: 30 June

Careers

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

Curriculum

First-year
Introduction to Medical Sciences I
Chemistry I
Physics I
Health Systems Sciences
System Dynamics for Health Sciences
Second-year
Human Anatomy II
Exercise Science II
Physiology and Medical Biochemistry II
Third-year
Physiology III
Exercise Science III

Biomedical Sciences

Bachelor of Health Sciences in the field of Biomedical Sciences

MBA05

Duration: 3 years

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.

NSC Requirements

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Life Sciences AND/OR Physical Science

Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

1) Your matric academic results for five subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree,

are not required to write the NBT.

International Qualifications

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Closing Date: 30 June

Careers

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

Curriculum

First-year

Introduction to Medical Sciences I

Chemistry I

Physics I

Health Systems Sciences

System Dynamics for Health Sciences

Second-year

Human Anatomy II

Molecular Medicine II

Physiology and Medical Biochemistry II

Third-year

*Two of the following courses:

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

*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

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 module to help you to understand the underlying principles of health and disease.

You will also gain a basic understanding of disease epidemiology, leading into courses dealing with public health, primary healthcare 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.

NSC Requirements

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Life Sciences AND/OR Physical Science Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

1) Your matric academic results for 5 subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

International Qualifications

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New and exciting career opportunities in:

- Epidemiology
- Health Systems Management
- Public Health

Curriculum

First-year
Introduction to Medical Sciences I
Chemistry I
Physics I
Health Systems Sciences
System Dynamics for Health Sciences
Second-year
Applied Anatomy and Physiology II
Health Systems Sciences II
Public Health II
Third-year
Health Systems Sciences III
Public Health III

Clinical Medical Practice

Bachelor of Clinical Medical Practice

MBA01

Duration: 3 years

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 Wits Medical School. 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.

NSC Requirements

English Home Language OR First Additional Language

Level 4

Mathematics Level 4 OR Maths Literacy Level 7

Life Sciences AND/OR Physical Science Level 4

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

- 1) Your matric academic results for 5 subjects: English, Mathematics, Maths Literacy, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.
- 2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

International Qualifications

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Closing Date: 30 June

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.

Curriculum

First-year

Fundamentals of Medical and Clinical Science

Second-year

Fundamentals of Clinical Medical Practice

Third-year

Applied Clinical and Medical Practice

Dental Science



“

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

”

Bachelor of Dental Science

MFA08

Duration: 5 years

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 course. 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 (HPCSA).

NSC Requirements

English Home Language OR First Additional Language
Level 5

Mathematics Level 5

Life Sciences Level 5

Physical Science Level 5

This includes:

1) Your matric academic results for 5 subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

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 certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. Please download the form from: www.wits.ac.za/undergraduate/apply-to-wits/ under Additional Forms. Applicants who fail to submit a certificate will not be considered for admission.

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Career

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

Curriculum

First-year

Anatomy for Dental Students

Physiology and Medical Biochemistry I

Bioethics and Health Law I

Fundamental Dental Skills

Community Dentistry

Dental Materials for Dental Students I

Second-year

Pathology (Anatomical and Haematological)

Oral Biology for Dental Students

Medical Microbiology

Oral Microbiology

Paediatric, Endodontic and Restorative Dentistry I

Prosthodontics I

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

Medicine and Surgery

Bachelor of Medicine and Bachelor of Surgery

MFA00

Duration: 6 years

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.

NSC Requirements

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Life Sciences AND/OR Physical Science Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection. This includes:

- 1) Your matric academic results for five subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.
- 2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

Admission into MBBCh:

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).

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 3 to 6 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 29

Closing Date: 30 June

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

Curriculum

First-year
Introduction to Medical Sciences I
Chemistry I
Physics I
Sociological Foundations of Health
Psychological Foundations of Health
System Dynamics for Medical Students
Second-year
Human Anatomy
Molecular Medicine
Physiology and Medical Biochemistry I
Medical Thought and Practice 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

Note: Programme may be subject to change

Bachelor of Nursing

Duration: 4 years

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 also offers opportunities for further study in nursing.

NSC Requirements

English Home Language OR First Additional Language

Level 4

Mathematics Level 4

Life Sciences AND/OR Physical Science Level 4

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

- 1) Your matric academic results for five subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.
- 2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

International Qualifications Page 29

Closing Date: 30 June

Careers

- General nursing
- Child nursing
- Intensive care nursing
- Nursing education
- Nephrology nursing
- Oncology and palliative nursing
- Psychiatric nursing
- Research
- Trauma and emergency nursing
- Midwife

Curriculum

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

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 wellbeing, 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 wellbeing. 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.

NSC Requirements

English Home Language OR First Additional Language

Level 4

Mathematics Level 4

Life Sciences AND/OR Physical Science Level 4

The Faculty of Health Sciences uses a composite index score to guide applicant selection. This includes:

1) Your matric academic results for 5 subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors 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 certificate of attendance (minimum: 16 hours).

Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. You can download a certificate

of attendance form from the Wits website, under Additional Forms: www.wits.ac.za/undergraduate/apply-to-wits Without this certificate, you will not be considered for admission to the programme.

International Qualifications Page 29

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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

Curriculum

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

Oral Health Sciences



Bachelor of Oral Health Sciences

MBA04

Duration: 3 years

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.

NSC Requirements

English Home Language OR First Additional Language

Level 4

Mathematics Level 4 **OR Maths Literacy** Level 7

Life Sciences AND/OR Physical Science

Level 4

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

- 1) Your matric academic results for 5 subjects: English, Mathematics **OR** Maths Literacy, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

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 certificate of attendance (minimum 16 hours). Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. Please download the form from:

www.wits.ac.za/undergraduate/apply-to-wits/ under Additional Forms.

Applicants who fail to submit a certificate will not be considered for admission.

International Qualifications

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Closing Date: 30 June

Careers

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

Curriculum

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



Pharmacy

Bachelor of Pharmacy

MFA04

Duration: 4 years

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 pharmacists research and develop 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.

NSC Requirements

English Home OR First Additional Language Level 5

Mathematics Level 5

Life Sciences AND/OR Physical Science Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

- 1) Your matric academic results for five subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.
- 2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

International Qualifications Page 29

Closing Date: 30 June

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

Curriculum

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

Use 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 multidisciplinary team in hospitals, clinics, community health centres, private practices, schools for children with disabilities, centres for people living with disabilities, and sports centres.

NSC Requirements

English Home OR First Additional Language

Level 5

Mathematics Level 5

Life Sciences AND/OR Physical Science

Level 5

The Faculty of Health Sciences uses a composite index score to guide applicant selection.

This includes:

- 1) Your matric academic results for 5 subjects: English, Mathematics, Physical Science/Life Sciences, and the best two other subjects. We consider the percentage achieved, not the symbol.

2) National Benchmark Test (NBT) scores.

Each of the two components carries a 50% weighting.

All applicants must write the NBT. Refer to Page 100 for more information on the NBT. Applicants applying to the Graduate Entry Medical Programme (GEMP) **only**, as well as applicants who have already completed a Bachelors Degree, are not required to write the NBT.

All applicants to BSc(Physiotherapy) must spend time observing a professional physiotherapist and complete a certificate of attendance (minimum: 16 hours).

Only observation hours completed between 1 July 2019 and 31 July 2020 will be accepted. You can download a certificate of attendance form from the Wits website, under Additional Forms: www.wits.ac.za/undergraduate/apply-to-wits

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

International Qualifications

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Careers

The field of physiotherapy is vast, encompassing six 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)

Curriculum

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 Admission Requirements

National Benchmark Tests (NBT)

All Faculty of Health Sciences applicants (except those applying for admission into the Graduate Entry Medical Programme, or GEMP) must write the National Benchmark Tests (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 are unlikely to be considered for a place in the Health Sciences degrees. For more information on the performance levels, please refer to the NBT website: <http://www.nbt.ac.za>
- These are standard tests for all medical schools in South Africa. You only have to write the tests once, regardless of the number of schools you apply to.

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 15 August.

Results received for tests written after this date WILL NOT be considered. 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 will be considered for selection purposes, so, we advise against writing the tests more than once in a year.

- NBT results are valid for three years.

Wits Additional Placement Test (WAPT) for GEMP Applicants

To calculate a composite index, all contributing components must be finalised (into a tertiary aggregate). You will be notified of your eligibility to write the WAPT, scheduled for September, as and when documentation for applications is complete. This includes academic transcripts and all other pertinent documents.

If documents are not submitted by **15 July**, we will not consider your application. This is why you need to start preparing well in advance of notification. You can find all information about the content and nature of each component of the tests on the GEMP website: www.wits.ac.za/health/gemp

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.

Benchmark Performance Levels

Academic Literacy	Min	Max
Proficient	64	100
Intermediate	38	63
Basic	0	37
Quantitative Literacy		
Proficient	70	100
Intermediate	38	69
Basic	35	67
Maths		
Proficient	68	100
Intermediate	35	67
Basic	0	34

Health Sciences Compliance

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:

- 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.

Such objections and failure to comply with programme requirements would interfere 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
- 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 MBChB, 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.

Humanities

The BA (General) programme allows you to choose which courses you want to study.

Accreditation

Wits Faculty of Humanities has been ranked the best in Africa

2020 Times Higher Education World University Rankings evaluated teaching, research and other key indicators, and Wits came out tops.

Select your Programme

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www.wits.ac.za/humanities/

Bachelor of Arts (General)

Bachelor of Arts (General)

ABA00

Duration: 3 years

The Bachelor of Arts (BA) three-year full-time programme includes two majors and 22 courses (refer to pages 104-106 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.

A general BA student is required to complete two semester courses in one of the following languages: isiZulu or Sesotho or South African Sign Language (SASL). If the student is proficient in isiZulu and Sesotho, they are advised to do one of the following:

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, SASL, or Spanish;

(iii) Formally apply to the Dean for exemption from the requirement to register for a language subject.

NSC Requirements

APS 34+

English Home Language OR First Additional Language
Level 5

Wait-listing

Applicants with entry requirements of at least 30-33 APS points are wait-listed, subject to place availability.

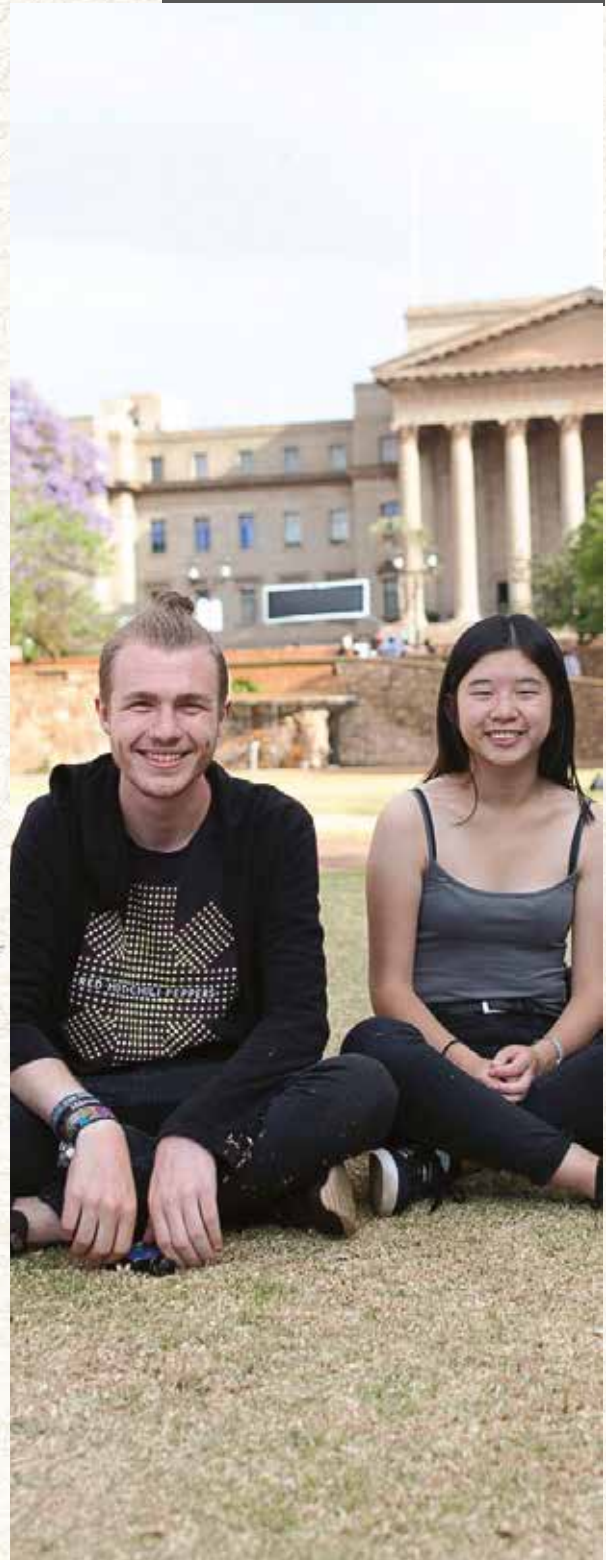
International Qualifications

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Closing Date: 30 September

Careers

Refer to 'Mix and match courses to suit your career' on page 107.



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, historical, and/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.

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 geography.

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 from:

African Languages, African Languages Literature, African Linguistics, African Literature, African Studies in History and Politics, Anthropology

Choose courses from:

South African Sign Language, History, History of Art, International Relations, Modern Languages, Screen Studies

Interested in Communications or Journalism as a career?

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 as a career?

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 as a career?

Choose majors from:

Labour and Economic Sociology, History, International Relations, Maths, Political Studies, Psychology/Organisational Psychology, Philosophy

Interested in Education as a career?

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 as a career?

You can choose majors from Economics, International Relations, and Political Studies, and combine these with a language course, such as French, German, Italian, Portuguese, or Spanish

Choose courses from:

African Studies in History and Politics, History, History of Art, Philosophy, Psychology, Sociology

Interested in Heritage and Museum work as a career?

Choose majors and courses from:

Archaeology, Geography, History, Anthropology, Film, Visual and Performing Arts, History of Art, various languages

Interested in History as a career?

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 as a career?

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 as a career?

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 as a career?

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 as a career?

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 as a career?

If you want to understand the relationship between the world of work, the individual, and the broader society.

Choose majors from:

African Languages and Literature, Anthropology, Economics, History, Industrial and Economic Sociology, and Psychology/Organisational Psychology. You can choose courses from Linguistics, Modern Languages, Psychology, and South African Sign Language.

BA(Law)



Bachelor of Arts (Law)

ABA02

Duration 3 years

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. **Requirements**

APS

43+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 3

Maths Literacy

Level 4

Wait-listing

Applicants with an APS of 40-42 will be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

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



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.

www.wits.ac.za/wsoa/

Digital Arts

Bachelor of Arts in Digital Arts

AFA11

Duration: 4 years

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 Art) and the WSoA (BA Digital Arts).

NSC Requirements

APS

34+

English Home Language OR First Additional Language

Level 5

Wait-listing

Applicants with an entry requirement of at least 30-33 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

You will be required to attend a digital arts workshop.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications

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Closing Date: 30 September

Careers

- Animator
- Game Developer
- Systems Administrator
- Game Writer
- VR Developer

Curriculum

First-year
Film, Visual and Performing Arts IA AND IB
Game Design IA AND IB
Digital Arts Practice IA AND IB
AND
Any Level 1000 course yielding 36 credits in a subject approved by Senate
Second-year
Digital Art Theory II
Game Design IIA AND IIB
Digital Art Design Project
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
Writing and Interactivity IIIA AND IIIB
Interactive Media IIIA AND IIIB
Animation IIIA AND IIIB
Game Design IIIA AND IIIB
Writing and Interactivity 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

Dramatic Arts

Bachelor of Arts in Dramatic Arts

AFA00

Duration: 4 years

Immerse yourself in the theoretical and practical study of theatre and performance.

The four-year BA in Dramatic Arts 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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language

Level 5

Wait-listing

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 Drama auditions close in October 2020.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications

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Closing Date: 30 September

Careers

• Choreographer • Critics • Director • Designer • Performer
• Production and Arts Manager • Teachers/Facilitators/
Academics • Theatre-Maker • Theorists • Writer

Curriculum

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

Any Level 1000 courses yielding 36 points in a subject approved by the Senate

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** IIB
- 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

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
- 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
- Interactive Media 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

Film and Television

Bachelor of Arts in Film and Television

AFA10

Duration: 4 years

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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language

Level 5

Wait-listing

Applicants with entry requirements of at least of 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.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications Page 31

Closing Date: 30 June

Careers

• Director • Editor • Film-Maker • Producer • Writer

Curriculum

First-year
Film, Visual and Performing Arts 1A AND 1B
Visual Storytelling 1A AND 1B
Image Creation 1A AND 1B
Level 1000 courses yielding 36 credits
Second-year
Image Creation 2A AND 2B
Visual Storytelling 2A

Select courses yielding 48 credits from:

- Film, Visual and Performing Arts 1A: Storytelling across Media and Cultural contexts
- Screen Studies 1B, **OR**
- History of Arts 1A
- Critical Music Studies: Concepts and Contexts 1A

Third-year

Directing Fiction 3

Documentary Film-making 3

Principles of Sound Design 3

Principles of Studio Production 3

Screen Writing 3A **AND** 3B

OR, select one course from the following:

- Interactive Media 3A
- Animation 3A
- Theories of Art
- Introduction to Cultural Policy and Management A
- Funding Contexts in Cultural and Creative Industries

OR

Screen Studies 3A

AND

- Film, Visual and Performing Arts 3A: Aesthetics Technologies and Commodity Cultures
- Film, Visual and Performing Arts 3B: Medium, Process and Criticality

OR

History of Art 3C **AND** 3D

OR

- Music in History and Society 3: Musical Modernisms
- Music in History and Society 3: Music in Contemporary Lives

OR

Level 3000 courses yielding 36 credits

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:

- Fact and Fiction 4
- Experimental Film 4
- Fundamentals of Post-production 4
- Fundamentals of Cinematography 4
- Screenwriting 4A **AND** Screenwriting 4B

OR

Select three courses from the list above **AND** one appropriate Fourth-year course from the following:

- Film Studies 4A **AND** 4B
- Digital Humanities
- Participatory Cultures
- Cultural Entrepreneurship
- Arts, Marketing: Context, Strategies and Practices
- Animation 4
- Interactive Media 4
- Key Moments in the 20th Century Arts: Tradition and Innovation.
- Selected topic in Interdisciplinary Arts and Cultural Studies

Fine Arts

Bachelor of Arts in Fine Arts

AFA01

Duration: 4 years

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.

NSC Requirements

APS 34+

English Home Language OR

First Additional Language

Level 5

Wait-listing

Applicants with entry requirements of at least 30-33 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

Applicants must contact the School to schedule an interview. Remember to take a portfolio of work to the interview.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications

Page 31

Closing Date: 30 September

Careers

- Animator
- Art Historian
- Artist
- Curator
- Critic
- Designer
- Photographer
- Teacher

Curriculum

First-year

Fine Arts IA **AND** IB

Film, Visual and Performing Arts IA **AND** IB

Drawing and Contemporary Practice IA **AND** IB

AND

Select a pair of courses from the following:

- Music Literacies and Skills 1A **AND** 1B
- Music Performance Studies IA **AND** IB
- Music Literacies Preliminary Studies A **AND** B
- General Musicianship: Preliminary Studies
- Music Performance: Preliminary Studies

OR

Level 1000 course yielding 36 credits

Second-year

Fine Arts IIA **AND** IIB

History of Arts IIA **AND** IIB

Drawing and Contemporary Practice IIA **AND** IIB

AND

Select a pair of courses from the following:

- Design and Production Studies IIA **AND** IIB
- Music Literacies and Skills IIA **AND** IB
- Music Performance Studies 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

AND

Select one course from the following:

- Animation IIIA **AND** IIIB
- Interactive Media Design IIIA **AND** IIIB
- Writing and Interactivity IIIA **AND** IIIB
- Music Composition Studies IIIA **AND** IIIB
- Music and Performance Studies IIIA **AND** IIIB
- Theories of Art

Fourth-year

Research Project

Critical Theories and Visual Cultures

Fine Arts IVA and IVB

AND

Select one course from the following:

- Professional Practice in Fine Arts
- Design IVA
- Animation IV
- Interactive Media IV
- Key Moments in 20th Century Arts: Tradition and Innovation
- Selected Topic in Interdisciplinary Arts and Culture Studies

OR

Level 4000 course yielding 23 credits



Music

Bachelor of Music

AFA02

Duration: 4 years

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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language
Level 5

Wait-listing

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.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

www.wits.ac.za/undergraduate/apply-to-wits/

International Qualifications Page 31

Closing Date: 30 September

Careers

- Arrangement
- Composing
- Conducting
- Education
- Entertainment Law
- Music Journalism
- Music Therapy
- Performance
- Radio/TV/Digital Media
- Recording Industry

Curriculum

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

OR

one BA year course

Second-year

Critical Music Studies IIA **AND** IIB

Music Literacies and Skills IIA **AND** IIB

Music Performance Studies IIA **AND** IIB

two BA semester courses

OR

one BA year course

Third-year

Music in History and Society:

- Music and the Theatre
- Music, Sound, and the Moving Image
- 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

Professional Programmes in 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

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:

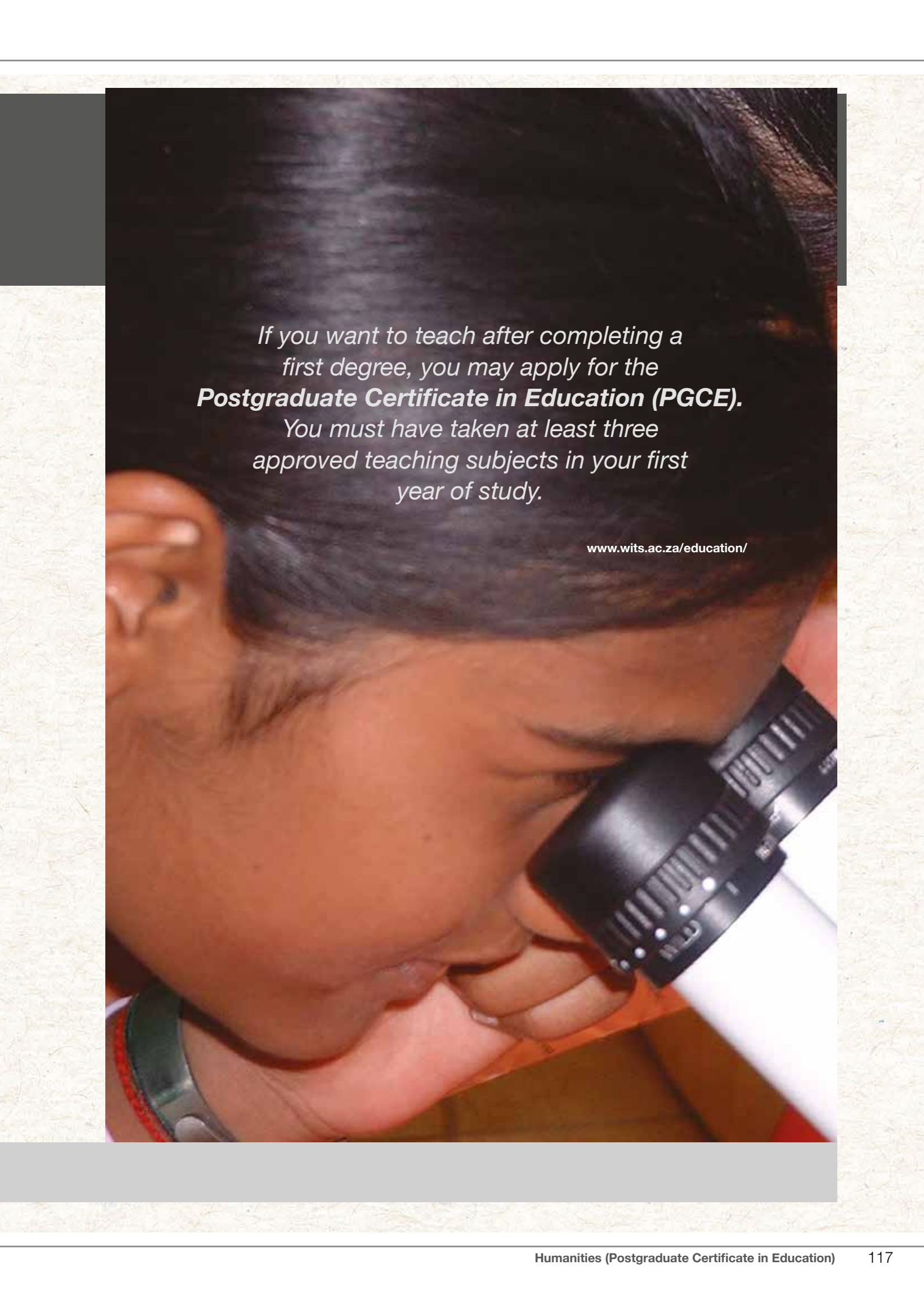
- Foundation Phase Teaching: Grades R-3
- Intermediate Phase Teaching: Grades 4-7
- Senior Phase and Further Education and Training Teaching: Grades 8-12

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 of 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.



*If you want to teach after completing a first degree, you may apply for the **Postgraduate Certificate in Education (PGCE)**. You must have taken at least three approved teaching subjects in your first year of study.*

www.wits.ac.za/education/

Foundation Phase Teaching (Grades R-3)

Bachelor of Education: Foundation Phase Teaching

HFA00

Duration: 4 years

NSC Requirements

APS 36+

English Home Language OR First Additional Language

Level 5

Mathematics Level 4

OR

Maths Literacy Level 5

Wait-listing

Applicants with an entry requirement of at least 31-35 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

Preference is given to students with higher English results.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

International Qualifications Page 31

Closing Date: 30 September

Curriculum

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
<ul style="list-style-type: none"> • ICT Literacy <p>AND, select one elective from the following:</p> <ul style="list-style-type: none"> • 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
<p>AND, select ONE additional language; a language not taken for the NSC; and which is not a home language:</p> <ul style="list-style-type: none"> • 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
<p>AND, select ONE additional language from the following:</p> <ul style="list-style-type: none"> • 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
<p>AND, select two electives from the following:</p> <ul style="list-style-type: none"> • 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

36+

English Home Language OR First Additional Language

Level 5

Wait-listing

Applicants with an entry requirement of at least 31-35 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

Preference is given to students with higher English results.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

International Qualifications Page 31

Closing Date: 30 September

Curriculum

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
<p>For students unable to demonstrate conversational competence in Sesotho, IsiZulu or South African Sign Language select a course from the following:</p> <ul style="list-style-type: none"> • 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
<p>Select a language course from the following:</p> <ul style="list-style-type: none"> • isiZulu • IsiZulu Additional Language • Sesotho • Sesotho Additional Language • South African Sign Language
<p>Select a teaching course from the following:</p> <ul style="list-style-type: none"> • Natural Science • Social Sciences I
<p>Select a course corresponding to courses selected in the First-year:</p> <ul style="list-style-type: none"> • Teaching Natural Sciences (Intermediate Phase) A AND B <p>OR</p> <ul style="list-style-type: none"> • 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
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
<p>Select one elective from the following:</p> <ul style="list-style-type: none"> • 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

**Bachelor of Education:
Senior Phase and Further Education and Training
Teaching (Grades 8-12)**

HFA02

Duration: 4 years

NSC Requirements

APS 36+

English Home Language OR First Additional Language

Level 5

Wait-listing

Applicants with an entry requirement of at least 31-35 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

Preference will be given to students with higher English results.

Due to limited space, meeting the minimum requirements does not guarantee a place. Final selection is made subject to place availability, academic results, and other entry requirements, where applicable.

International Qualifications

Page 31

Closing Date: 30 September

Curriculum

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
- Life Orientation 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
- Life Orientation 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 on their matric must select one of the following:

- IsiZulu (Conversational Competence)
- Sesotho (Conversational Competence)
- South African Sign Language (Conversational Competence)

Third-year
Education III
Teaching Experience IIIA AND IIIB
Select the Level III major you did in the Second-year:
<ul style="list-style-type: none"> • Life Sciences IIIA OR B • Physical Science 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 • Life Orientation III
Select the FET pedagogy courses A and B corresponding to one of the courses above:
<ul style="list-style-type: none"> • Teaching Life Sciences • Teaching Physical Science • Teaching Geography • Teaching History • Teaching English • Teaching isiZulu • Teaching Sesotho • Teaching Mathematics • Teaching Engineering Graphics and Design • Teaching Mechanical Technology • Teaching Information Technology • Teaching Life Orientation
Select the Senior Phase Pedagogy Courses A and B corresponding to your second-year major:
<ul style="list-style-type: none"> • 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 Experience IIIA • Teaching Life Orientation (Senior Phase)

Fourth-year
Education IV
Being a Teacher IV
Teaching Experience IVA AND IVB
Select at least one Level IV course from the list below that you completed at Level III:
<ul style="list-style-type: none"> • Life Sciences IV • Physical Science IV • Geography IV • History IV • English IV • isiZulu IV • Sesotho IV • Mathematics IV • Engineering Graphics and Design IV • Mechanical Technology IV • Information Technology 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:
<ul style="list-style-type: none"> • English I • IsiZulu I • South African Sign Language • Sesotho I
Select a FET course from the list below:
<ul style="list-style-type: none"> • Teaching Life Sciences (FET) • Teaching Physical Science (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 Life Orientation (FET)

Professional Programmes in Human and Community Development



School of Human and Community Development

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.

“

Gain intensive practical and theoretical training that aids social adjustment.

”

www.wits.ac.za/shcd/

Audiology

Bachelor of Audiology

AFA13

Duration:

4 years

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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 4

Wait-listing

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.

The closing date for applications is **30 June**.

Applicants are required to write the NBT on 15 August.

International Qualifications

Page 31

Closing Date: 30 June

Careers

- Community Work and Outreach
- Educational Setting
- Government Healthcare Settings
- Private Practice

Curriculum

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

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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language

Level 5

Mathematics Level 4

Wait-listing

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.

The closing date for applications is **30 June**.

Applicants are required to write the NBT on 15 August.

International Qualifications

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Closing Date: 30 June

Careers

- Community Work and Outreach
- Educational Settings
- Government Healthcare Settings
- Private Practice

Curriculum

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
Fourth-year
Speech-Language Pathology
Research Report
Clinical Practical

Social Work

Bachelor of Social Work

AFA04

Duration: 4 years

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 wellbeing 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 wellbeing 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.

NSC Requirements

APS 34+

English Home Language OR First Additional Language

Level 5

Wait-listing

Applicants with an entry requirement of at least 30-33 APS points are wait-listed, subject to place availability.

Additional Selection Criteria

Potential social work students are required to write a National Benchmark Test (NBT) at an affiliated venue before **31 October**.

Refer to page 22 for more information on the NBT.

International Qualifications

Page 31

Closing Date: 30 September

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

Curriculum

First-year
Psychology I
Sociology I
Social Work I
Second-year
Psychology II
Sociology II
Social Work II
Third-year
Social Work 111
Psychology III
OR
Sociology III
Fourth-year
Field Instruction
Social Work Theory
Research Report

Science

“ Studying science opens doors to exciting careers in fields like medical research, chemistry, computer science, biotechnology, genetic engineering, and environmental sciences. ”

Accreditation

The Wits Actuarial Science Programme, at the Honours level provides exemption from 12 of the examinations required for qualification as a professional actuary of the Actuarial Society of South Africa. This qualification has international recognition with associations such as:

- The Institute and Faculty of Actuaries in the UK
- The Institute of Actuaries of Australia
- The Actuarial Association of Europe

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Select 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 covers hardware and software, in all their applications.
- Applied Mathematics has applications in banking, finance, and industry.
- Statistics and Actuarial Science are important in business and governmental planning, insurance, finance, banking, and investments.

Physical Science

Physical Science 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 Science are taught by the Schools of Chemistry and Physics.

The Bachelor of Science (BSc)

This flexible three-year programme allows you to 'design' your own curriculum based on your interests or chosen majors.

An additional year of study 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 Master of Science and Doctoral degrees. The BSc General is automatically added when applying for any of the Science fields.

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)

Biodiversity

Bachelor of Science in the field of Biological Sciences

SBA11

Major: Biodiversity

Duration: 3 years

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

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)

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

AND

Any other Level I course

Recommended:

Complementary Life Sciences I

Second-year

Aquatic Ecology II

Biotic Diversity II

Evolution II

Fundamentals of Ecology II

Introduction to Animal Behaviour II

AND

Basic Statistics for the Natural Sciences II

AND

Any other Level II courses

Third-year

Each major has a choice of the following courses:

• Animal Behaviour III

• Behavioural Ecology III

• Biogeography III

• Biosystematics and Evolution III

• Diversity, Ecology and Economic Importance of Algae III

• Medical and Applied Entomology III

• Molecular Ecology III

• Palaeontology III

• Physiological Entomology III

• Environment and Sustainability III

AND

one field trip course:

• Applied Freshwater Ecology and Management III

• Experimental Field Biology III

OR

one laboratory course:

• Microscopy III

• Service Learning in Biology III

Course selection is subject to the guidance of the School for second and Third-year majors.



Ecology and Conservation



Bachelor of Science in the field of Biological Sciences

SBA11

Majors: Ecology and Conservation

Duration: 3 years

Study ecology, conservation, and environmental science.

You will gain insight into the quantitative study and use of ecological, physiological, and systematic principles. These are studied in the contexts of ecology, conservation, and environmental science, and their applications in conservation biology and environmental management.

You can continue studies in Law, Economics, Engineering, Veterinary Science, and Development Management.

Offered by the School of Animal, Plant and Environmental Sciences, this career line includes diverse training in ecology and conservation, which

are sought-after skills in dealing with the interdisciplinary challenges faced by society.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

Careers

- Ecotourism
- Environmental Consultancy
- Environmental Economist
- Environmental Education
- Environmental Engineer
- Environmental Lawyer
- Environmental Management
- Environmental NGO
- Forestry
- Nature Conservation
- Planning and Consulting
- Wildlife Documentaries
- Research for South African Environmental Observation Network (SAEON)

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I
AND
Any other Level I course
Recommended:
Complementary Life Sciences I
Second-year
Aquatic Ecology II
Evolution II
Fundamentals of Ecology II
Introduction to Animal Behaviour II
AND
Basic Statistics for the Natural Sciences II
AND
Any other Level II courses
Third-year
Each major has a choice of the following courses:
• Applied Population Ecology III
• Ecological Communities and Biodiversity Conservation III
• Functional Ecology in Changing Environments III
• Molecular Ecology III
• Spatial Ecology and Conservation III
• Environment and Sustainability III
AND
one field trip course:
• Applied Freshwater Ecology and Management III
• Field Methods in Terrestrial Ecology III
• People and Conservation Field course III
OR
one laboratory course:
• Service Learning in Biology III
• Microscopy III
<i>Course selection is subject to the guidance of the School for second and third-year majors.</i>

Organismal Biology



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 or Anatomy offered through the Faculty of Health Sciences and is an excellent first degree for continuing in the medical profession.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

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)

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

AND

Any other Level I course

Second-year

Animal Form and Function II

Introduction to Animal Behaviour II

Evolution II

Reproductive Biology II

Whole Plant Physiology II

AND

Basic Statistics for the Natural Sciences II

AND

Any other Level II courses

Third-year

Each major has a choice of the following courses:

• Animal Behaviour III

• Behavioural Ecology III

• Biogeography III

• Biosystematics and Evolution III

• Medical and Applied Entomology III

• Molecular Ecology III

• Palaeontology III

• Physiological Entomology III

AND

one field trip course:

• Applied Freshwater Ecology and Management III

• Experimental Field Biology III

OR

one laboratory course:

• Microscopy III

• Service Learning in Biology III

Bachelor of Science in the field of Biological Sciences

SBA11

Major: Organismal Biology

Duration: 3 years

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

Applied Bioinformatics



Bachelor of Science in the field of Biological Sciences

SBA11

Major: Applied Bioinformatics

Duration: 3 years

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 wouldn't make sense without contextual knowledge of how life forms work.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Biomechanics
- Biostatics
- Conservation Genomics
- Data Management
- Drug Discovery
- Genomics
- Healthcare Scientist
- Molecular Modelling
- Pharmacogenomics
- Precision Medicine

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

OR

Mathematics I (Major):

• Algebra I

• Calculus I

AND

Any other Level I course

Recommended course:

Physics I (Auxiliary)

Second-year

Molecular and Cell Biology IIA: Scientific Practice

AND

Molecular and Cell Biology IIB: Concepts

AND

Basic Statistics for the Natural Sciences II

AND

Molecular and Cell Biology IIC: Applications (for double-MCB major students)

OR

Any other Level II major depending on other course sets

Third-year

Applied Bioinformatics III

AND

Any other Level III major depending on other course sets

Biochemistry and Cell Biology



Bachelor of Science in the field of Biological Sciences

SBA11

Majors:

Biochemistry and Cell Biology

Duration: 3 years

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Analytical Biochemistry
- Biomedical Scientist
- Clinical Biochemistry
- Forensic Scientist

- Healthcare Scientist
- Industrial Enzymology
- Life Science Research Scientist
- Nanotechnologist
- Personalised Medicines
- Protein Biotechnology

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

AND

Any other Level I course

Second-year

Molecular and Cell Biology IIA: Scientific Practice

AND

Molecular and Cell Biology IIB: Concepts

AND

Basic Statistics for the Natural Sciences II

AND

Molecular and Cell Biology IIC: Applications (for double-MCB major students)

OR

Any other Level II major depending on other course sets

Third-year

Biochemistry and Cell Biology III

AND

Any other Level III major depending on other course sets

Genetics and Developmental Biology



Bachelor of Science in the field of Biological Sciences

SBA11

Majors: Genetics and Developmental Biology

Duration: 3 years

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.

Due to recent discoveries in genetics, the biotech field is about to undergo an explosion similar to that of the IT field in the 1980s, and you can be part of this by joining MCB Genetics. Our courses include: Gene Regulation in Eukaryotes, Molecular Genetics of Prokaryotes, Chromosomes and Gene Maps, and Advanced Animal Developmental Biology.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

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

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

AND

Any other Level I course

Second-year

Molecular and Cell Biology IIA: Scientific Practice

AND

Molecular and Cell Biology IIB: Concepts

AND

Basic Statistics for the Natural Sciences II

AND

Molecular and Cell Biology IIC: Applications (for double-MCB major students)

OR

Any other Level II major depending on other course sets

Third-year

Genetics and Developmental Biology III

AND

Any other Level III major depending on other course sets

Microbiology and Biotechnology



Bachelor of Science in the field of Biological Sciences

SBA11

Majors:

Microbiology and Biotechnology

Duration: 3 years

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

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

Curriculum

First-year

Introductory Life Sciences I

AND

Chemistry I

AND

Auxiliary Mathematics I

AND

Any other Level I course

Second-year

Molecular and Cell Biology IIA: Scientific Practice

AND

Molecular and Cell Biology IIB: Concepts

AND

Basic Statistics for the Natural Sciences II

AND

Molecular and Cell Biology IIC: Applications (for double-MCB major students)

OR

Any other Level II major depending on other course sets

Third-year

Microbiology and Biotechnology III

AND

Any other Level III major depending on other course sets

Geographical and Archaeological Sciences

Bachelor of Science in the field of Geographical and Archaeological Sciences

SBA10

Majors: Geography and Archaeology

Duration: 3 years

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 frameworks 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 - foundation courses in GIS and Remote Sensing are carried out in our GIS labs during the second and third-years of study.

Human Society - looking at economic development, climate and society, cultural geography, food security and urban dynamics. In addition to course work, research forms an important basis for learning in Geography. Students will 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.

NSC Requirements

APS 40+

English Home Language OR

First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

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

Curriculum

First-year

Geography I

AND

Archaeology I

AND

Auxiliary Mathematics I

OR
Mathematics I (Major)
• Algebra I
• Calculus I
AND
Any other Level I course
Recommended courses:
Chemistry I
Geology I
Second-year
Geography II
Earth and Atmospheric Processes II
OR
• An introduction to Climate Change and Society II
• Environmental Governance: From Local to Global II
OR
• Conservation Biogeography II
• Methods, Models and Geographical Information Systems II
• Thinking Geographically: Concepts and Practices in Human Geography II
AND
Archaeology II
AND
Any other Level II major depending on other course sets
Third-year
Geography III
Four courses from:
• Food: Security, Politics and Culture III
• Climate and Environmental Change III
• Economic Geography III
• Environmental Monitoring and Modelling III
• Geographic Information Systems and Remote Sensing III
• Theory and Practice in Sustainability Science and Sustainable Development III
• Urban Futures: The Political-Economy of Population and Scarcity III
• Coastal Geomorphology III
• Advanced Atmospheric Sciences III
AND/OR
Archaeology III
AND/OR
Any other Level III major depending on other course sets
NB: All eight Geography III courses may be taken for a double major in Geography

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

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Applications Specialist
- Cartographer
- Computer Scientist
- Database Administrator
- Geographer
- Gis Analyst
- Image Analyst
- Photogrammetrist
- Physical Scientist
- Project Manager

- Remote Sensing Scientist
- Surveyor

Curriculum

First-year

Geography I

AND

Auxiliary Mathematics I

AND

Chemistry I

AND

Introductory Life Sciences I

OR

Any other two level II courses depending on other majors

Second-year

Geospatial Sciences II:

- Engineering Surveying
- Auxiliary Computer Science and Programming IA
- Auxiliary Computer Science and Programming IB
- Auxiliary Database Systems II

AND

Basic Statistics for Natural Sciences II

AND

Geography II:

- Geographic Information Systems
- Science and Mapping Systems II

Thinking Geographically:

- Concepts and Practices in Human Geography I

AND

Any two courses yielding 12 credits each as listed below:

- Earth and Atmospheric Processes II
- An Introduction to Climate Change and Society II
- Environmental Governance: From Local to Global II
- Conservation Biogeography II

AND

Any one level II major depending on course sets

Third-year

Geospatial Sciences III

AND

Geographic Information Systems and Remote Sensing III

AND

Three courses from the list below:

- Economic Geography III
- Climate and Environmental Change III
- Advanced Atmospheric Sciences III
- Theory and Practice in Sustainability Science and Sustainable Development III
- Environmental Monitoring and Modelling III
- Urban Futures: The Political Economy of Population and Scarcity III
- Food: Security, Politics and Culture III
- Coastal Geomorphology III

This curriculum has a strong science focus but will provide you with a foundation for a professional career in Geospatial Science, based on a background in theory, practice and research developed through this curriculum. You will undertake a capstone experience in the final year through a Geospatial Science Major Project. At the end of the programme you will be equipped with all the knowledge and skills required for registration with the South African Geomatics Council as a GIS practitioner. Whilst there is no accreditation for this new programme at the moment, graduates are eligible for admission to the SAGC at technologist level. Entry to this curriculum requires achievement of a minimum of 108 points at year 1 level within the Faculty of Science with pre-requisites of Auxiliary Maths I or equivalent with a 65% minimum and Geography I.

Geological Sciences



Bachelor of Science in the field of Geological Sciences

SBA09

Majors:

Geology and Applied Geology

Duration 3 years

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 world, be prepared to travel, and enjoy working outdoors or in a mining environment. South Africa's large mining sector provides bursary opportunities.

If you have good Mathematics and Physical Science marks, and take Geology II and III, you can specialise in Mining Geology through second- and third-year co-majors. The School also offers a co-major in Applied Geology.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Physical Science Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Academic Researcher
- Environmental Consultant
- Geochemist
- Geologist
- Geophysics Consultant
- Gis-Remote Sensing Specialist
- Government Survey Geologist
- Heritage/Tourism Consultant
- Hydrogeologist
- Mining
- Mining Analyst
- Minerals and Oil Exploration Geologist
- Mineralogist
- Palaeontologist
- Teacher

Curriculum

First-year

Geology I

AND

Chemistry I

AND

Mathematics I (Major):

• Algebra I

• Calculus I

OR
Auxiliary Mathematics I (at the discretion of the Head of School)
AND
Any other Level I course
Recommended courses:
• Geography I
• Physics I (Major)
• Introductory Life Sciences I
Second-year
Geology II
• Igneous Petrology and Processes II
• Mineralogy and Optical Mineralogy II
• Metamorphic Petrology and Processes II
• Sedimentology, Stratigraphy and Palaeontology II
AND
Applied Geology II
• Introduction to Geochemical Techniques II
• Geological Mapping Techniques II
AND
Basic Statistics for Natural Scientists II
AND
Any other Level II major depending on other course setts
Third-year
Geology III
• Advanced Petrology III
• Economic Geology and Ore Petrology III
• Structural Geology III
• Tectonics of the Earth III
AND
Applied Geology III
• Advanced Geological Mapping Techniques III
• Exploration Methods III
• Geographical Information Systems and Remote Sensing III
• Hydrogeology and Water Resource Management III

Actuarial Science

Bachelor of Science in the field of Actuarial Science

SBA03

Majors: Actuarial Science and Mathematical Statistics

Duration: 3 years

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 480 graduates have qualified as 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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 7

Mathematics Level 7

Physical Science Level 7

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications Page 33

Closing Date: 30 September

Careers

- Asset Management
- Banking
- Consulting
- Enterprise Risk Management
- General Insurance
- General Management
- Health Care
- Life Insurance
- Research and Planning
- Retirement Funding

Curriculum

First-year
Actuarial Science I
AND
Mathematical Statistics I
AND
Mathematics I (Major):
• Algebra I
• Calculus I
AND
Economic Theory IA Microeconomics
Economic Theory IB Macroeconomics
AND
Business Accounting I
Second-year
Actuarial Science II
AND
Mathematical Statistics II
AND
Mathematics II:
• Abstract Mathematics II
• Differential Equations II
• Basic Analysis II
• Linear Algebra II
• Multivariable Calculus II
• Transition to Abstract Mathematics II
Third-year
Actuarial Science III:
• Computers and Communications for Actuaries III
• Life Contingencies III
• Actuarial Economics III
• Actuarial Reserving Techniques III
AND
Mathematical Statistics III:
• Multivariate Data Analytics III
• Risk Theory III
• Statistical Elements of Machine Learning III
• Stochastic Processes III
• Survival Analysis III
• Time Series III

Computational and Applied Mathematics



Bachelor of Science in the field of Computational and Applied Mathematics

SBA13

Major: Computational and Applied Mathematics

Duration: 3 years

Study the application of mathematics and computational techniques to problems in commerce and industry, engineering, finance and economics, society, the medical sciences, the environment and pure sciences.

Applied Mathematics is important in many disciplines. The School also teaches engineers, architects, building scientists, town planners, commerce students, and medical and health science students.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

Careers

Requires postgraduate studies that lead to mathematical modelling which is applicable in medicine, economics and in the social sciences, advanced mathematics of finance and can also lead to careers in astronomy and trading.

Curriculum

First-year

Computational and Applied Mathematics I

AND

Mathematics I (Major):

- Algebra I

- Calculus I

AND

Any two other Level I courses

Recommended courses:

Computer Science I:

- Discrete Computational Structures I

- Introduction to Algorithms and Programming I

- Introduction to Data Structures and Algorithms I

- Basic Computer Organisation I

Physics I (Major)

Second-year

Computational and Applied Mathematics II

AND

Mathematics II :

- Abstract Mathematics II

- Basic Analysis II

- Introduction to Mathematical Statistics II

- Linear Algebra II

- Multivariable Calculus II

- Transition to Abstract Mathematics II

AND

Any other Level II major depending on other course sets

Third-year

Computational and Applied Mathematics III

AND

Any other Level III major depending on other course sets

Computer Science

Bachelor of Science in the field of Computer Science

SBA13

Majors:

Computer Science and Computational Applications

Duration: 3 years

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 programs, 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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Advertising
- Game Design
- Software Development
- Software And System Architects
- Teaching
- Research
- Robotics

Curriculum

First-year

Computer Science I:

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

AND

Mathematics I (Major):

- Algebra I
- Calculus I

AND

Computational and Applied Mathematics I

AND

Any other Level I course

Second-year

Computer Science II:

- Analysis of Algorithms II
- Computer Networks II
- Database Fundamentals II
- Mobile Computing II

AND

Mathematics II:

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

AND

Computational and Applied Mathematics II

Third-year

Computer Science III:

- Analysis of Advanced Algorithms III
- Formal Languages and Automata III
- Software Design III

OR

- Software Engineering III
- Operating Systems and System Programming III

AND

Computational Applications III:

- Computer Graphics and Visualisation III
- Machine Learning III
- Parallel Computing III
- Software Design Project III

Mathematics

Bachelor of Science in the field of Mathematics

SBA08

Major: Mathematics

Duration: 3 years

Study the quantitative and logic structure that underpins many important fields of study.

Mathematics is the quantitative and logic structure that forms the basis of all analytical science, modern economics, and finance.

You will take major stream Mathematics courses if you require Mathematics as a tool in other disciplines, or you intend to specialise in Mathematical Sciences or associated subjects, such as Mathematical Physics and Theoretical Physics.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Wait-listing

Applicants with 38-39 points may

be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

Careers

Most of our graduates work in the financial sector, in mathematical finance and in the building of mathematical/statistical models of market and consumer behaviour.

Curriculum

First-year
Mathematics I (Major):
• Algebra I
• Calculus I
AND
Any three other Level I courses
Recommended courses:
Computer Science I:
• Basic Computer Organisation I
• Discrete Computational Structures I
• Introduction to Algorithms and Programming I
• Introduction to Data Structures and Algorithms I
Computational and Applied Mathematics I
Economics IA Microeconomics

Economics IB Macroeconomics
Physics I (Major)
Second-year
Mathematics II :
• Abstract Mathematics II
• Basic Analysis II
• Linear Algebra II
• Multivariable Calculus II
• Differential Equations II
OR
• Introduction to Mathematical Statistics III
• Transition to Abstract Mathematics II
AND
Any two other Level II majors depending on other course sets
Third-year
Mathematics III:
• Number Theory III
OR
• Topology III
• Group Theory III
• Intermediate Analysis III
• Coding and Cryptography III
OR
• Real Analysis III
• Leontief Systems III
OR
• Differential Geometry III
• Complex Analysis III



Mathematics of Finance

Bachelor of Science in the field of Mathematics of Finance

SBA16

Majors: Investment and Corporate Finance OR Economics, Computational and Applied Mathematics OR Computer Science OR Mathematics

Duration: 3 years

Study financial environments.

This programme consists of one major in a computational or mathematical field, like Applied Mathematics, Mathematics or Computer Science, and one major in a financial or economic field, like Economics or Corporate Finance and Investments.

You can take postgraduate studies in any related field, which broadens your career options. As a graduate of this programme, you will be financially, mathematically, and computationally literate. You will typically work as a quantitative analyst, risk or portfolio manager, financial engineer, or back-end programmer in environments requiring computational skills and an understanding of financial environments. These include banks, investment houses, and other corporate entities.

NSC Requirements

APS 42+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Wait-listing

Applicants with 40-41 points may be wait-listed subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

Depending on courses taken:

- Economist
- Financial Mathematician
- Financial Systems Developer
- Investment Strategist
- Quantitative Analyst
- Quantitative Trader
- Risk and Investment Consultant

Curriculum

First-year

Economic Theory IA
Microeconomics

Economic Theory IB
Macroeconomics

AND

Computer Science I:

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

AND

Computational and Applied Mathematics I

AND

Mathematics I (Major):
• Algebra I • Calculus I

Second-year

Mathematics II :

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

• Introduction to Mathematical Statistics II

AND

Economics IIA and IIB

OR

Investments II

Corporate Finance II

AND

Computer Science II:

- Analysis of Algorithms II
- Computer Networks II
- Database Fundamentals II
- Mobile Computing II

OR

Computational and Applied Mathematics II

Third-year

Economics III

Investment and Corporate Finance III

AND

Computational and Applied Mathematics III

OR

Computer Science III:

- Analysis of Advanced Algorithms III
- Formal Languages and Automata III
- Machine Learning III
- Software Design III

OR

Software Engineering III

OR

Mathematics III:

- Number Theory III

OR

- Topology III

- Group Theory III

- Intermediate Analysis III

- Coding and Cryptography III

OR • Real Analysis III

- Leontief Systems III

OR • Differential Geometry III

- Complex Analysis II

Mathematical Sciences

Bachelor of Science in the field of Mathematical Sciences

SBA08

Majors: Mathematics and Statistics

Duration: 3 years

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, operations research, and many other areas.

Theoretical and practical skills are necessary in Mathematical Sciences when pushing the boundaries of technological development.

NSC Requirements

APS 40+

**English Home Language OR
First Additional Language**

Level 7

Mathematics Level 7

Physical Science Level 6

Wait-listing

Applicants with 38-39 points may be wait-listed subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Advanced Mathematics of Finance
- Banking
- Statistician

Curriculum

First-year

Mathematics I (Major):

- Algebra I
- Calculus I

AND

Computational and Applied Mathematics I

AND

Mathematical Statistics I

AND

Additional courses yielding a minimum of 54 Level I credits

Second-year

Mathematics II:

- Basic Analysis II
- Abstract Mathematics II
- Differential Equations II
- Multivariable Calculus II
- Linear Algebra II
- Transition to Abstract Mathematics II

AND

Computational and Applied Mathematics II

AND

Mathematical Statistics II

Third-year

Mathematical Statistics III:

- Multivariate Data Analytics III
- Risk Theory III
- Statistical Elements of Machine Learning III
- Stochastic Processes III
- Survival Analysis
- Time Series III

AND

Computational and Applied Mathematics III

OR

Mathematics III:

- Number Theory III

OR

Topology III:

- Group Theory III
- Intermediate Analysis
- Real Analysis III

OR

- Coding and Cryptography III
- Leontief Systems III

OR

- Differential Geometry III
- Complex Analysis III

Chemistry

Bachelor of Science in the field of Physical Science (Chemistry)

SBA12

Majors: Chemistry and Applied Chemistry

Duration: 3 years

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Physical Science Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

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

Curriculum

First-year
Chemistry I
AND
Mathematics I (Major):
• Algebra I
• Calculus I
OR
Auxiliary Mathematics I
AND
Any two other Level I courses
Recommended courses:
Introductory Life Science I
Physics I
OR
Physics I (Auxiliary)
Second-year
Chemistry IIA
Chemistry IIB
AND/OR
Applied Chemistry II
AND
Any other Level II course depending on other course sets
Third-year
Chemistry IIIA
Chemistry IIIB
AND/OR
Applied Chemistry IIIA
Applied Chemistry IIIB
OR
Any other Level III course depending on other course sets

Chemistry with Chemical Engineering

Bachelor of Science in the field of Chemistry with Chemical Engineering

SBA04

Majors: Applied Chemistry and Chemistry

Duration 3 years

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.

NSC Requirements

APS 43+

English Home Language OR First Additional Language
Level 5

Mathematics Level 6

Physical Science Level 6

Wait-listing

Applicants with 40-42 points may be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

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

Curriculum

First-year

Chemistry I

AND

Mathematics I (Major):

• Algebra I

• Calculus I

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 I

• Introduction to Political Studies

• Southern Africa in the Era of Globalisation I

• Identity and Society I

Second-year

Computing for Process Engineering II

AND

Electrical Engineering

AND

Mathematics II (Engineering)

AND

Chemistry IIA and IIB

AND

Process Engineering Fundamentals IIA

AND

Economic Concepts IA

Third-year

Applied Chemistry IIIA and IIIB

AND

Chemistry IIIA and IIIB

AND

Process Engineering Fundamentals IIB

Materials Science



Bachelor of Science in the field of Materials Science

SBA19

Major: Materials Science and Chemistry or Physics

Duration: 3 years

Study the properties and applications of materials of construction or manufacture (such as ceramics, metals, polymers, and composites).

Materials Science is a multidisciplinary field that involves the study of the properties of substances particularly solids and their applications. It involves the design and processing of materials and studying properties such as physical, mechanical, thermal, electronic and magnetic for the goal of attaining superior performance for various applications. In South Africa, companies such as Sasol, CSIR, Mintek, Element 6, PetroSA, NEC-SA, Impala, HySA Platinum, Lonmin, AngloGold, Pilot tools, Metallurgical Technologies and Bateman all need Materials Science students with a comprehensive background.

NSC Requirements

APS 43+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Physical Science Level 5

Wait-listing

Applicants with 40–42 points may be wait-listed, subject to place availability.

International Qualifications

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Closing Date: 30 September

Careers

- CAD technician
- Design engineer
- Materials engineer
- Metallurgist
- Product/process development scientist
- Research scientist (Physical Science)
- Technical sales engineer

Curriculum

First-year

Chemistry I

AND

Mathematics I (Major):

• Algebra I

• Calculus I

AND

Physics I

AND

Any other Level I course

Second-year

Materials Science II

Multivariable Calculus II

Differential Equations II

Linear Algebra II

AND

Any group of courses yielding a minimum of 72 credits:

Physics IIA

Physics IIB

Chemistry IIA

OR

Chemistry IIA

Chemistry IIB

Physics IIA

Third-year

Materials Science III

AND

Chemistry:

• Chemistry IIIA

• Chemistry IIIB

OR

Physics III:

• Quantum Mechanics III

• Quantum Mechanics and its Applications III

• Statistical Physics III

• Waves and Modern Optics III

• Advanced Experimental Physics III

Astronomy and Astrophysics



Bachelor of Sciences in the field of Astronomy and Astrophysics

SBA15

Majors: Physics and Astrophysics

Duration 3 years

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.

NSC Requirements

APS 43+

English Home Language OR First Additional Language

Level 5

Mathematics Level 6

Physical Science Level 6

Wait-listing

Applicants with 40–42 points may be wait-listed, subject to place availability.

International Qualifications

Page 33

Closing Date: 30 September

Careers

- Astrophysicist
- Physicist

Curriculum

First-year

Physics I (Major)

AND

Mathematics I (Major):

- Algebra I
- Calculus I

AND

Computational and Applied Mathematics I

AND

Astrophysics:

- Introduction to Astronomy I
- Modern Astrophysics I

Second-year

Physics II:

- Physics IIA (Major)
- Physics IIB (Major)

AND

Mathematics II:

- Multivariable Calculus II
- Introduction to Mathematical Statistics II
- Linear Algebra II

AND

Computational and Applied Mathematics II

AND

Cosmology: The Origin and Evolution of the Universe

Third-year

Physics III:

- Quantum Mechanics III
- Applications of Quantum Mechanics III
- Statistical Physics III
- Waves and Modern Optics III
- Advanced Experimental Physics and Project III

Astrophysics III:

- Relativity: The Basis of Cosmology and Astrophysics III
- Advanced Astrophysics III
- Modern Radio and Gamma-ray Astronomy III

Physics

Bachelor of Science in the field of Physical Science (Physics)

SBA12

Major: Physics

Duration: 3 years

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.

NSC Requirements

APS 40+

English Home Language OR First Additional Language

Level 5

Mathematics

Level 6

Physical Science

Level 5

Wait-listing

Applicants with 38-39 points may be wait-listed, subject to place availability.

International Qualifications Page 33

Closing Date: 30 September

Careers

- Communications
- Consultants and Administrators
- Education
- Environmental Science
- Law
- Physics Research
- Project Managers
- Software Engineers

Curriculum

First-year

Physics I (Major)

AND

Mathematics I (Major):

- Algebra I
- Calculus I

AND

Chemistry I

AND

Any other Level I course

Second-year

Physics II:

- Physics IIA and IIB

AND

Mathematics II:

- Abstract Mathematics II
- Differential Equations II
- Basic Analysis II
- Linear Algebra II
- Multivariable Calculus II
- Transition to Abstract Mathematics II

AND

Any other Level II course depending on other course sets

Third-year

Physics III:

- Advanced Experimental Physics and Project III
- Statistical Physics III
- Quantum Mechanics III
- Waves and Modern Optics III
- Applications of Quantum Mechanics III

OR

Introduction to Geophysics

AND

Any other Level III course depending on other course sets



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 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 – BCom Law

PAAB – Public Accountants and Auditors Board

SAIPA – South African Institute for Professional Accountants

UI – User interface

UX – User experience

Engineering and the Built Environment

BAS – Bachelor of Architecture 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

GEMP – Graduate Entry Medical Programme

HPCSA – Health Professions Council of South Africa

MBBCh – Medicine and Bachelor of Surgery

NGO – Non-governmental organisation

STEPPS – Screening and Testing Programme for Pharmacy Students

WAPT – Wits Additional Placement Test

Humanities

BEd – Bachelor of Education

NBT – National Benchmark Test

PGCE – Postgraduate Certificate in Education

SACE – South African Council of Educators

Science

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

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WHAT YOU CAN STUDY

BACHELOR OF ARTS

Bachelor of Arts (BA)

A Bachelor of Arts teaches you how to think critically about problems, exposes you to new ideas, and stimulates creative thinking.

You can major in two of the following subjects:

- International Relations • Political Studies
- Psychology (Clinical and Industrial courses)
- Sociology • English
- The BA for the World of Work allows you to combine a major from the Bachelor of Commerce disciplines like HR, Management, or Marketing with a Social Sciences BA major.

ENGINEERING

Engineering (BSc)

This degree covers the following engineering disciplines:

- Aeronautical • Chemical • Civil • Electrical • Industrial
- Mechanical • Metallurgy • Mining

Note: The first two years of the degree are offered part-time at Wits Plus over four years. After completion of the first two years, students will complete the remainder of the degree, full-time. The total duration is six years. From 2019, students across all Engineering disciplines do a common first-year.

COMMERCE AND LAW

Bachelor of Commerce (BCom)

The Wits Bachelor of Commerce is internationally recognised, and Wits graduates are highly sought-after by corporates.

A BCom helps you to build business knowledge and critical thinking skills.

Choose from the following subjects:

- Accounting • Auditing • Economics
- Corporate Finance and Investment
- Management Accounting • Management
- Human Resource Management
- Insurance and Risk Management • Marketing • Taxation

BA with Law

This degree offers all the benefits of a BA and includes advanced study of law.

BCom with Law

A BCom with Law is ideal for students who are interested in both business and law.

SCIENCE

Computer Science (BSc)

The Wits BSc in Computer Science teaches the fundamental mathematical and scientific principles behind computer science. Students will be taught how to design and implement programmes and how to analyse them to determine their correctness and efficiency.

Conditions

- Part-time students do not qualify for NSFAS support or residence accommodation.
 - Students are liable for their fees, books, and accommodation.
- Foreign applicants need a work permit to study through Wits Plus.

Useful Contacts



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Private Box 3 WITS 2050

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T +27 (0)11 717 1000

Student Enrolment Centre (SEnC) for Undergraduate Admissions

T +27 (0)11 717 1888

www.wits.ac.za/askwits/

Student Life

enquiries.studentaffairs@wits.ac.za

Residence Life

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

info.finaid@wits.ac.za

International Students

T +27(0)11 717 1054/5

studysa.international@wits.ac.za

Part-time Degrees

(undergraduate students only)

T +27 (0)11 717/9500/9501/ 9505

wits.plus.marketing@wits.ac.za

Faculties

(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

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**WE LOOK FORWARD TO WELCOMING
YOU TO WITS IN 2021**

