Unless indicated to the contrary, all statistics are provided by the University of Pretoria’s Department of Institutional Planning and are valid as at November 2017.
OUR VISION IS TO BE

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

OUR GOALS ARE TO

1. enhance access and successful student learning
2. strengthen the University’s research and international profile
3. foster and sustain a transformed, inclusive, and equitable University community
4. optimise resources and enhance institutional sustainability
5. strengthen the University’s social responsiveness and impact in society.
OVERVIEW

WE SEE OURSELVES AS A KEY CONTRIBUTOR TO OUR NATION’S ECONOMIC GROWTH AND SOCIAL DEVELOPMENT, EXERTING INFLUENCE THROUGH THREE MAJOR PATHWAYS: TEACHING, RESEARCH AND ENGAGEMENT WITH AND SERVICE TO SOCIETY.
OUR ROOTS GO DEEP

The University of Pretoria (UP) came into existence in 1908 as the Pretoria branch of the Transvaal University College. The College became a fully-fledged university in 1930 and the colloquial name Tuks, or Tukkies, was derived from the acronym TUC for Transvaal University College.

In 1949, UP became the first South African university to establish a business school, the Institute for Management and Administration (a precursor to GIBS). In 1972, an independent Department of Business Science was established and a fulltime MBA programme approved. This was the first of its kind outside of the USA.

In 2000 the University of Pretoria established the Gordon Institute of Business Science (GIBS), which is globally recognised for the quality of its management education. At its core the school recognises the need for strong partnerships with leading South African and African corporates and fosters these relationships throughout its academic programmes.
WE ARE RELEVANT

In an age of overwhelming choices, the University of Pretoria continues to attract discerning students and staff in great numbers. Course quality, university reputation, and location are just some of the aspects that direct their choice.

As one of South Africa’s oldest and most prestigious higher education institutions, the University of Pretoria produces sought-after graduates who are well-rounded citizens shaped by our holistic approach to education, which is enabled by a wide range of campus activities and student societies including sports, arts and culture. We strive to teach our students to “make today matter” by drawing on the experience of yesterday and using the knowledge of today to improve the outcomes of tomorrow. Our staff and students are sensitised that every action in the present shapes the future.

1908–2018

DRAW
on the experience of yesterday

USE
the knowledge of today

IMPROVE
the outcomes of tomorrow
WE MAKE AN IMPACT

The University of Pretoria’s most important assets are not just its state-of-the-art laboratories, its high-tech computer systems or its local and international credibility and influence. It is our creative capital – an arsenal of thinkers and innovators whose ideas can be used to advance cutting-edge research, make a social impact or be turned into valuable products or services.

We boast a high number of rated researchers (507) according to the National Research Foundation (NRF). The NRF is the guardian of a rating system that rigorously and fairly defines world-class researchers. Our 15 A-rated researchers are recognised as leading international scholars in their field for the high quality and impact of recent research outputs. Our Y-rated scientists number 86, indicating a high ratio of promising young researchers, which bodes well for our pipeline of talent. The NRF defines Y-rated researchers as scientists under the age of 35 who show the potential to become the country’s future innovators.

The University files around 10 South African provisional patent applications and 15 international applications a year. Three of the socially-responsive inventions that
were commercialised in 2017 include hearScreen™, a smartphone application to test hearing loss, Aita Health, which takes health care into people's homes, and the Rhinoceros Index System (RhODIS), a DNA database of SA rhinos to curb poaching.

Our reputation gains traction through our over 267 000 alumni, many of whom are luminaries in the business, social, political, sporting and cultural arenas, making a positive difference world-wide.
UP AT A GLANCE

9 FACULTIES AND A BUSINESS SCHOOL

1. Economic and Management Sciences
2. Education
3. Engineering, Built Environment and Information Technology
4. Health Sciences
5. Humanities
6. Law
7. Natural and Agricultural Sciences
8. Theology
9. Veterinary Science (the only faculty of its kind in South Africa)
+1. Gordon Institute of Business Science

53 224 Total number of students
4 008 Number of international students enrolled
The university is spread over seven campuses on 110 properties in 884 buildings.

### ACADEMIC OFFERING

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>120 academic</td>
</tr>
<tr>
<td></td>
<td>departments</td>
</tr>
<tr>
<td></td>
<td>93 centres, institutes and bureaux</td>
</tr>
<tr>
<td></td>
<td>237 degrees, certificates and diplomas</td>
</tr>
<tr>
<td></td>
<td>20 DST/NRF Chairs</td>
</tr>
<tr>
<td></td>
<td>1357 study programmes</td>
</tr>
<tr>
<td></td>
<td>29 Industry Chairs</td>
</tr>
</tbody>
</table>

**267 000**

Total number of alumni

Source: 2018 Quacquarelli Symonds World Universities Ranking

UP ranks in the top 1% internationally in six fields:
- Agricultural Sciences
- Clinical Medicine
- Engineering
- Environmental Sciences/Ecology
- Plant and Animal Sciences
- Social Sciences

Source: Web of Science (WoS) Essential Science Indicators (ESI)
The primary goal of our academic programmes is to produce highly-skilled graduates in diverse professional fields to advance the country’s socio-economic development. At UP, quality drives our every action and steers our every thought. We are resolute in our intended outcome: a quality education.
The University’s Gordon Institute of Business Science (GIBS) has been ranked first among South African and African business schools in the UK Financial Times Executive MBA Ranking for more than a decade. In the 2017 Executive Education Rankings, GIBS was placed at number 41 in the world.
UP’s contribution to the economy is determined by both the input of its teaching and the output of its learning. This core mission is also the barometer of the University’s global status and recent developments have confirmed that our consistency in upholding quality is paying dividends.

HIGH GLOBAL RANKINGS

The international ranking of universities remains an important feature of the national and international landscape of higher education. These rankings influence, among others, an institution's visibility and positioning in comparison to its peers, student choices and the overall competitiveness of an institution.

The 2018 Quacquarelli Symonds (QS) subject rankings gave cause for celebration for the University as a whole, since UP is now ranked in the 501-550 range, placing it in the top 1,9% of universities worldwide. UP featured in the Top 300 in the world in no fewer than 15 subject areas, with five in the Top 200. These five areas are Theology, Divinity and Religious studies (Top 100), Agriculture and Forestry (Top 150), and Law, Archaeology, and Architecture and the Built Environment.
UP also ranks among the top 100 institutions (97th) for alumni outcomes, confirming that UP graduates are highly regarded and sought after worldwide*. Employers have ranked the University 272nd in the world and is testament to the University’s solid reputation for producing work-ready graduates. UP was placed in the 251-300 bracket for its overall showing, and is placed fourth among South African universities.

A highlight of the latest Times Higher Education (THE) World University Rankings rankings for UP is the exceptional achievement of our Law Faculty, which was placed among the top 100 law faculties globally at No 97. With this feat, the Faculty of Law joins the ranks of the University’s Business School, GIBS, and our Faculty of Theology among the world’s best 100. GIBS has held onto its position as the best in Africa and improved its overall ranking to No 41 in the world in the annual UK Financial Mail 2017 Executive Education Rankings. In its centenary year (2017), Theology was ranked No 1 in Africa and No 14 in the world in the QS rankings for its impact in theology and the study of religion.

* Source: 2018 QS Graduate Employability Survey
TOP SKILLS SUPPLY

We are one of the main contributors of skilled individuals in a broad range of fields critical to the advancement of South Africa. Almost half (49%) of our contact enrolled students are in scarce skills-related study programmes identified as crucial for the country’s socio-economic development.

The University’s considerable contribution to the skills pool is evidenced by the number of UP graduates as a percentage of the national pool of graduates produced by the 13 traditional public universities in 2016: Appendix D

<table>
<thead>
<tr>
<th>Field</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master’s-level graduates</td>
<td>18,3%</td>
</tr>
<tr>
<td>Doctoral-level graduates</td>
<td>14,3%</td>
</tr>
<tr>
<td>Engineering degrees</td>
<td>25,7%</td>
</tr>
<tr>
<td>Health sciences degrees</td>
<td>17,9%</td>
</tr>
<tr>
<td>Natural science degrees</td>
<td>16,7%</td>
</tr>
<tr>
<td>Veterinary degrees</td>
<td>100%</td>
</tr>
</tbody>
</table>

To date, 91% of our students are able to find work within six months of graduating. Their success in the workplace will be further enhanced with the introduction in 2016 of the Work-readiness and Entrepreneurship programme (WReN). This co-curricular programme facilitates student learning outside the formal learning programme for their degrees, thereby equipping them with attributes required for success in the world of work.

** Source: Statistics provided by the Department of Institutional Planning | August 2017
81.6% Full-time undergraduates who pass their exams

91% Students who are employed within six months of graduating

TOP 100
UP Faculty of Law (#97)
UP Faculty of Theology (#14)
UPSpace (#73)
UP GIBS (#41)
These have been rated among the world's top 100 facilities and services


#272 IN THE WORLD
Employers rate UP very highly

501-550 IN THE WORLD
The 2018 QS rankings placed UP in the 501-550 range, putting it in the Top 1.9% of universities worldwide

5 TOP SUBJECT AREAS
Agriculture and Forestry
Archaeology
Architecture and the Built Environment
Law
Theology, Divinity and Religious Studies

The 2018 QS subject rankings placed UP in the top 200 universities globally for these five subject areas.

49% Students enrolled in scarce skills areas
OUR PRIMARY GOAL IS NOT ONLY TO PRODUCE GOOD-QUALITY GRADUATES BUT ALSO TO PRODUCE GRADUATES WITH ATTRIBUTES THAT GO BEYOND MASTERY OF THEIR FIELDS OF STUDY; GRADUATES WHO CAN INTERACT SUCCESSFULLY IN A GLOBALLY INTERDEPENDENT WORLD, AND WHO ARE PREPARED FOR THE CHALLENGES OF A DIVERSE WORLD.
STUDENT SUPPORT

Our student success and throughput rates are among the highest in the country and have increased steadily over the past few years. In 2017, 81.6% of our full-time undergraduates passed their year-end exams.

The Fly@UP initiative, introduced in 2016, will further bolster the attempts to see our students complete their qualifications within the minimum time period. Fly@UP provides students with support to attain this goal, provides academic staff with the wherewithal to improve the quality of teaching programmes, harnesses the hybrid teaching and learning approach, and uses data analytics to drive student success. ‘Fly’ stands for the ‘finish line is yours’.

HYBRID TEACHING MODEL

We follow international trends in our teaching model, where research has shown that a combination of contact and online learning produces better student success than learning in one delivery mode only. Our teaching model uses technology to create a variety of learning environments for our students. Students are free to attend lectures, practical sessions and tutorials, but a part of the learning is dependent on access to our online learning management system, known as clickUP. The system has 87% of undergraduate modules available online, which has allowed students to continue their studies uninterrupted.
FINANCIAL SUPPORT

Access to student funding remains a major factor inhibiting access to higher education. It is therefore a priority for UP as we strive to serve the national goal of increasing access to affordable university education for all deserving students.

We make substantial contributions from our own funds to support students: in 2017 alone, we awarded a total of R1,16bn in loans and bursaries. The University contributed R46,6m to cover the shortfall in 2016 after the government announced the 2016 student fee moratorium to support students qualifying for National Student Financial Aid Scheme (NSFAS) funds who could not be supported, or supported fully, from that source to fund historic debt. In 2017, we assisted with R21m of own funds to help with the NSFAS shortfall.

In 2017, the University also gave further financial support of R139m from its own funds to assist needy and meritorious students.

Our ongoing fundraising drive continues to produce positive results. The Tuks Scholarship Fund launched the #100inamillion campaign to sign up at least 10 000 donors each donating R100 per month. At the beginning of 2016, the Fund could offer 12 students from the so-called ‘missing middle’ full-cost bursaries for the duration of their studies. In 2017, a further nine students were awarded a full cost bursary from this fund.

Our own efforts are bolstered by significant scholarship funding from philanthropic foundations for a number of specific programmes. The largest of these are the Michael and Susan Dell Foundation, the MasterCard Foundation and the Carnegie Foundation.
The 300-bed Tuks Bophelong student residence for medical students was opened in 2016.

R1,16BN
Total of loans and bursaries awarded in 2017 to 24 440 students

#1
UP is top among all SA universities in the SAICA ITC* results

*South African Institute of Chartered Accountants Initial Test of Competence

FLY@UP
offers support to students to complete their qualifications in the minimum time
Ongoing support from South African Institute of Chartered Accountants (SAICA) and the Actuarial Society of SA (ASSA) has been rewarded with UP achieving top position overall among all South African universities in the SAICA ITC (Initial Test of Competence) results.

The University has also concluded an agreement with the Discovery Foundation for R20m to be placed into a trust account as collateral to guarantee study loans for medical students.

**STUDENT LIFE ENRICHMENT**

Our student life programme – filled with academic, social, sporting and cultural activities – enriches the overall UP student experience.

**Leadership development**

Resident students are exposed to diversity and leadership development programmes through the TuksRes Leadership Training Academy, which focuses on practical leadership, eldership, women in leadership, wellbeing and employability. The Women in Leadership Programme, which was launched in 2015, continues to grow as a student-led initiative and will be integrated formally into the broader co-curricular programme offering.
Sports, arts and culture
At UP we regard our holistic approach to education as a central component of student success. Accordingly, in the same way that we focus on academic excellence, our campus environment uniquely enables our students to pursue their sport and cultural interests at the highest level.

UP's focus on sport and sport development, also through our world-renowned High Performance Centre (hpc), which collaborates with national sporting bodies, is a major drawcard for student athletes to study at UP. We have produced world-class athletes, the most recent highlight being the silver medal won by Lawrence Brittain and Shaun Keeling in the men's coxless pair rowing event in the 2016 Rio Olympic Games. On the Rio athletics track, Akani Simbine took 5th place in the men's 100m final with a time of 9.94s. He made history by being the first South African male sprinter since 1932 to qualify for the 100m final at the Olympics.

UP teams also consistently clock up some remarkable achievements in university competitions, with the Tuks colours blazing on the winner's podium. The University lifted the standard of university sport to a new level in 2017 by winning six of the Varsity Competitions and nine of the USSA Tournaments.

The jewel in our arts and culture crown is Tuks Camerata, which is recognised as one of the 24 best choirs in the world and has enjoyed successful performances world-wide, the most recent being the World Choral Symposium on Choral Music, in Barcelona, Spain in July 2017.

The annual Principal's Concert showcases our many and varied in-house musical and artistic talents and our alumni go on to enjoy success on the international stage.
**TEACHING SUPPORT**

The reputation we enjoy for our quality graduates and meaningful research can only be achieved through the quality input of our teaching and support staff. Attracting, developing and retaining quality researchers and academics is central to the University’s long-term strategy, UP 2025, and to achieving the research-intensive identity we pursue.

**Staff qualification levels**
The percentage of our academic staff with doctorates has consistently increased: from 43% in 2012 to 64.2% in 2017, while research productivity increased from 0.7 accredited journal units per academic full-time equivalent staff (FTE) in 2012 to 1.2 units from 2012 to 2016. In addition, the total doctoral graduate output increased by 51% from 200 in 2012 to 302 in 2016. The qualification levels of academic staff have a direct impact on the capacity for research supervision and productivity.

**Staff/student ratios**
We work hard at building a diverse and capable workforce that will make reaching the University’s strategic objectives a reality.

The University was afforded the opportunity
2018 QS RANKING IN SOUTH AFRICA
2nd in Engineering and Technology
3rd in Arts and Humanities
3rd in Social Sciences and Management
4th in Life Sciences and Medicine
4th of all South African Universities
Source: Quacquarelli Symonds (QS) world rankings

OUR STAFF ARE RECOGNISED
507 are NRF-rated

OUR STAFF ARE WELL QUALIFIED
64.2%
Percentage of our academic staff with doctorates

OUR STAFF ARE PRODUCTIVE
Research productivity increased by 51%
(2012–2017)
to achieve this and improve staff/student ratios through the DHET’s Next Generation of Academics Programme (nGAP) initiative. nGAP aims to address the severe sector-wide underrepresentation of African, Indian, Coloured and women South African academics by developing the next generation of academic scholars. Having appointed six black academics against the seven funded posts awarded to UP in 2015 in Phase 1 of the programme, we were delighted to receive R9,3m in 2016 for a further four posts in the second phase.

With 13 348 postgraduate students, and with doctoral enrolments steadily increasing (to 2 389 in 2017), we have a robust pipeline of future academics.

**Broadening our research base**

The achievement of National Research Foundation (NRF) ratings is a measure of the quality and level of recognition of researchers in their respective fields. The number of our researchers who have achieved an NRF rating continues to increase. In 2017, there were 507 rated, up from 426 in 2016. Significant were the 15 A-rated and 97 B-rated scientists. Y-rated young scientists numbered 86 in 2017 (up from 79 in 2016).
FOR US, RESEARCH MATTERS

UP HAS OVER THE YEARS CONSISTENTLY ACHIEVED RESEARCH OUTCOMES THAT PLACE IT AMONG THE TOP-PERFORMING RESEARCH INSTITUTIONS IN SOUTH AFRICA. WE INTENTIONALLY FOCUS ON ‘RESEARCH THAT MATTERS’, AND THEMATIC AREAS THAT DEMONSTRATE THE IMPACT ON SOCIETY.
AREAS OF RESEARCH STRENGTH

While UP’s areas of research strength are wide-ranging, we have a particular impact in Animal Sciences and Zoology, Plant Sciences, Genetics, Economics and Econometrics, Veterinary Science linked to Parasitology and Virology, Forestry and Ecology, Evolution and Systematics.

Our current research focus is on 21st century-relevant areas, in particular Big data and digital technologies, Smart transport and Smart cities, and Food security. Through our Future Africa Institute, the University aims to play a leading role in research in Africa by focusing research on challenges relevant to Africa, through the Future Africa project and by investing in research where UP is recognised as a leader in Africa.

As a university, we are strategically placed to play a leading role in advancing the type of science needed to address the complex problems that confront Africa, its people and the environment, and to position it as the hub for continental and global research networks on major developmental and global challenges.

PARTNERSHIPS AND COLLABORATION

Partnerships and collaboration on the African continent are a particularly important part of our 2025 strategy, with several institutes, centres and units at UP supporting research that reaches into the continent. A few examples are:

• The Centre for Human Rights, which focuses on human rights education in Africa, commemorated its 30th anniversary in 2016.
• The African Tax Institute, which focuses on postgraduate education and research, awarded the first PhD in Tax Policy in April 2016.
STRONG INTERNATIONAL PROFILE

134
international academic staff

4 008
international students

1 018
international co-authorships

#171
Our strong partnerships with industry earned us a high global ranking for Industry Income

246
Research partnerships across 68 countries and six continents

TOP 1%
33 UP researchers are in the top 1% group of scientists globally

Source: InCites Essential Science Indicators, a product of Clarivate Analytics

RATED SCIENTISTS

15
A-rated scientists

97
B-rated scientists

309
C-rated scientists

86
Y-rated young scientists

SOLID GROWTH IN RESEARCH FUNDING

R405m
2014

R525m
2015

R640m
2016

R665m
2017

CURRENT RESEARCH FOCUS

Big data and digital technologies

Smart transport and smart cities

Food security
• The Institute for Sustainable Malaria Control (UP ISMC) hosts the SARChI Research Chair in Sustainable Malaria Control and a Chair in Integrated Vector Management and is also a Medical Research Council (MRC) collaborating centre for malaria research.
• The Future Africa initiative occupied its own campus in 2017. This pioneering initiative is rapidly becoming known for its unique concept of offering the physical infrastructure and space for a dynamic living, learning and research environment. It is developing a new generation of young scientists to undertake research relevant to Africa’s development.

PARTNERSHIPS IN PROGRESS

UP has strong formal partnerships with industry and was placed in position 171 worldwide for Industry Income in the 2017 Times Higher Education (THE) World University Rankings.

Active partnerships with industry and government are mutually beneficial and support UP’s research productivity, infrastructure, student training, graduate employment, and industry competitiveness and growth. In the recent past, we have witnessed some groundbreaking initiatives come to fruition, among them the Kumba Virtual Reality Centre for Mine Design, a state-of-the-art transport reference and research laboratory facility unique in South Africa and on the African continent and the National Nuclear Regulator (NNR) Centre of Excellence for Nuclear Safety and Security.

INTERNATIONAL VISIBILITY

In addition to world rankings, international recognition for universities is also measured in InCites Essential Science Indicators (ESI) where the frequency of citations is used to position authors in the top 1% of
scientists globally. By the end of 2017, 33 UP researchers were in this top 1% group, while 100 papers were identified as ‘top papers’ in the WoS index.

Closely linked to UP's research performance is the strengthening of its international profile and visibility. The University’s international profile has continued to grow as demonstrated by several indicators. In 2017, there were 4 008 international students enrolled, of which 825 were doctoral students and 235 postdoctoral fellows. International academic staff numbered 134 in 2017. A total of 1 018 papers were co-authored with international researchers in 2017 (compared to 643 in 2012) and were published by UP researchers in journals indexed by the Web of Science (WoS).

RESEARCH FUNDING

Success in securing external research grants and contracts demonstrates research relevance and the competitive standing of UP at national and international levels. In 2016, our researchers and research partners secured R640m in funding from external funders, considerably up from the R405m in 2014.
WE ARE SOCIALLY RESPONSIVE AND ENGAGED

A UNIVERSITY IS SHAPED AS MUCH BY WHAT HAPPENS ON CAMPUS AS WHAT HAPPENS OFF CAMPUS AND WE WORK TIRELESSLY TO ENSURE THAT WE REMAIN RELEVANT BY WORKING FOR SOCIETY, WITH SOCIETY. OUR INTENTION IS FOR OUR STUDENTS TO ALSO EMERGE AS CITIZENS WITH A DEEP SENSE OF CIVIC RESPONSIBILITY.
Our efforts on community engagement and development have not gone unnoticed. In 2016, the University accepted an invitation to join the new University Social Responsibility Network (USRN), an international group of 15 top universities. We are the only representative from Africa in this group.

COMMUNITY ENGAGEMENT

The University’s community engagement projects are a continuous source of pride and inspiration for us. On the one hand, they link the research and teaching skills of staff and students to the specific needs of a community. On the other, staff and students are enriched through their community service and engagement.

Our successful community engagement programme is embedded in the undergraduate and postgraduate curricula. All faculties and some support departments are involved in community engagement and community development. Over 13 000 students undertake community engagement for credit across 1 500 community sites of learning. This overlaps in many instances with work-integrated learning and practical work, which helps us provide a more integrated service to the community.

UP is also actively involved in continuing professional development through courses offered by Enterprises UP, which also sponsors the flagship corporate social investment initiative, the Leadership Development Programme for School Principals.
TOP 15

UP is the only representative from Africa in the new University Social Responsibility Network (USRN), an international group of 15 top universities.

1 500

Community sites of learning

23 000

Students involved in community projects, or volunteering.
Given our locality, we particularly value our healthy relationship with the City of Tshwane and partner with them on a variety of community-oriented projects. One project that had a very real impact on the community, was the development of the Hatfield Precinct Project whose main goal is to revitalise the Hatfield area near the University precinct. Through this project, UP is taking the lead as an anchor institution in building ‘community wealth and wellbeing’ in partnership
with the City of Tshwane in order to contain, and reverse, the creeping urban decay in the Hatfield area, as a pilot for similar initiatives in the communities around its other campuses. Since the project was initiated, cleanliness and security in Hatfield have improved and relations with residents and the local business community have strengthened.
SOCIAL ENGAGEMENT

The Javett-UP Art Centre opens in 2018 as a new independent art centre associated with the University of Pretoria. It is one of the largest art construction projects, one of the largest philanthropic ventures and one of the most ambitious initiatives aimed at promoting the arts and cultural heritage in South Africa.

The Centre brings together the University of Pretoria, the Javett Foundation and other donors and brings South Africa and Africa’s art to the world, and the world’s art to South Africa.

It will offer an outstanding resource to students and academics of art, art history, curation, and conservation. It will be a space in which both students and the wider public can explore their past and create their future.
This brochure is printed on paper made from wood fibre, a renewable resource.

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