

FUTURE-FIT GRADUATES

CREATING AN IMPACT THROUGH



#2 IN SA

UP is ranked second in South Africa and 190th in the world for producing graduates who understand the world of work and can make a valuable contribution right from the start.⁶

100%

Pass rate for veterinary nurses completing the only BVetNurs degree in Africa

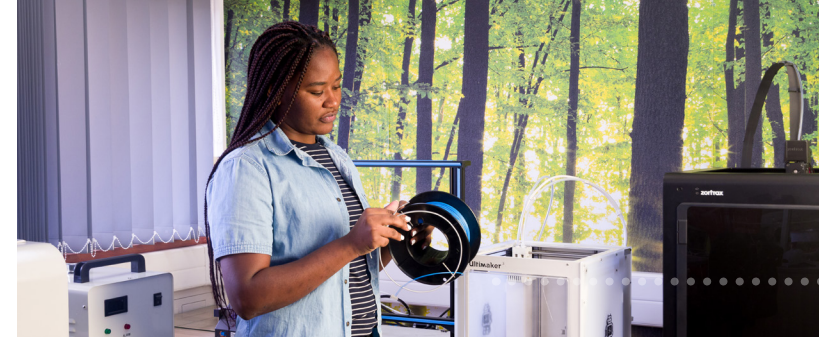


90%

of the 2021 graduates were either working or studying full-time or part-time in 2022

86%

Examination pass rate in 2022



Offering strong learning support

- FLY@UP – ensures students can graduate in minimum time
- FLYHIGHER@UP – improves postgraduate success rate
- Social learning spaces – mimic real-world work and social environments
- Connected campuses – fibre optic connectivity across all campuses
- Dedicated ECP campus – the Mamelodi Campus hosts UP's flagship BSc and BCom extended curriculum programmes (ECPs) to set students up for success in the first year of their studies.
- jTOnline e-learning platform – helps high-school learners with free learning content.



In service to society

Socially responsible:
UP is the only representative from Africa in the University Social Responsibility Network, an international group of 16 top universities.

Actively engaged:
300 modules and 15 000 students are involved in 3 000 projects with 1 000 community partners.



Shaping students ready to work

- Ready for Work online courses help students prepare for the workplace.
- An Entrepreneurship programme teaches students how to become job creators rather than job seekers.
- Centre for the Future of Work researches new ways of working to create future-fit graduates.

CARING WITH IMPACT

WE'RE BUILDING THE FUTURE BY



Boosting brainpower

UP contributes to the following degrees in SA:



100%
of all Veterinary Science degrees



15%
of all master's degrees



11%
of all postgraduate degrees



10%
of all doctoral degrees



9%
of all engineering degrees



8.4%

of all Science, Engineering, and Technology degrees, the highest of all contact universities in SA⁷



UP

AT A GLANCE 2023



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Make today matter

www.up.ac.za

1908 – 2023

MAKING TODAY MATTER

The University of Pretoria has Africa at its heart and aspires to become an African Global University, exerting influence through three major pathways: teaching, research, and service to society.

Academic offering

9 Faculties

Economic and Management Sciences
• Education • Engineering, Built Environment and Information Technology
• Health Sciences • Law • Humanities
• Natural and Agricultural Sciences • Theology and Religion • Veterinary Science

82 Research Institutes and Centres

51 Research Chairs

Five of our research chairs focus on 4IR technologies and data integration to proactively solve current and future problems

#3 Ranked among the Top 3 universities in Africa¹
IN AFRICA

A top-tier traditional university

- With the most academic staff to have a PhD (70.9%)
- With the highest research outputs by academic staff (2.24)
- With the most NRF-rated researchers (613)
- With the largest number of students enrolled (54 466)

Unless indicated to the contrary, all statistics are provided by the University of Pretoria's Department of Institutional Planning and are valid as at August 2023.

Some of our research hubs solve the world's greatest challenges:

Forestry and Agricultural Biotechnology Institute • UP Institute for Malaria Control • Future Africa • Engineering 4.0 • Innovation Africa@UP • Javett-UP Art Centre • The Centre for the Future of Work

4 Centres of Excellence

African Centre of Excellence for Information Ethics • ARUA CoE in Sustainable Food Systems • CoE in Food Security • DST/NRF CoE in Tree Health Biotechnology

1 Business School

• Gordon Institute of Business Science

A DEEP GLOBAL FOOTPRINT



TOP 1% IN THE WORLD

UP ranks in the top 1% internationally in 14 fields.²

- Agricultural Sciences
- Biology and Biochemistry
- Chemistry
- Clinical Medicine
- Economics & Business
- Engineering
- Environment / Ecology
- Geosciences
- Immunology
- Microbiology
- Molecular Biology & Genetics
- Social Sciences
- Pharmacology & Toxicology
- Plant & Animal Science

UP is the only university in South Africa to feature in Economics and Business.³

#1 for Business

GIBS is ranked top in South Africa in the UK *Financial Times* rankings for their Executive MBA programme. The only African business school in the paper's annual Executive MBA Ranking, GIBS moved to position 74 in 2022.

Ranked among the Top 100 in the world

FOR IMPACT

- #30** SDG 15: Life on Land
- #44** SDG 8: Decent Work and Economic Growth
- #86** SDG 17: Partnership for the Goals
- #88** SDG 9: Industry, Innovation and Infrastructure⁴

FOR SUBJECTS

- #30** Mineral and Mining Engineering
- #60** Law
- #51-60** Veterinary Science²

References

1. 2022 Times Higher Education Impact Rankings 2. Web of Science Essential Science Indicators 3. 2022 QS World University Rankings by Subject and Times Higher Education (THE) Subject Rankings for 2022 4. THE Impact Rankings for 2022 5. Higher Education Management Information System (HEMIS), 2021 6. 2023 QS World University Rankings 7. HEMIS, 2021

IMPACTFUL RESEARCH LEAVING OUR MARK THROUGH



New research centres

- Biodiscovery Centre – a library of natural products in Africa
- African Centre for Biosecurity and Disease Risk Assessment – “One Health-One Biosecurity” solutions to address global disease- and animal health-related challenges
- Pan African Cancer Research Institute (PACRI) – to transform the fight against cancer in Africa
- African Centre for the Study of the United States at the University of Pretoria (ACSUS-UP)
- Centre for Asian Studies in Africa (CASA).

Groundbreaking research at a global level

Collaborative international research in 2022 included:

- a leading-edge multidisciplinary study on the effects of grazing in deserts
- a study to investigate termite and microbial wood discovery and decay
- the discovery of the world's largest fish breeding colony in the Weddell Sea off the coast of Antarctica
- part of a high-level team to detect and characterise the genome of strains of the old-world Middelburg virus.

Research focus areas

- Agriculture and sustainable food systems
- Heritage studies
- Water
- Climate change and the environment
- One Health
- Energy
- Inequalities, Social Justice and Human Rights
- Economic development and sustainable futures
- Smart infrastructure and innovation

UP is the only South African university ranked in the 2023 World University Rankings for Innovation.

Patently innovative

- 15** New invention disclosures in 2022
- 12** International patents filed
- 7** SA patents filed and granted

15 A-rated researchers, recognised as leading international scholars in their field

We collaborate with over **3 000** institutions across the globe and have some **230** international institution-wide partnerships across **70** countries and **6** continents.

Connected and collaborative

44%

Percentage of research that UP conducts with international collaborators

Highest number of qualified staff

70.9%

UP staff with PhD qualification
Average at other public universities: 48%⁵

613

Number of NRF-rated researchers

... supported by AI

UP's family of robots consist of SmWoef, a robotic dog that works in the Engineering 4.0 research facility to collect routine data among agricultural crops for improved farming techniques. Libby is our robotic library assistant that works at the Merensky II Library, and Stevie is the gender-neutral robot based at Steve Biko Academic Hospital.

