### VitalStats Public Higher Education 2016



Public Higher Education 2016

The Council on Higher Education (CHE) is an independent statutory body established by the Higher Education Act, no. 101 of 1997 (amended). The CHE is the Quality Council for Higher Education, advises the Minister of Higher Education and Training on all higher education issues and is responsible for quality assistance and promotion through the Higher Education Quality Committee.

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COUNCIL ON HIGHER EDUCATION

**Foreword** 

This issue of VitalStats, Public Higher Education, 2016 marks the seventh year of the Council on Higher

Education (CHE) publishing this series. The series provides the latest audited data available on the higher

education sector in an easy to use format. *VitalStats 2016* contains data covering the period 2011 to 2016. Most of the graphs in the publication are based on data extracted from the Higher Education Management

Information System (HEMIS), and the CHE expresses appreciation to the Department of Higher Education

and Training (DHET) for collecting and extracting these data for use by the CHE and for providing the relevant

financial and research data. The CHE is also grateful to the National Student Financial Aid Scheme (NSFAS)

for financial data and to Statistics South Africa for population data.

As in previous issues, the first four sections of the publication cover student data, showing the size and shape

of the sector with graphs indicating enrolments and numbers of graduates according to race; gender;

qualification type; field of study; institutional type and other relevant categories.

The fifth section of the publication (purple) provides data on staffing at public universities, broken down into

various categories. The sixth section (blue) comprises cohort analyses of students that entered diploma, degree and postgraduate studies in 2011, tracking their throughput rates for particular qualification types.

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Owing to the different regulation time associated with the mode of study (distance and often part-time) at the

University of South Africa (UNISA), data for UNISA are considered separately in this section (as indicated on the relevant graphs). The CHE would like to thank Charles Sheppard for carrying out the cohort studies for

this publication.

The final section of VitalStats includes financial and research output data, with new graphs showing NSFAS

allocations. The publication also includes a glossary based on HEMIS definitions and appendices listing the

Classification of Educational Subject Matter or CESM categories; the various universities by institutional type;

a description of the cohort analysis methodology and lists of the qualifications included in the analyses.

The role of the Monitoring and Evaluation Directorate staff, particularly Michael Gordon, in developing

VitalStats is greatly appreciated. The CHE welcomes any feedback on this publication, which can be sent to

Genevieve Simpson (simpson.g@che.ac.za). The publication can also be downloaded from the CHE's

website (www.che.ac.za).

Dr Denyse Webbstock

Director: Monitoring and Evaluation

### **Definitions**

### **Block grant:**

State subsidy to universities is divided into block and earmarked grants. Block grants are consolidated into a single transfer and the funds can be used for any legitimate university purpose. Currently block grants have four components: teaching input (based on enrolments), teaching output (based on graduations), research output (based on approved publications and research masters and doctoral graduations) and institutional factors (based on institution size and proportion of historically disadvantaged students).

### Classification of Educational Subject Matter or CESM categories:

A set of classifications aiming to provide a single coherent system for categorising subject matter irrespective of the level of instruction or type of institution. For a list of first-order CESM categories, see Appendix 2.

### Cohort:

The first-time entry students in a given year who have enrolled for a particular higher education programme.

### Comprehensive Universities (Comp):

This refers to institutions that offer the full spectrum of programmes, including vocational, professional and general formative programmes at both undergraduate and postgraduate levels.

### Contact mode of delivery:

This refers to courses involving personal interaction with institutional teachers or institutional supervisors, through lectures, tutorials, seminars, practicals, supervision, or other forms of required work, which occurs at the institution's premises or at a site of delivery of the institution.

### Course success rates:

The success rate refers to the total number of courses passed by students in a given academic year relative to course enrolments. It is calculated by dividing the total number of FTE degree credits (courses completed) by FTE enrolments. These calculations, for a programme or for an institution as a whole, produce weighted average success rates.

### Distance mode of delivery:

This refers to courses where the interaction with institutional teachers or institutional supervisors is undertaken remotely through the use of correspondence, telematics, or the internet.

### Earmarked funding:

State subsidy to universities is divided into block and earmarked grants. Earmarked funds must be spent on the purposes for which they are designated. In recent years, some of the categories for earmarked

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provision have been interest and redemption of government loans, infrastructure, teaching development, research development, foundation courses, clinical training of health professionals and veterinary science.

### Field of study:

Enrolments are divided into four broad fields or areas of study, calculated by aggregating enrolments by CESM category as below. For a description of each CESM category, see Appendix 2:

- Science, Engineering and Technology (SET): CESM 01, 02, 06, 08, 09, 10, 13, 14, 15 & 16
- Business & Commerce (B&C): CESM 04
- Humanities (Hum): CESM 03, 05, 11, 12, 17, 18, 19 & 20
- Education (Ed): CESM 07

### Full Cost of Study (FCS):

The FCS is defined as the cost of registration, tuition, accommodation, books and meals as averaged per student per university.

### Full-time equivalent (FTE):

FTE student enrolments are calculated (a) by assigning to each course a fraction representing the weighting it has in the curriculum of a qualification, and (b) by multiplying the headcount enrolment of that course by this fraction. FTE staff numbers are calculated in a similar way.

### **Gross Domestic Product (GDP):**

This is the total market value of all goods and services produced in a country in a given year. The GDP includes all consumer, investment and government economic activity during that year. The value of exports is added to GDP and the value of imports is subtracted.

### **Headcount:**

The total number of students enrolled at each institution whether as full-time, part-time or occasional students.

### National Student Financial Aid Scheme (NSFAS):

NSFAS is the South African government student loan and bursary scheme which provides loans and bursaries to students at public universities and colleges.

### Nominal and real funding:

Nominal funding refers to the actual amount of money given to a specific activity in Rand value for that specific year. Real funding relates the funding of a particular year relative to a base year, taking inflation into account. Real funding allows for a comparison of purchasing power over time as increases and decreases are compared to the base year.

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### **Occasional student:**

This is a person who satisfies the statutory requirements for entry into a formally approved qualification offered by the institution and who is effectively registered for an approved course, but who is not registered for an approved qualification. It includes persons enrolled for non-degree purposes.

### Participation rate or Gross Enrolment Ratios (GER):

This is total headcount enrolment over the national population of 20-24 years old, calculated as a percentage. The term used by the Department of Higher Education and Training is *participation rate*. The National Plan for Higher Education (Department of Education: 2001) explains that: "The participation rate is calculated using the UNESCO standard, as the percentage of 20–24 year olds of the general population enrolled in higher education".

### Percentage accumulative (for Cohort Study):

This indicates (in the relevant graphs) the total number of students of a particular first-time entering cohort who have graduated or dropped out up to that point. It includes all the students of that cohort who have graduated or dropped out in previous years.

### Percentage non-accumulative (for Cohort Study):

This indicates (in the relevant graphs) the total number of students of a particular first-time entering cohort who have graduated or dropped out in that particular year. It does not include the students of that cohort who have graduated or dropped out in previous years.

### Permanent employee:

A person is classified as a permanent staff member if he/she contributes to an approved retirement fund of the institution.

### Personnel categories:

The personnel category indicates the type of duties to be undertaken in a position which a staff member occupies in the institution, and the qualifications and experience normally required by the incumbent of that position. The duties, qualifications and experience referred to relate to those of the position. The personnel categories are:

**Instruction/research professional (Academic):** A position in which (a) at least 50% of time is spent on instruction and/or research activities, and (b) the position requires a higher education qualification equivalent to at least 4 years of higher education study.

**Executive/administrative/managerial professional (Senior Management):** A position in which (a) the primary function is the management of the institution or one of its major divisions or sections, and (b) the position requires an educational attainment equivalent to at least 4 years of higher education study.

**Non-professional administration (Administrative):** A position in which (a) the primary function is clerical, secretarial or administrative duties, and (b) an educational attainment equivalent to 4 years of higher education study is not required.

Service staff: A group of staff for whom the primary function comprises unskilled activities.

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### Postgraduate:

Postgraduate qualifications include Postgraduate Diplomas and Honours, Masters and Doctoral degrees.

### Qualification:

A qualification is the certificate, diploma or degree which an institution awards to a student on the successful completion of an accredited programme of study of 120 credits or more.

### **Qualification types:**

This refers to the different types of certificates, diplomas and degrees offered by higher education institutions that conform to the specifications for nine such types on the Higher Education Qualifications Sub-Framework (HEQSF). An explanation of the types of qualifications and requirements for the awarding of the qualification can be found in the HEQSF.

### Research output unit (RO):

The research output unit is a proxy for the amount of research produced, calculated for subsidy purposes. Public universities accrue research output units based on the number of publications and postgraduate outputs produced in a specific year. The *Policy and procedures for measurement of research output of public higher education institutions (2003)* determines the number of units awarded for different recognised publication types.

### Staff members:

A staff member is a person who is either compensated by the institution by pay or other means for services rendered, or who, while not being paid or compensated by the institution, performs services which relate to the institution's normal activities and those activities which would otherwise have been performed by staff receiving compensation from the institution.

### Student: staff ratio:

This refers to the average number of students per academic staff member and gives an indication of the average teaching load carried by each academic staff member. It is calculated by dividing the number of FTE academic staff by the number of FTE students.

### Temporary employee:

All staff members who do not contribute to an approved retirement fund of the institution are classified as having temporary employment status.

### Third stream income:

This refers to all university income derived from sources other than state subsidy or student tuition fees. It is also sometimes called private income. Sources of third steam income are diverse and can include donations or endowments; money earned through contract research or entrepreneurial activity; and income from investments.

### Throughput rates:

The throughput rate calculates the number of first-time entry undergraduate students of a specific cohort of a specific year who have graduated either within the minimum time, or up to 2 years beyond the minimum time, to the number of students in the baseline enrolments of that cohort. Throughput rates are reflected in the section on cohort studies.

### **Traditional Universities (Trad):**

This refers to institutions that offer a broad range of general formative and professional programmes at both undergraduate and postgraduate levels.

### Undergraduate:

A student engaged in an undergraduate qualification at a university, namely a first or entry qualification, including certain certificate programmes, diplomas and Bachelor degrees.

### Universities of Technology (UoT):

This refers to institutions (previously called Technikons) that offer a range of programmes that are vocationally and/ or professionally-orientated, primarily at the undergraduate level.

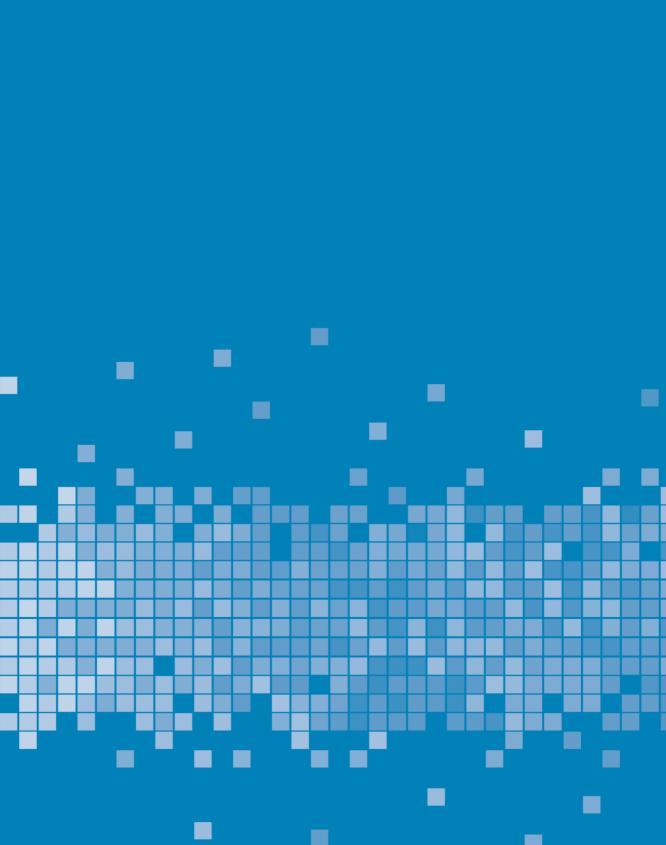
### Weighted research output:

Research funding for public universities is based research output units accrued by an institution in a specific year. Units are awarded based on the number of publications an institution produces as well as the number of research masters and doctoral graduates in that year. When calculating weighted research output for the given year, the number of doctoral graduates is multiplied by three, while the units for publications and research masters graduates are multiplied by one.

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## STUDENT ENROLMENT AND COMPLETION DATA





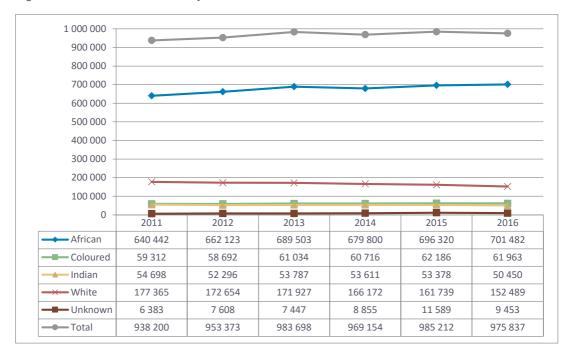
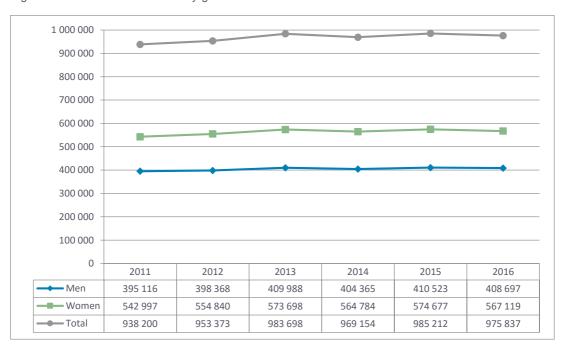


Figure 1: Headcount enrolments by race from 2011 to 2016\*

Figure 2: Headcount enrolments by gender from 2011 to 2016



<sup>\*</sup> The categories for race and gender is as applied in HEMIS. The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.

The most recent HEMIS data in this section were extracted by DHET in January 2018.

Figure 3: Headcount graduates by race from 2011 to 2016\*

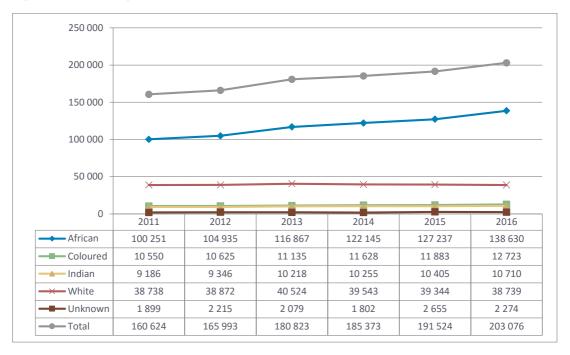
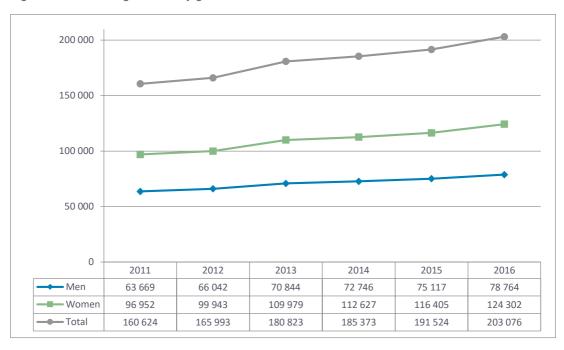


Figure 4: Headcount graduates by gender from 2011 to 2016



<sup>\*</sup> The categories for race and gender is as applied in HEMIS. The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%.

689 503 42 284 679 800 43 376 696 320 44 228 701 482 45 110

62 186

53 378

161 739

4 833

1 362

4 5 3 4

61 963

50 450

152 489

4 8 9 7

1 386

4 5 1 6

4 783

1 344

4 556

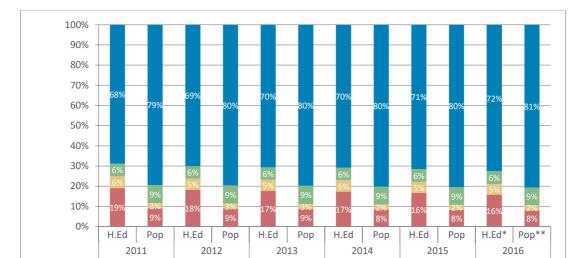


Figure 5: Headcount enrolments as a proportional comparison to population headcount by race from 2011 to 2016

Figure 6: Headcount enrolments as a proportional comparison to population headcount by gender from 2011 to 2016

4 766

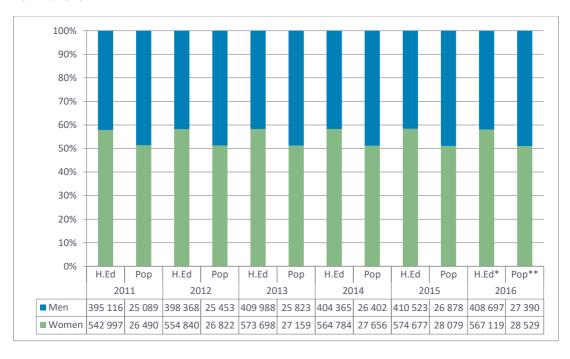
1 329

4 602

60 716

53 611

166 172



<sup>\*</sup> Higher education.

African

Indian

■ White

■ Coloured

640 442

59 312

54 698

177 365

4 665

1 294

4 642

40 979 662 123 41 625

58 692

52 296

172 654

4 716

1 311

4 622

61 034

53 787

171 927

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<sup>\*\*</sup> Population numbers are in thousands.

Figure 7: Proportion of population age cohort (participation rates) by race from 2011 to 2016

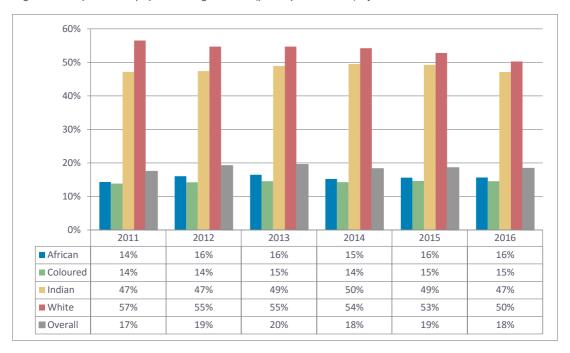


Figure 8: Proportion of population age cohort (participation rates) by gender from 2011 to 2016



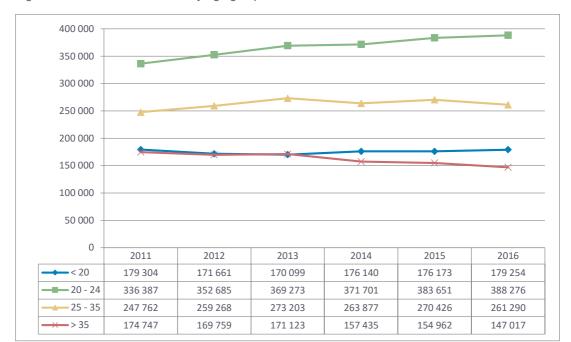
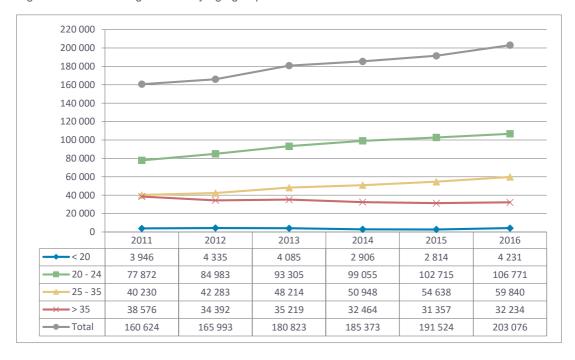


Figure 9: Headcount enrolments by age group from 2011 to 2016

Figure 10: Headcount graduates by age group from 2011 to 2016



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Figure 11: Headcount enrolments of all non-South African students from 2011 to 2016

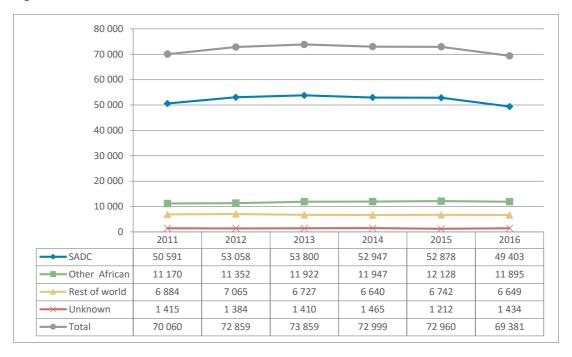
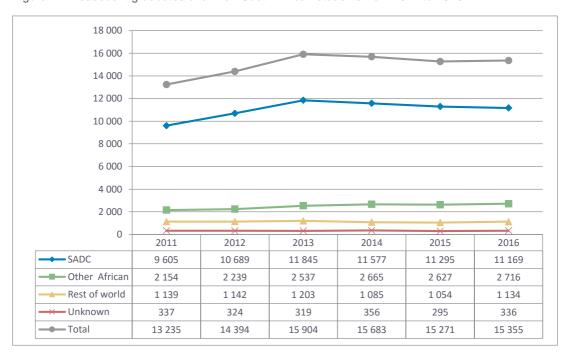


Figure 12: Headcount graduates of all non-South African students from 2011 to 2016



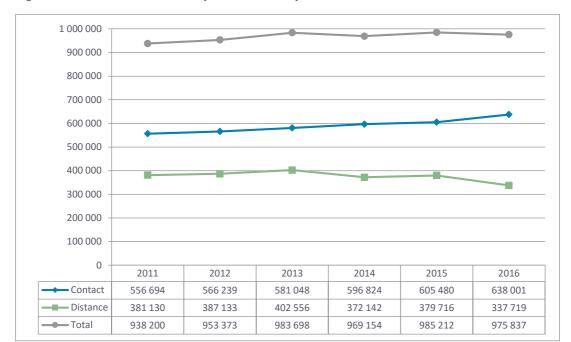
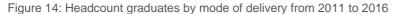
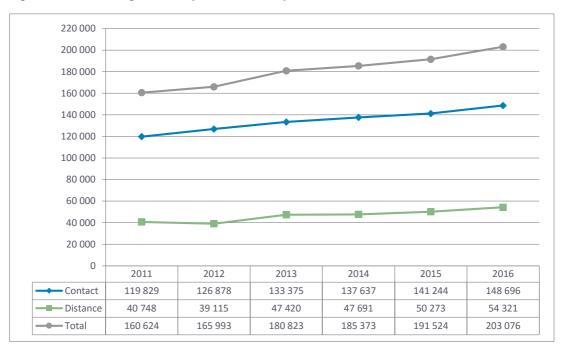


Figure 13: Headcount enrolments by mode of delivery from 2011 to 2016





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Figure 15: Headcount enrolments by mode of delivery and race for 2011 and 2016

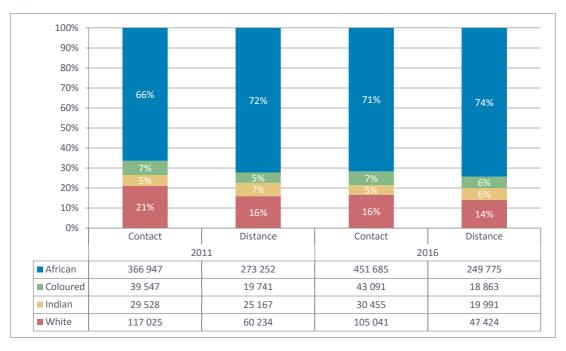
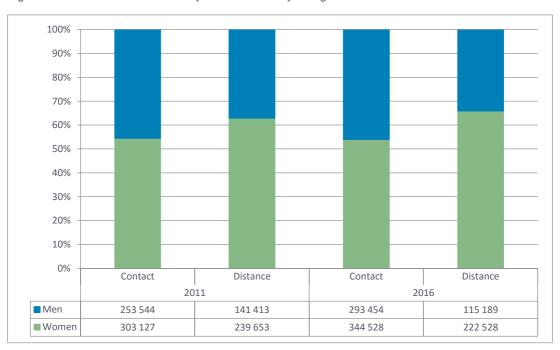


Figure 16: Headcount enrolments by mode of delivery and gender for 2011 and 2016



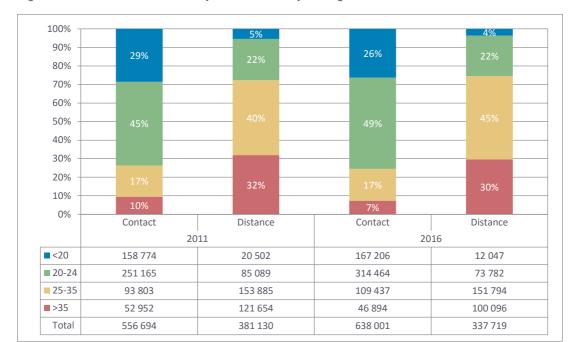


Figure 17: Headcount enrolments by mode of delivery and age for 2011 and 2016

Figure 18: Headcount graduates by mode of delivery and race for 2011 and 2016

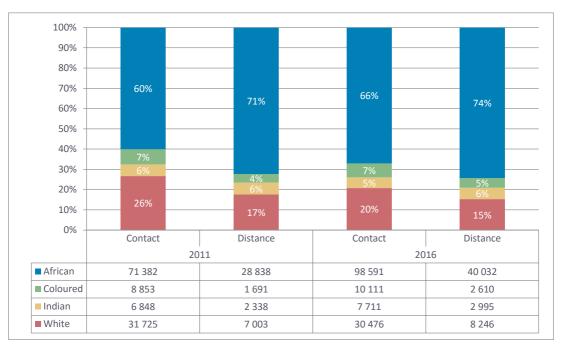


Figure 19: Headcount graduates by mode of delivery and gender for 2011 and 2016

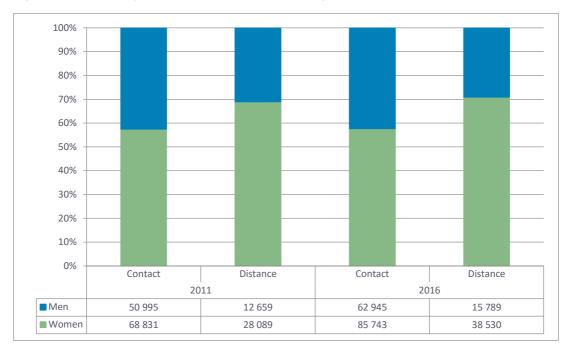


Figure 20: Course success rates by race from 2011 to 2016



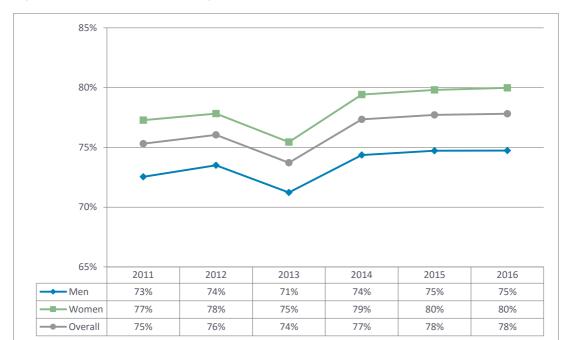


Figure 21: Course success rates by gender from 2011 to 2016

Figure 22: Course success rates by qualification level from 2011 to 2016



Figure 23: Course success rates per qualification level by race from 2011 to 2016

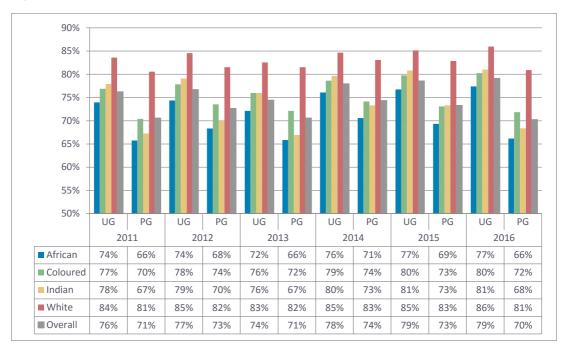
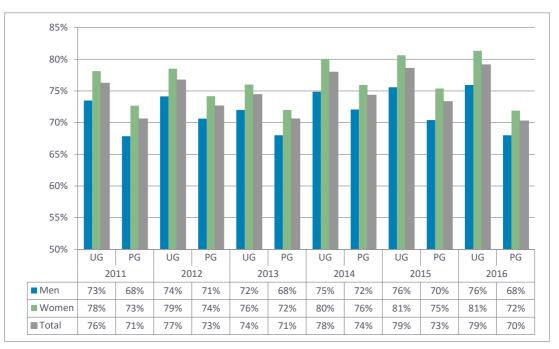
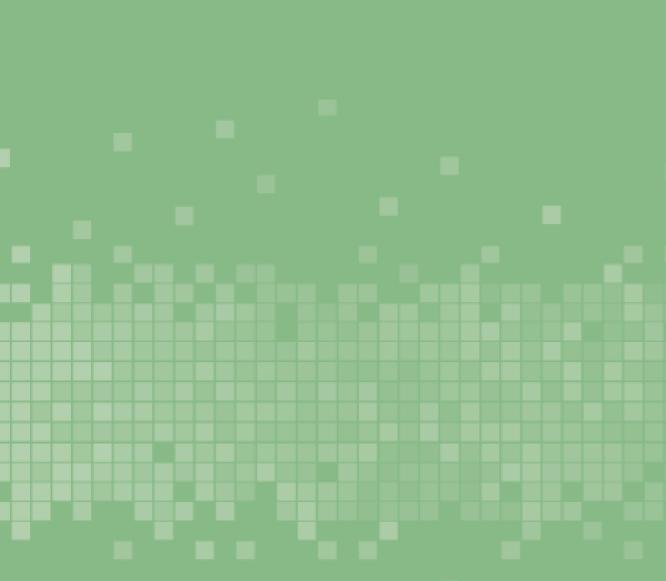


Figure 24: Course success rates per qualification level by gender from 2011 to 2016



# STUDENT DATA BY QUALIFICATION TYPE





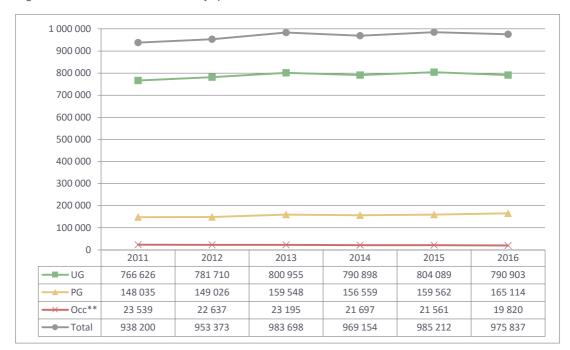


Figure 25: Headcount enrolments by qualification level from 2011 to 2016\*





<sup>\*</sup> The Unknown category is not always displayed, but not omitted. Rounded off percentages may not always add up to 100%. 
\* The most recent HEMIS data in this section were extracted by DHET in January 2018.

<sup>\*\*</sup> Occasional students.

<sup>\*\*\*</sup> Professional first four-year degrees only.

Figure 27: Headcount undergraduate enrolments by race for 2011 and 2016

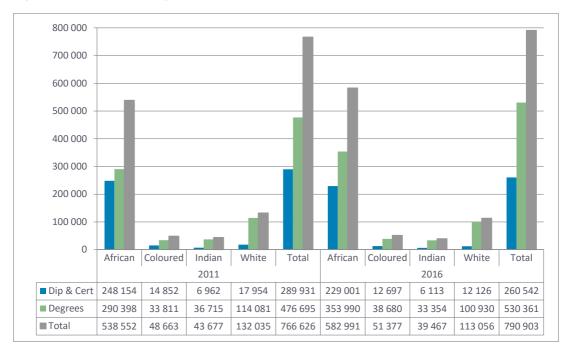


Figure 28: Headcount undergraduate enrolments by gender for 2011 and 2016

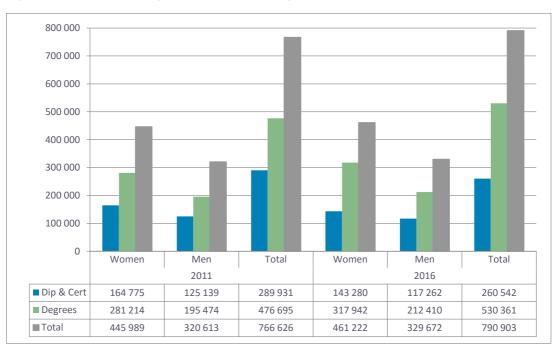


Figure 29: Headcount of undergraduate qualifications awarded by race for 2011 and 2016

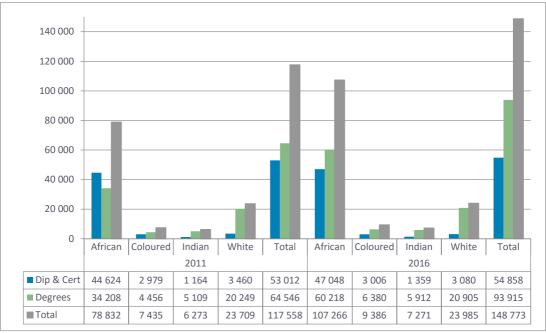


Figure 30: Headcount of undergraduate qualifications awarded by gender for 2011 and 2016

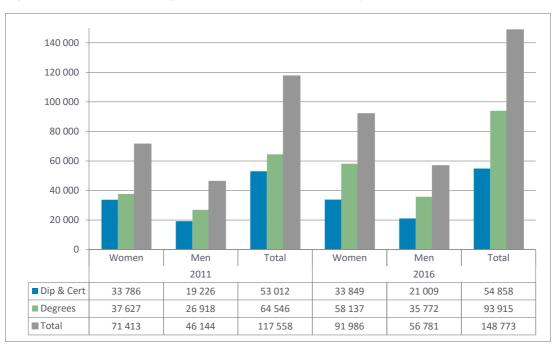


Figure 31: Headcount of postgraduate enrolments by race for 2011 and 2016

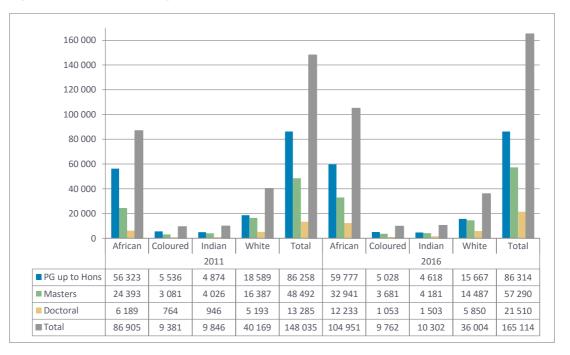
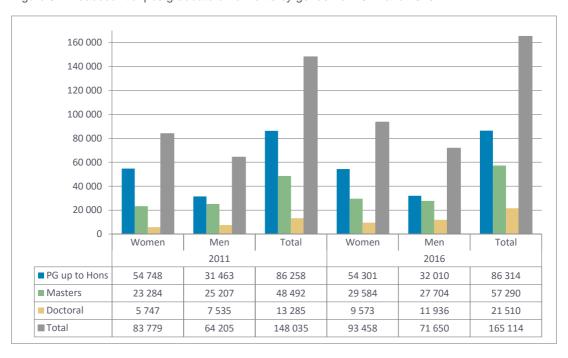


Figure 32: Headcount of postgraduate enrolments by gender for 2011 and 2016



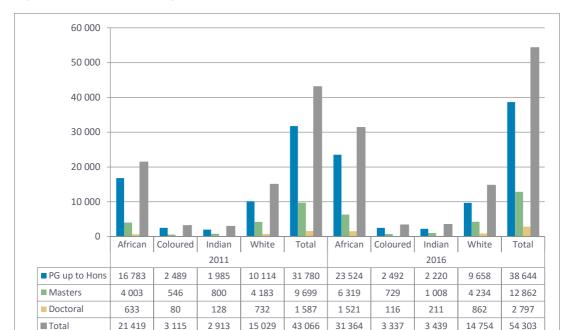
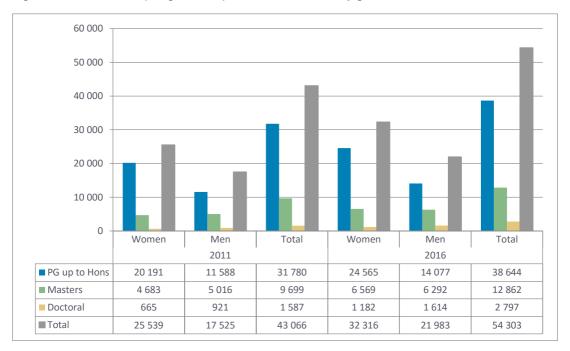


Figure 33: Headcount of postgraduate qualifications awarded by race for 2011 and 2016





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Figure 35: Headcount doctoral graduates by nationality grouping from 2011 to 2016

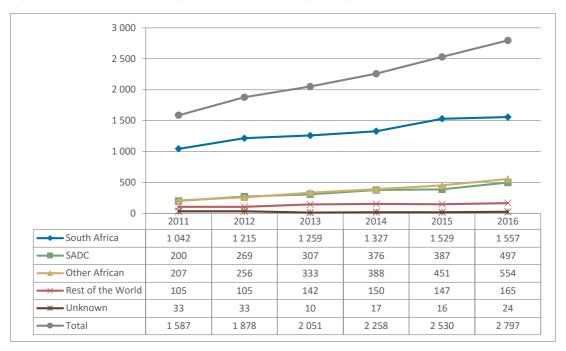
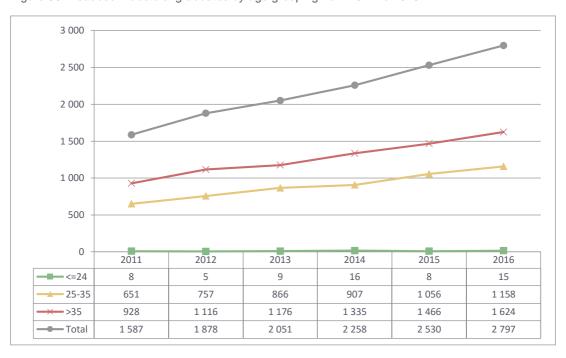
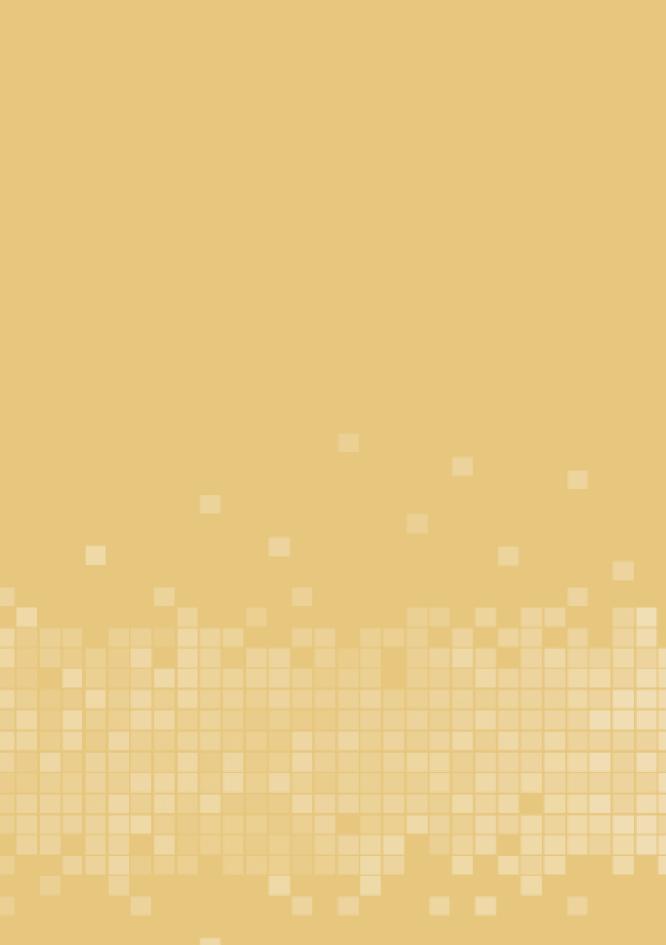


Figure 36: Headcount doctoral graduates by age grouping from 2011 to 2016



## STUDENT DATA BY FIELD OF STUDY





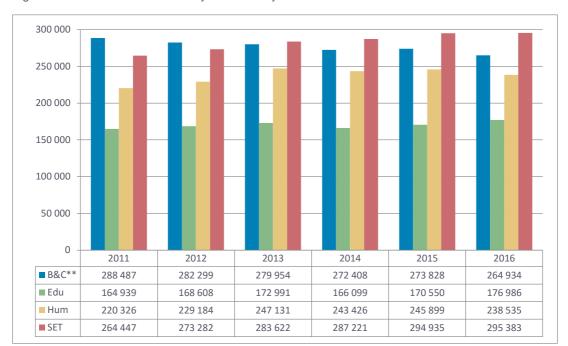
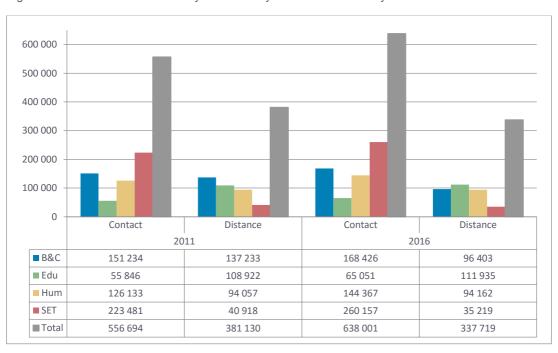


Figure 37: Headcount enrolments by field of study from 2011 to 2016\*

Figure 38: Headcount enrolments by field of study and mode of delivery for 2011 and 2016



<sup>\*</sup> The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%. The most recent HEMIS data in this section were extracted by DHET in January 2018.

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<sup>\*\*</sup> B&C: Business and Commerce; SET: Science, Engineering and Technology.

Figure 39: Headcount enrolments by field of study and race for 2011 and 2016

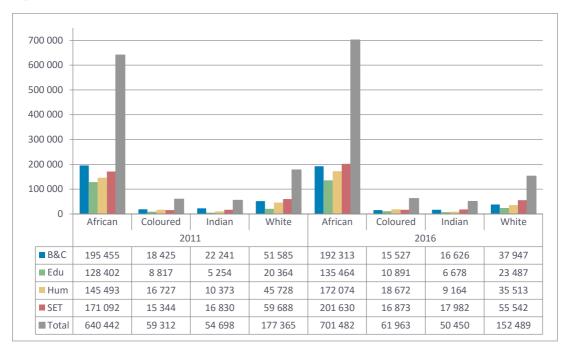
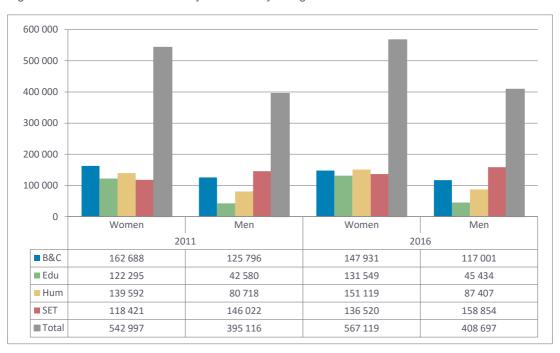


Figure 40: Headcount enrolments by field of study and gender for 2011 and 2016



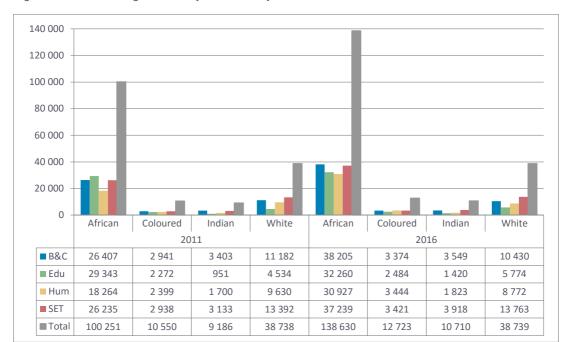
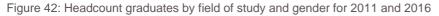


Figure 41: Headcount graduates by field of study and race for 2011 and 2016



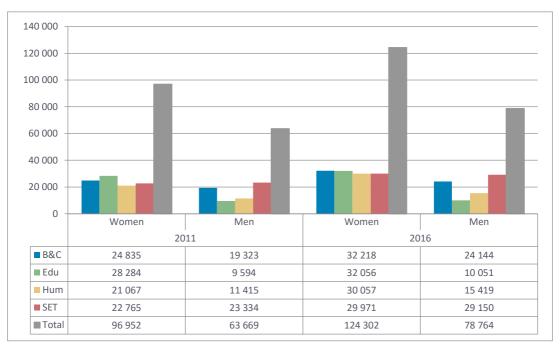


Figure 43: Course success rate by CESM for 2016\*

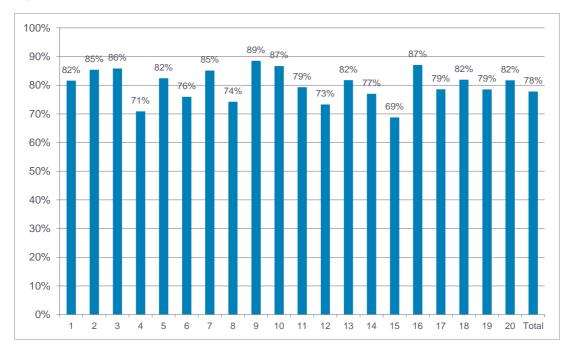
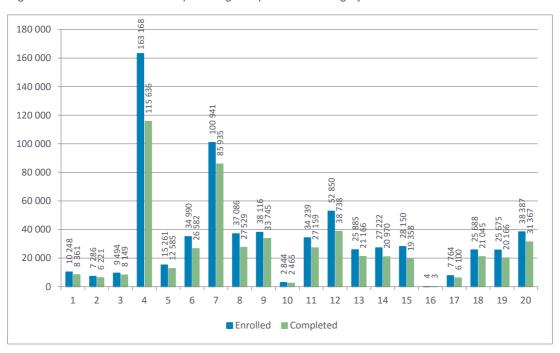


Figure 44: FTE enrolled and completed figures per CESM category for 2016



<sup>\*</sup> The CESM categories are listed in Appendix 2.

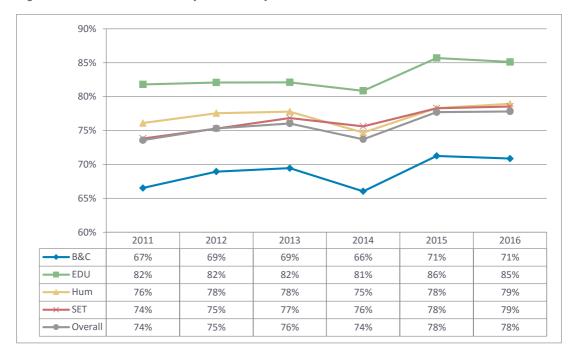
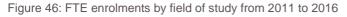


Figure 45: Course success rate by field of study from 2011 to 2016



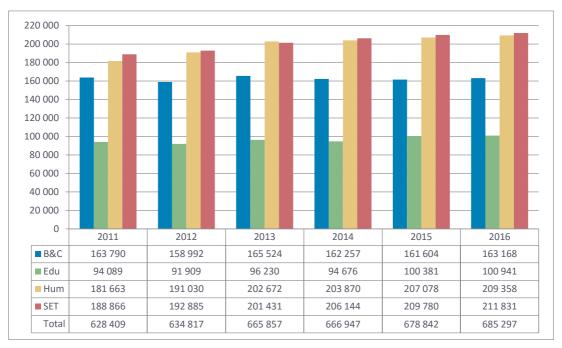


Figure 47: FTE completed by field of study from 2011 to 2016

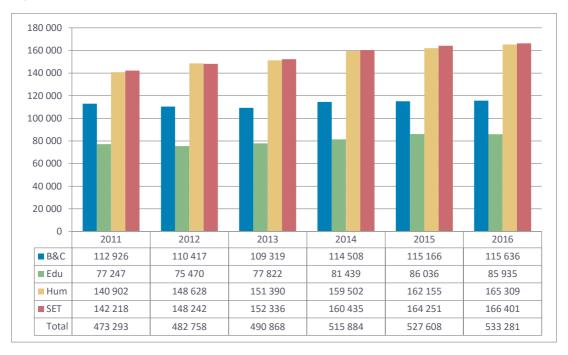
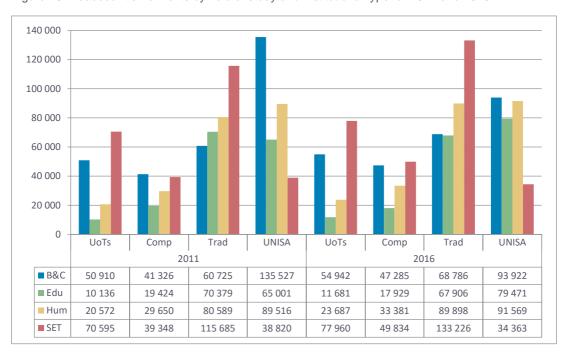


Figure 48: Headcount enrolments by field of study and institutional type for 2011 and 2016



# STUDENT DATA BY INSTITUTIONAL TYPE



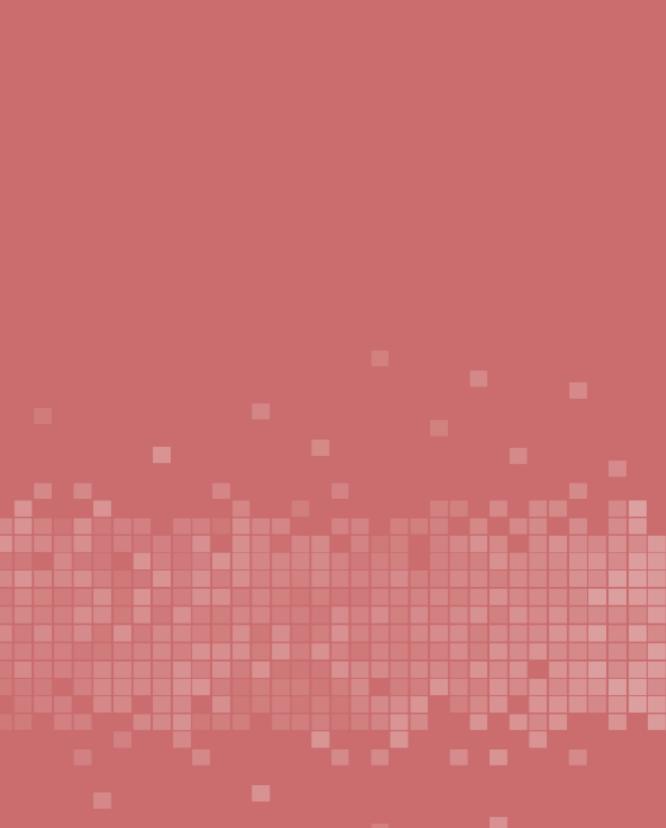
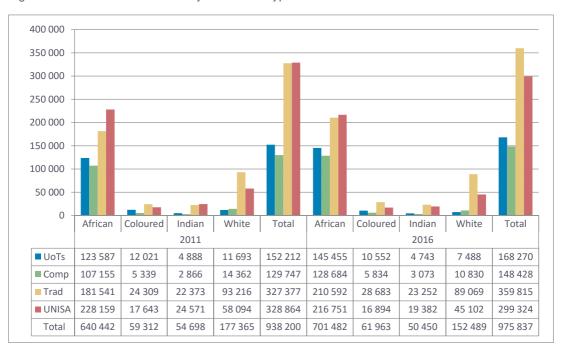




Figure 49: Headcount enrolments by institutional type from 2011 to 2016\*





<sup>\*</sup> The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%. The most recent HEMIS data in this section were extracted by DHET in January 2018.

Figure 51: Headcount enrolments by institutional type and gender for 2011 and 2016

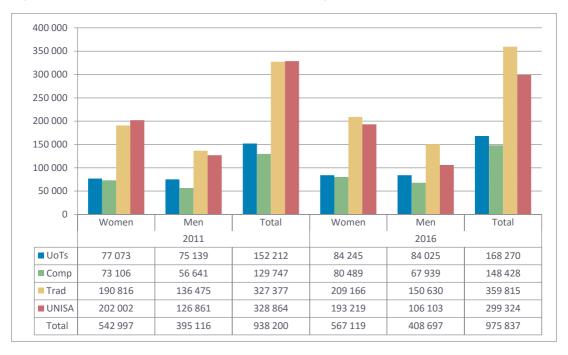


Figure 52: Headcount enrolments by institutional type and qualification level for 2011 and 2016



Figure 53: Headcount enrolments by institutional type and undergraduate qualifications for 2011 and 2016

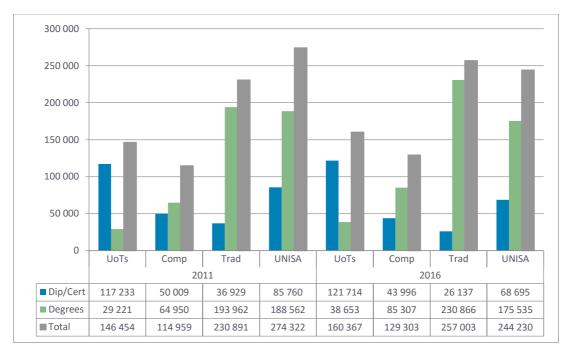


Figure 54: Headcount enrolments by institutional type and postgraduate qualifications for 2011 and 2016

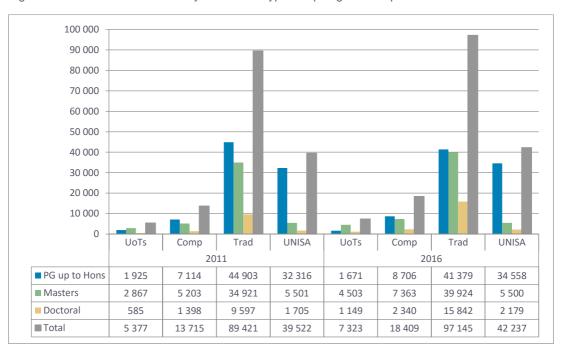


Figure 55: Headcount graduates by institutional type from 2011 to 2016

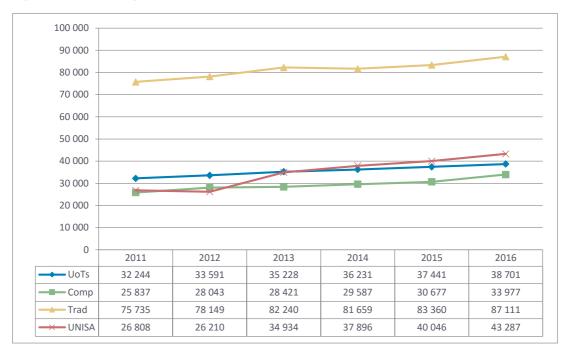
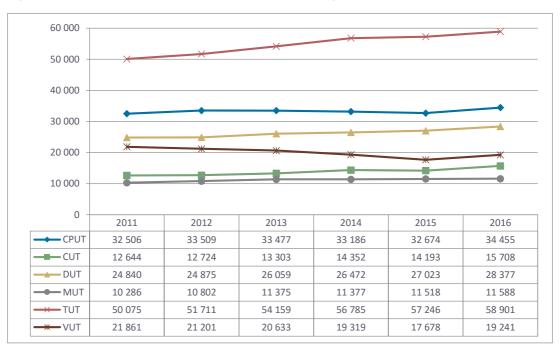
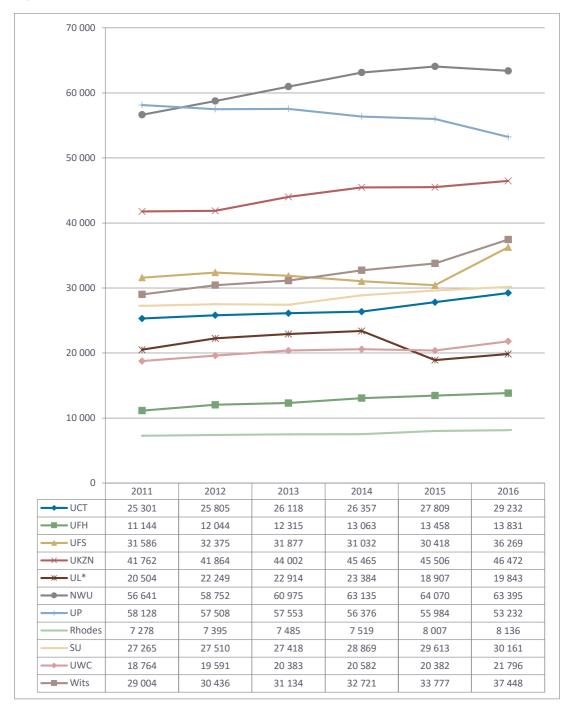


Figure 56: Headcount enrolments at Universities of Technology from 2011 to 2016





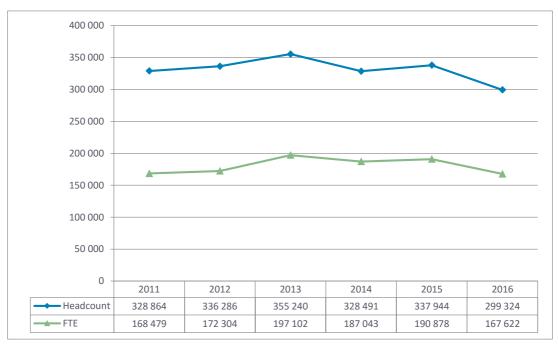


<sup>\*</sup> In 2015 SMU was formed out of UL, which is shown in the lower enrolment numbers of UL from 2015.

Figure 58: Headcount enrolments at Comprehensive Universities from 2011 to 2016 (excluding UNISA)\*



Figure 59: Headcount and FTE enrolments at UNISA from 2011 to 2016



<sup>\*</sup> New comprehensives, SPU, UMP and SMU are excluded. SPU and UMP started enrolling students from 2014. SMU started enrolling students from 2015. 2016 enrolments: SPU=703; UMP=1 268; SMU=5 402.

## STAFF COMPLEMENT

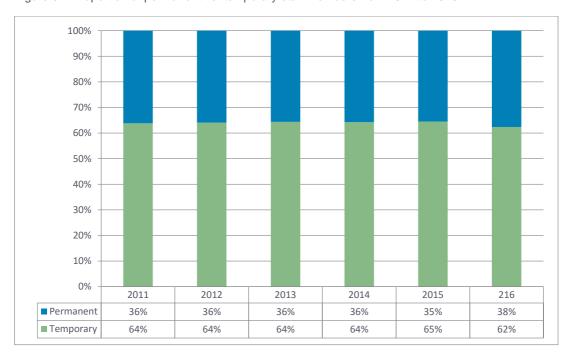


### **Overall Staffing\***

Figure 60: Headcount permanent vs. temporary staff members from 2011 to 2016



Figure 61: Proportion of permanent vs. temporary staff members from 2011 to 2016



<sup>\*</sup> The Unknown category is not displayed, but not omitted. Rounded off percentages may not always add up to 100%. The most recent HEMIS data in this section were extracted by DHET in January 2018.

Figure 62: Headcount overall staff members by race from 2011 to 2016

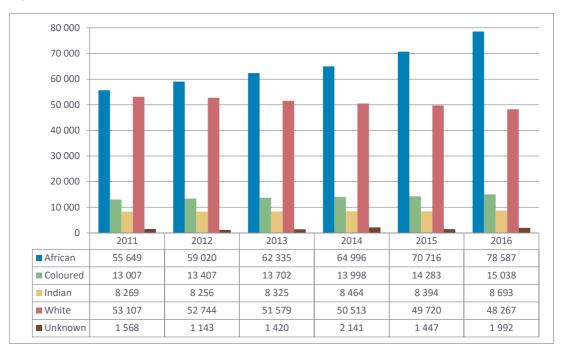


Figure 63: Headcount overall staff by gender for 2011 and 2016

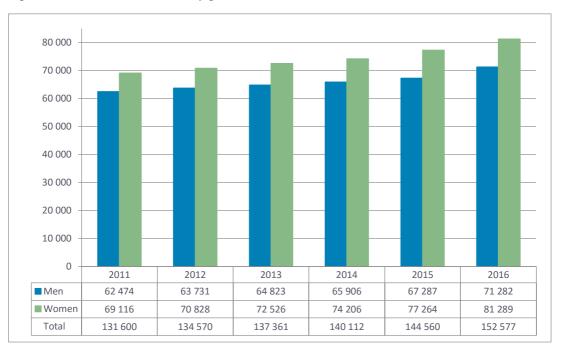


Figure 64: Headcount overall staff members by race and employment status for 2011 and 2016

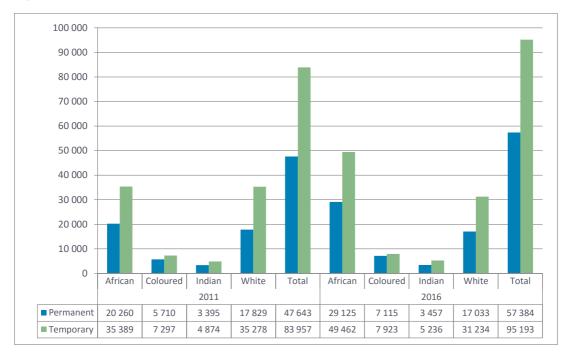
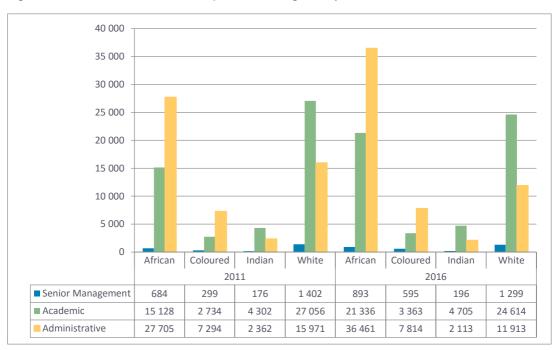


Figure 65: Headcount staff in selected personnel categories by race for 2011 and 2016



### Senior management staff

Figure 66: Headcount senior management staff by employment status from 2011 to 2016

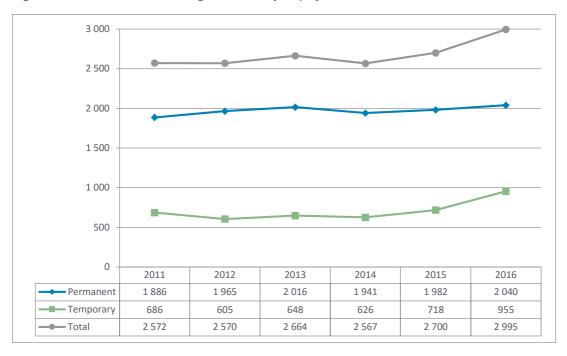


Figure 67: Proportion of permanent vs. temporary senior management staff from 2011 to 2016

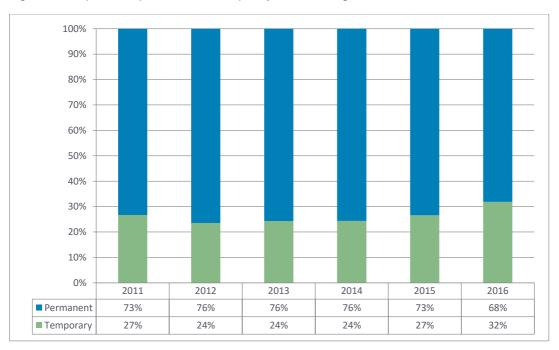


Figure 68: Headcount senior management staff members by race from 2011 to 2016

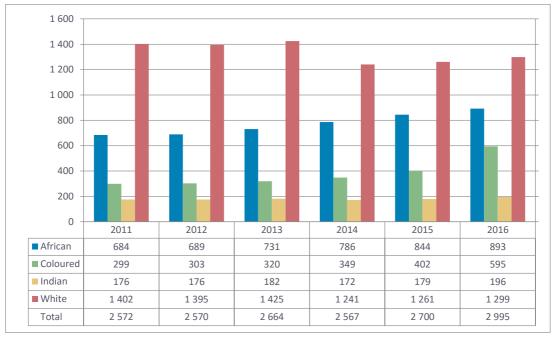
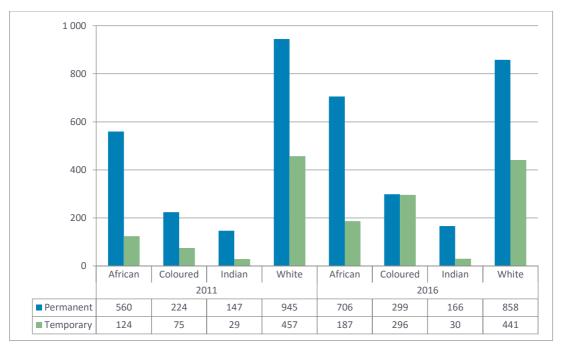


Figure 69: Headcount senior management staff members by gender from 2011 to 2016

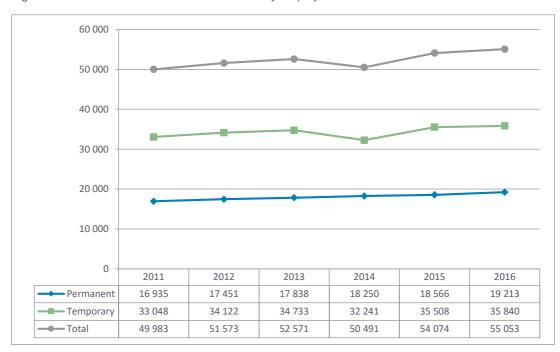


Figure 70: Headcount senior management staff members by race and employment status for 2011 and 2016



#### **Academic staff**

Figure 71: Headcount academic staff members by employment status from 2011 to 2016



100% 90% 80% 70% 60% 50% 40% 30%

2013

34%

66%

2014

36%

64%

2015

34%

66%

2016

35%

65%

Figure 72: Proportion of permanent vs. temporary academic staff members from 2011 to 2016

Figure 73: Headcount academic staff members by race from 2011 to 2016

2012

34%

66%

10%

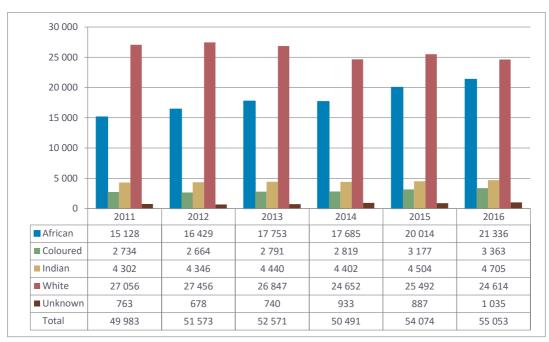
■ Permanent

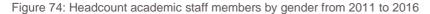
■ Temporary

2011

34%

66%





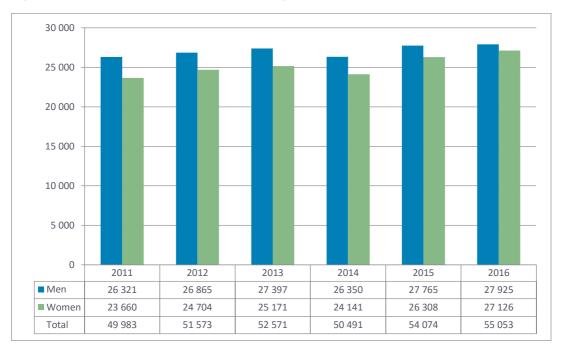
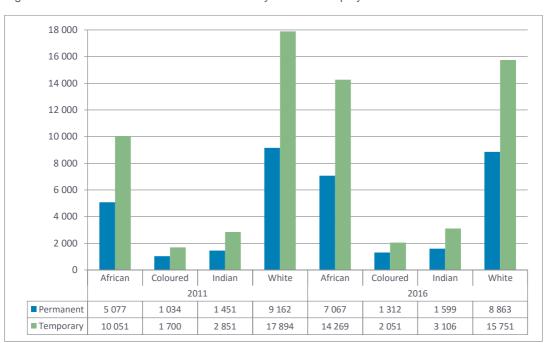


Figure 75: Headcount academic staff members by race and employment status for 2011 and 2016



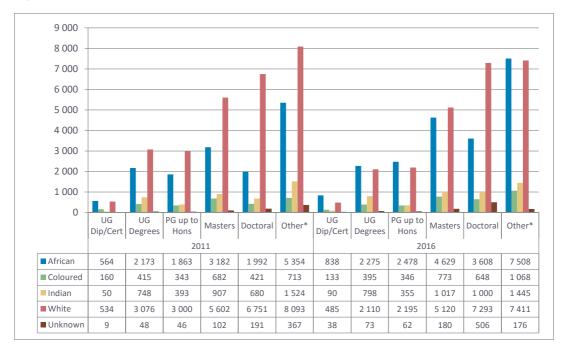
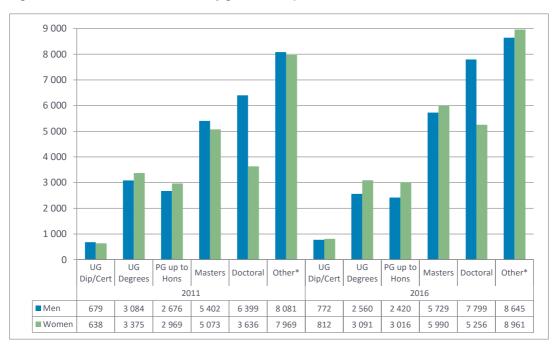


Figure 76: Headcount academic staff by race and qualification level for 2011 and 2016





<sup>\*</sup> Other includes all unknowns and qualifications labelled as other.

Figure 78: Headcount permanent academic staff by race and qualification level for 2011 and 2016

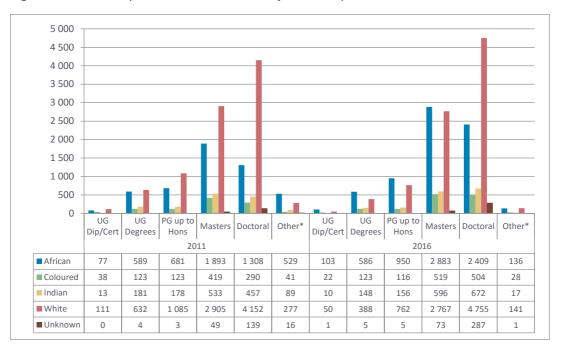
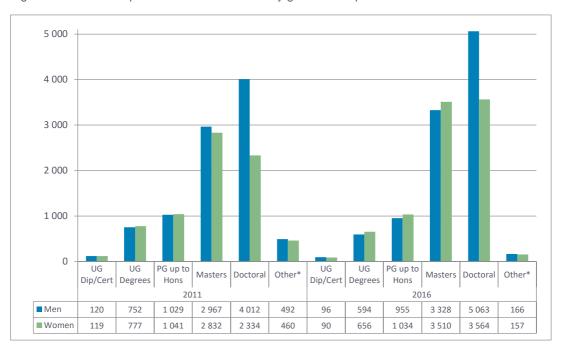


Figure 79: Headcount permanent academic staff by gender and qualification level for 2011 and 2016



<sup>\*</sup> Other includes all unknowns and qualifications labelled as other.

10 115

6 141

55 053

14 000 12 000 10 000 8 000 6 000 4 000 2 000 0 2011 2012 2013 2014 2015 2016 < 30 12 164 13 002 13 053 10 661 11 846 11 945 12 029 12 168 12 861 12 892 13 880 <del>-</del> 30-39 13 506 40-49 11 592 11 773 12 012 12 051 12 813 12 972

9 289

5 356

52 571

9 417

5 470

50 491

9 9 2 9

5 980

54 074

Figure 80: Headcount academic staff members by age grouping from 2011 to 2016

Figure 81: Headcount permanent academic staff members by age grouping from 2011 to 2016

50-59

<del>-</del>>=60

Total

9 3 7 0

4 828

49 983

9 456

5 174

51 573

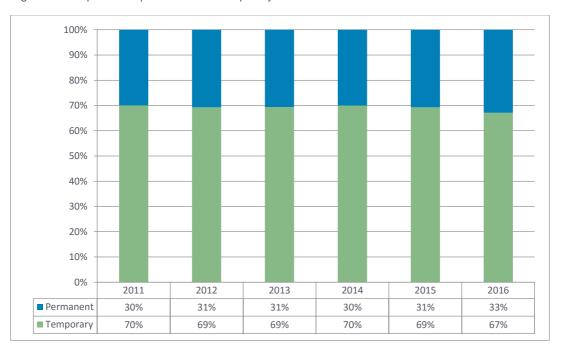


#### Administrative staff

Figure 82: Headcount administrative staff members by employment status from 2011 to 2016



Figure 83: Proportion of permanent vs. temporary administrative staff members from 2011 to 2016



40 000 35 000 30 000 25 000 20 000 15 000 10 000 5 000 0 2011 2012 2013 2014 2015 2016 African 27 705 29 106 29 961 32 204 35 460 36 461 ■ Coloured 7 294 7 571 7 725 7 857 7 765 7 814 Indian 2 362 2 209 2 149 2 3 1 8 2 227 2 113 ■ White 15 971 14 902 14 335 14 345 12 819 11 913

408

54 578

453

57 177

322

58 593

440

58 741

Figure 84: Headcount administrative staff members by race from 2011 to 2016

Figure 85: Headcount administrative staff members by gender from 2011 to 2016

237

54 025

■ Unknown

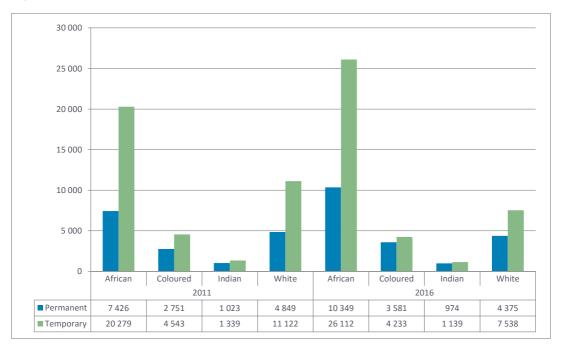
Total

348

53 680



Figure 86: Headcount administrative staff members by race and employment status for 2011 and 2016



#### Service staff

Figure 87: Headcount service staff members by employment status from 2011 to 2016\*



<sup>\*</sup> In 2016 a number of universities insourced service staff.

Figure 88: Proportion of permanent vs. temporary service staff members from 2011 to 2016

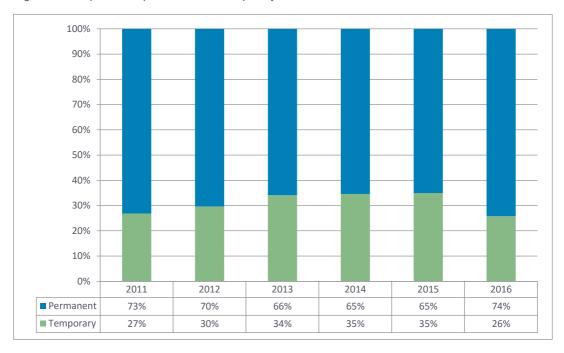


Figure 89: Headcount service staff members by race from 2011 to 2016



Figure 90: Headcount service staff members by gender from 2011 to 2016

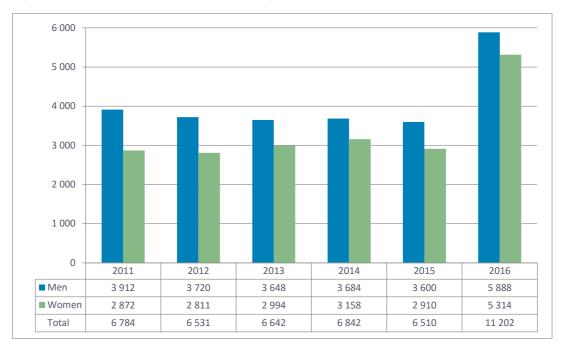
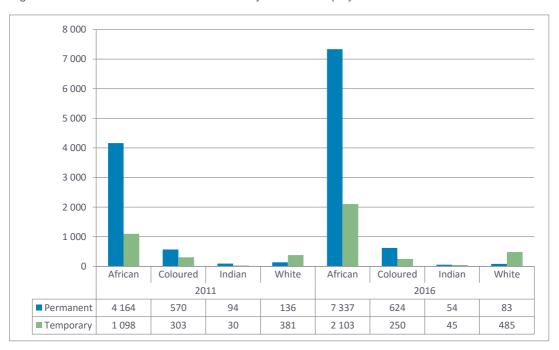


Figure 91: Headcount service staff members by race and employment status for 2011 and 2016



#### Student: staff ratios

Figure 92: FTE Student: Staff ratio from 2011 to 2016

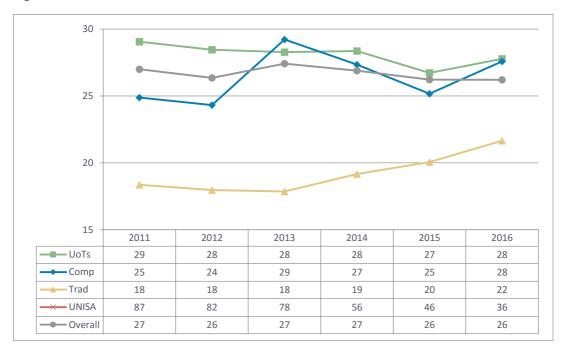
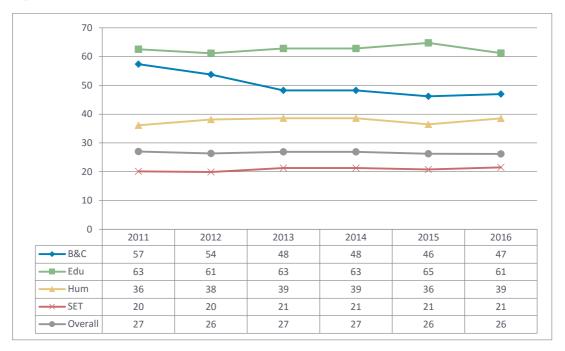


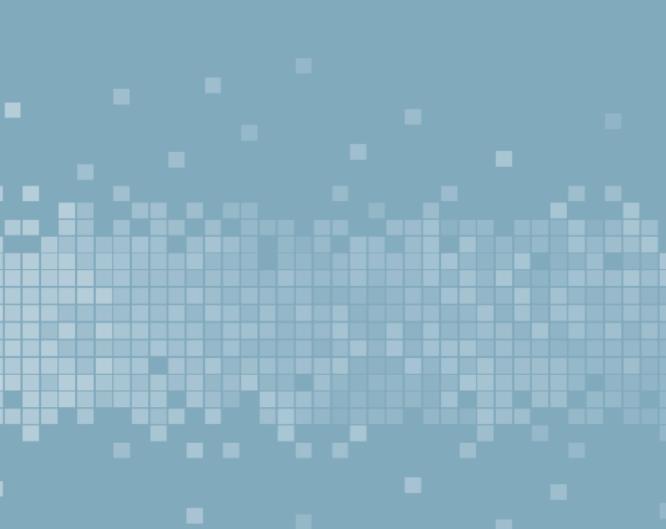
Figure 93: Headcount Student: Staff ratio for permanent and temporary academic staff together and permanent academic staff only from 2011 to 2016

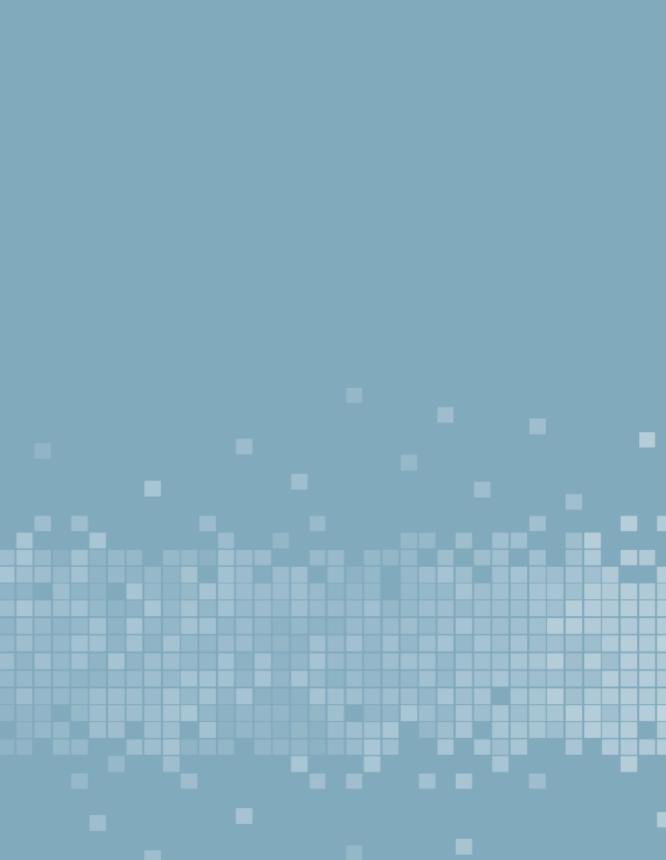


Figure 94: FTE Student: Staff ratio by field of study from 2011 to 2016



# COHORT STUDY





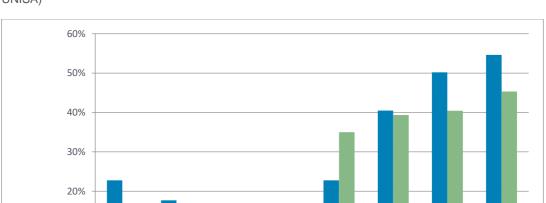


Figure 95: Throughput rates for 360-credit diplomas with first year of enrolment in 2011 (excluding UNISA)

Figure 96: Throughput rates by race for 360-credit diplomas with first year of enrolment in 2011 (excluding UNISA) - non-accumulative

2016\*

4%

5%

2013

23%

35%

2014

40%

39%

2015

50%

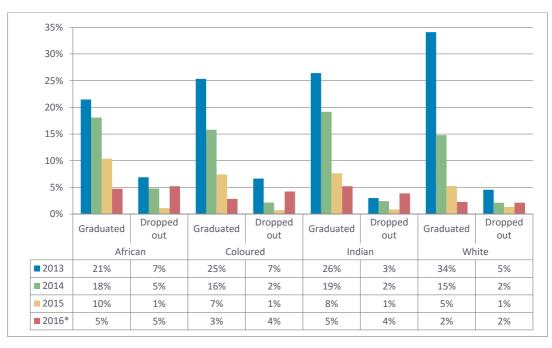
40%

accumulative

2016\*

55%

45%



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

10%

0%

■ Graduated

■ Dropped out

2013

23%

7%

2014

18%

4%

non-accumulative

2015

10%

1%

Figure 97: Throughput rates by race for 360-credit diplomas with first year of enrolment in 2011 (excluding UNISA) – accumulative

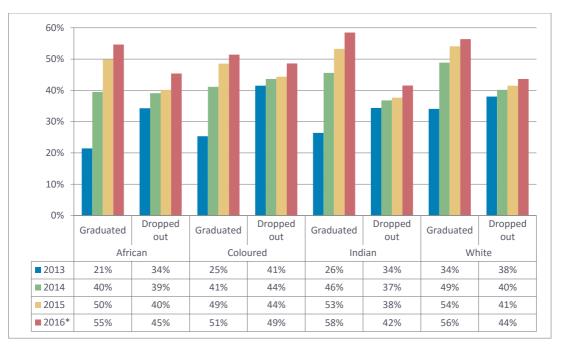


Figure 98: Throughput rates for 3-year degrees with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 99: Throughput rates by race for 3-year degrees with first year of enrolment in 2011 (excluding UNISA) - non-accumulative

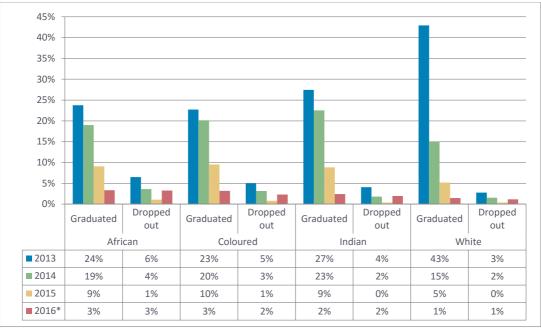


Figure 100: Throughput rates by race for 3-year degrees with first year of enrolment in 2011 (excluding UNISA) – accumulative



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 101: Throughput rates for 4-year degrees with first year of enrolment in 2011 (excluding UNISA)

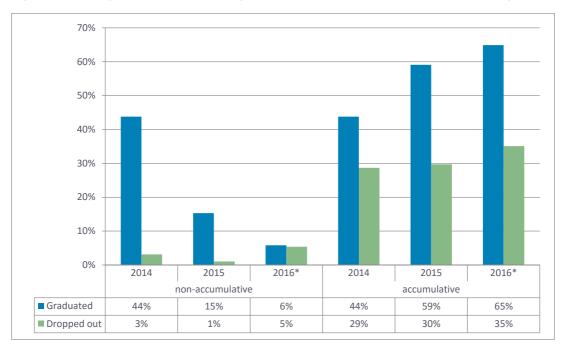
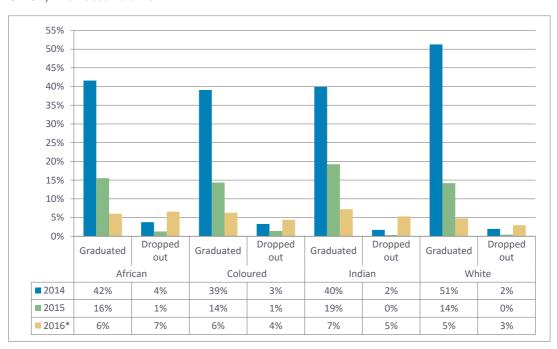


Figure 102: Throughput rates by race for 4-year degrees with first year of enrolment in 2011 (excluding UNISA) - non-accumulative



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

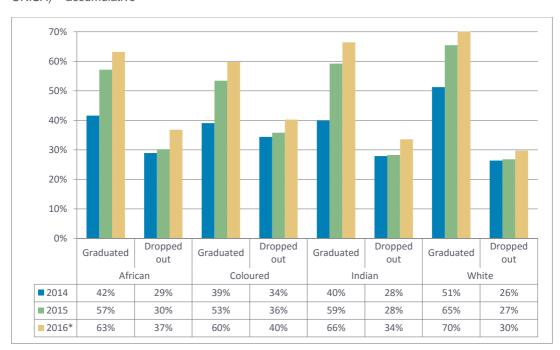
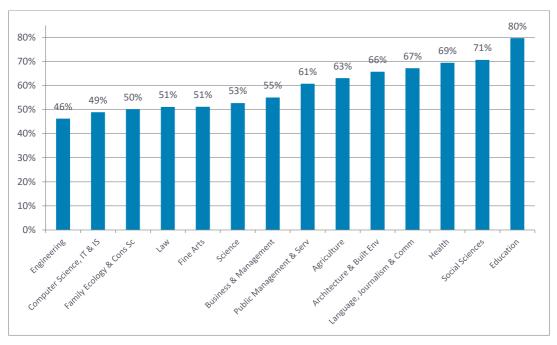


Figure 103: Throughput rates by race for 4-year degrees with first year of enrolment in 2011 (excluding UNISA) – accumulative

## 360-credit diplomas by broad field

Figure 104: Percentage of the 2011 cohort doing 360-credit diplomas that graduated in 6 years i.e. by 2016\*\*



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

<sup>\*\*</sup> A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3. Only the fields with the highest numbers are shown in the graphs for 360-credit diplomas below.

Figure 105: Headcount of the 2011 cohort doing 360-credit diplomas that graduated in 6 years i.e. by 2016

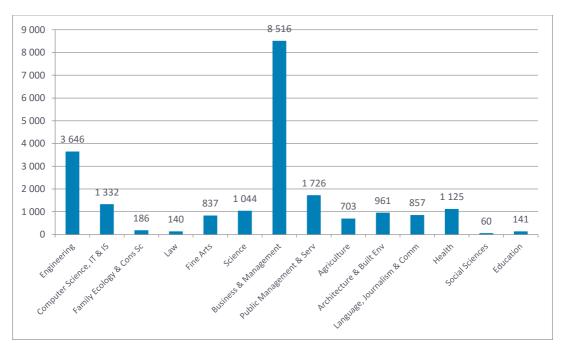
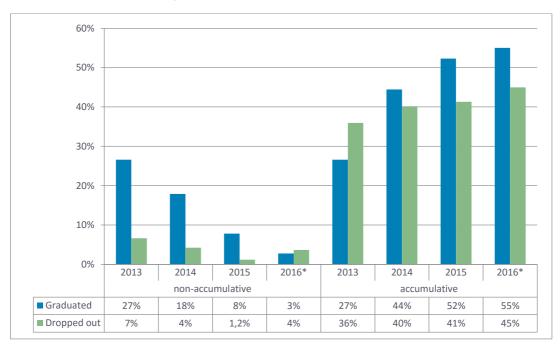


Figure 106: Throughput rates for 360-credit diplomas (Business & Management Sciences) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

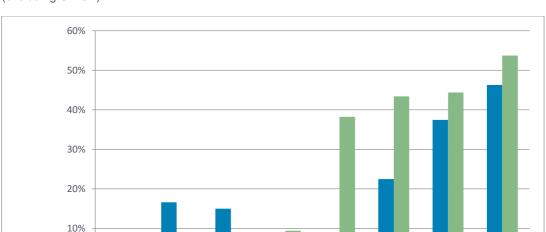


Figure 107: Throughput rates for 360-credit diplomas (Engineering) with first year of enrolment in 2011 (excluding UNISA)

Figure 108: Throughput rates for 360-credit diplomas (Public Management & Services) with first year of enrolment in 2011 (excluding UNISA)

2016\*

9%

9%

2013

6%

38%

2014

22%

43%

2015

37%

44%

accumulative

2016\*

46%

54%



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

0%

■ Graduated

■ Dropped out

2013

6%

8%

2014

17%

5%

2015

15%

1%

non-accumulative

Figure 109: Throughput rates for 360-credit diplomas (Computer Science, Information Technology & Information Systems) with first year of enrolment in 2011 (excluding UNISA)

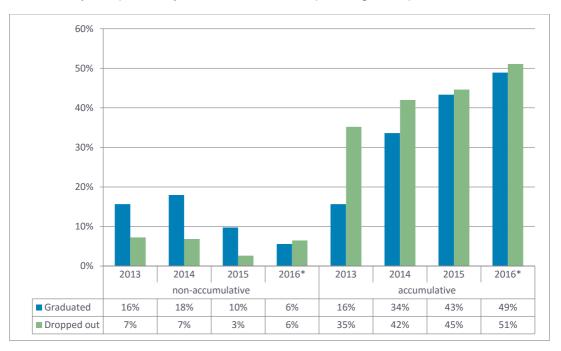
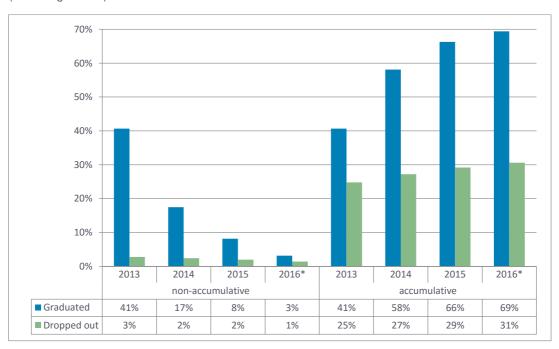


Figure 110: Throughput rates for 360-credit diplomas (Health) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

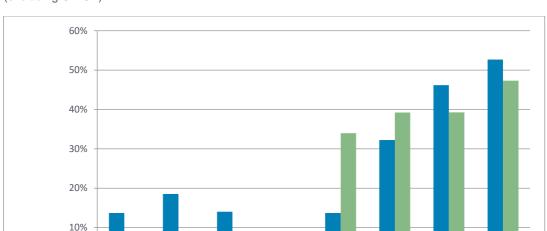


Figure 111: Throughput rates for 360-credit diplomas (Science) with first year of enrolment in 2011 (excluding UNISA)

## 3-year degrees by broad field\*\*

2014

19%

5%

0%

■ Graduated

■ Dropped out

2013

14%

7%

Figure 112: Percentage of the 2011 cohort doing a 3-year degree that graduated in 6 years i.e. by 2016

2016\*

7%

8%

2014

32%

39%

2015

46%

39%

accumulative

2016\*

53%

47%

2013

14%

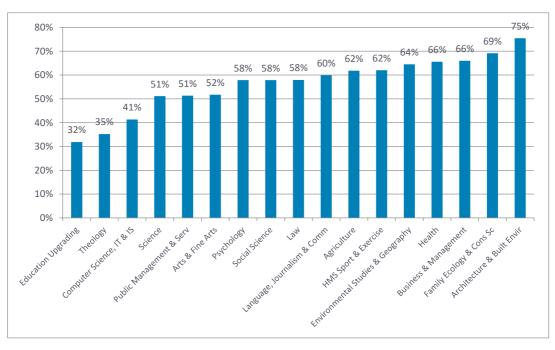
34%

2015

14%

0%

non-accumulative



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

<sup>\*\*</sup> A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3. Only the fields with the highest numbers are shown in the graphs for 3-year degrees below.

Figure 113: Headcount of the 2011 cohort doing a 3-year degree that graduated in 6 years i.e. by 2016

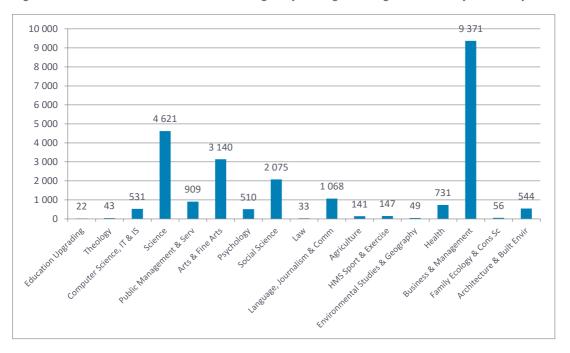
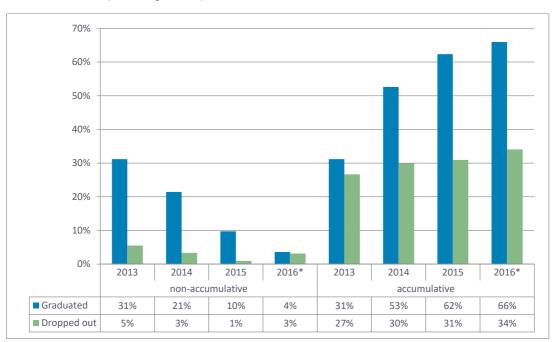


Figure 114: Throughput rates for 3-year degrees (Business & Management Sciences) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.



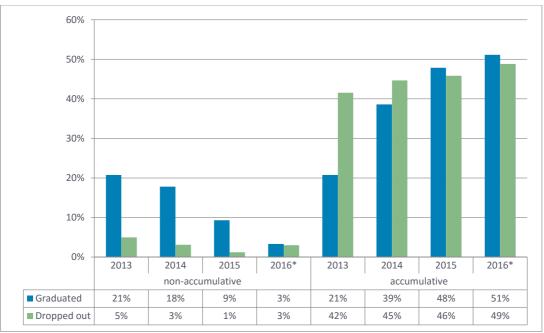
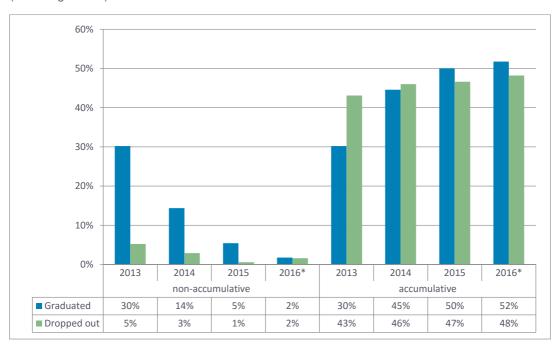


Figure 116: Throughput rates for 3-year degrees (Arts and Fine Arts) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 117: Throughput rates for 3-year degrees (Social Science) with first year of enrolment in 2011 (excluding UNISA)

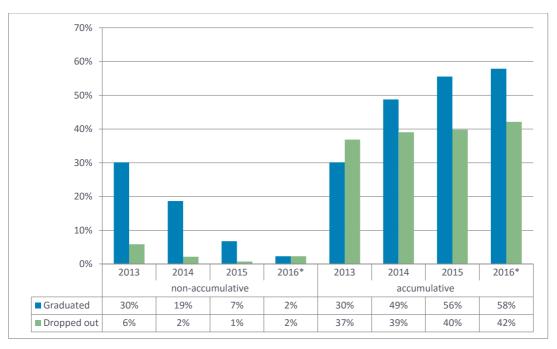


Figure 118: Throughput rates for 3-year degrees (Language, Journalism & Communication) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

## 4-year degrees by broad field\*

Figure 119: Percentage of the 2011 cohort doing 4-year degrees that graduated in 6 years i.e. by 2016

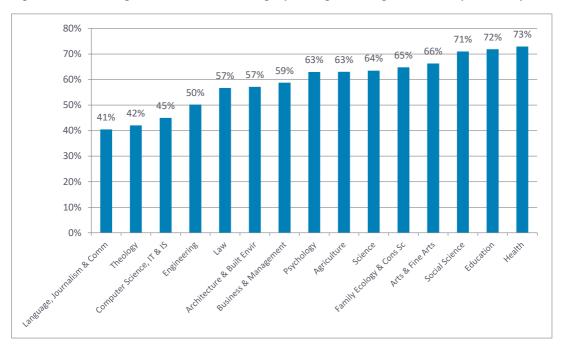
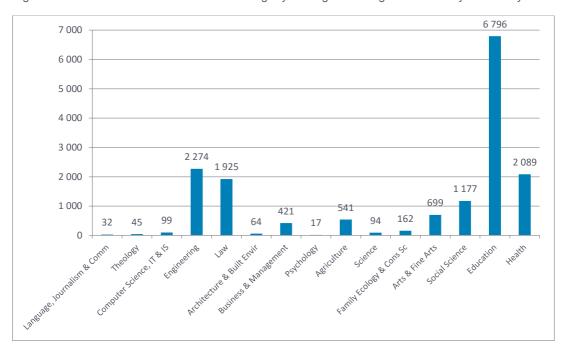


Figure 120: Headcount of the 2011 cohort doing 4-year degrees that graduated in 6 years i.e. by 2016



<sup>\*</sup> A detailed list of the specific knowledge areas included for each broad field can be found in Appendix 3. Only the fields with the highest numbers are shown in the graphs for 4-year degrees.

Figure 121: Throughput rates for 4-year degrees (Education) with first year of enrolment in 2011 (excluding UNISA)

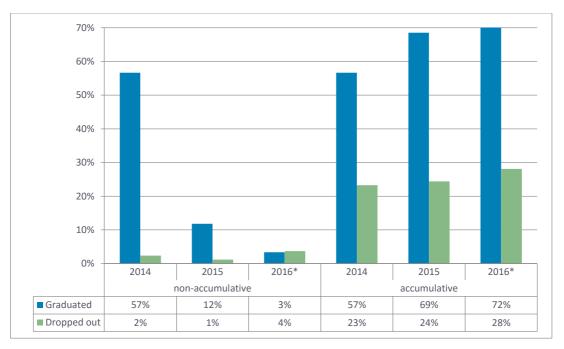
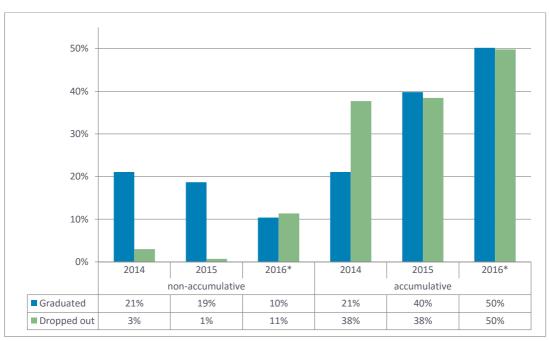


Figure 122: Throughput rates for 4-year degrees (Engineering) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

accumulative

66%

23%

73%

27%

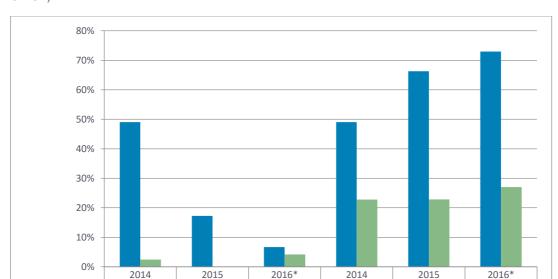


Figure 123: Throughput rates for 4-year degrees (Health) with first year of enrolment in 2011 (excluding UNISA)

Figure 124: Throughput rates for 4-year degrees (Law) with first year of enrolment in 2011 (excluding UNISA)

7%

4%

49%

23%

non-accumulative

17%

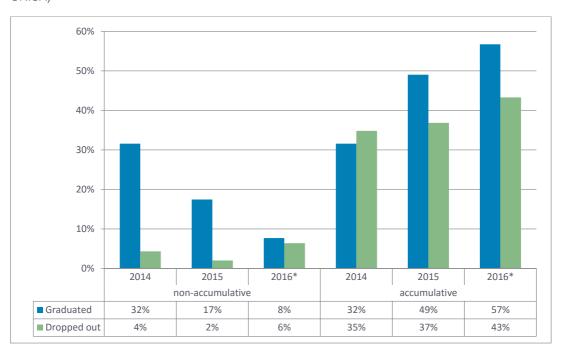
0%

49%

2%

■ Graduated

■ Dropped out



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 125: Throughput rates for 4-year degrees (Social Science) with first year of enrolment in 2011 (excluding UNISA)

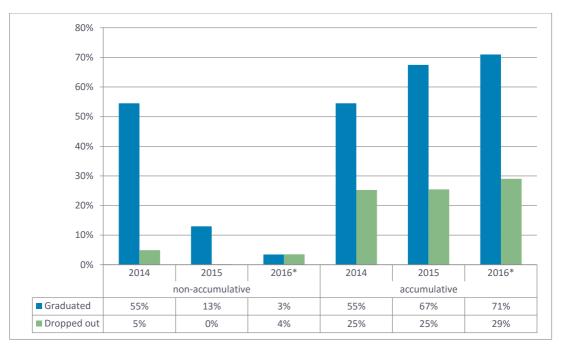
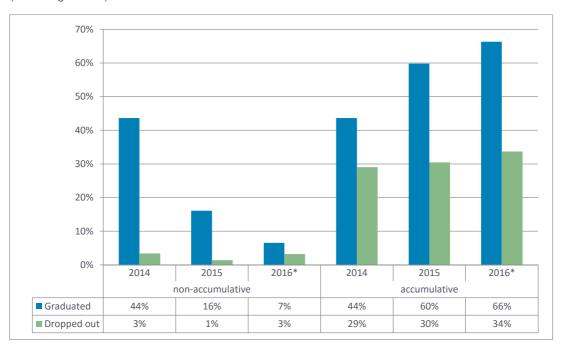


Figure 126: Throughput rates for 4-year degrees (Arts & Fine Arts) with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 127: Throughput within regulation time up to n+2 years for 360-credit diplomas, 3-year degrees, 4-year degrees and weighted national rate with first enrolment in 2011 (excluding UNISA)

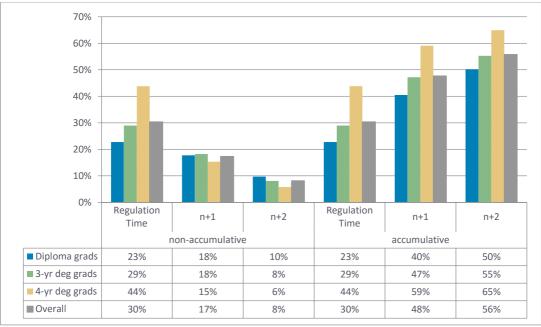


Figure 128: Non-accumulative throughput comparisons of 2009, 2010 and 2011 cohorts finishing within regulation time up to n+2 years for 360-credit diplomas, 3-year degrees, 4-year degrees and weighted national rate (excluding UNISA)

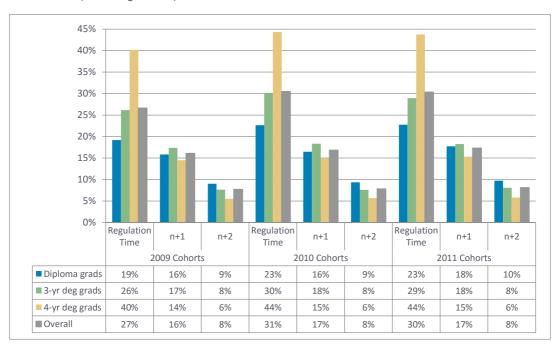


Figure 129: Accumulative throughput comparison of 2009, 2010 and 2011 cohorts finishing within regulation time up to n+2 years for 3-year diplomas, 3-year degrees, 4-year degrees and weighted national rate (excluding UNISA)

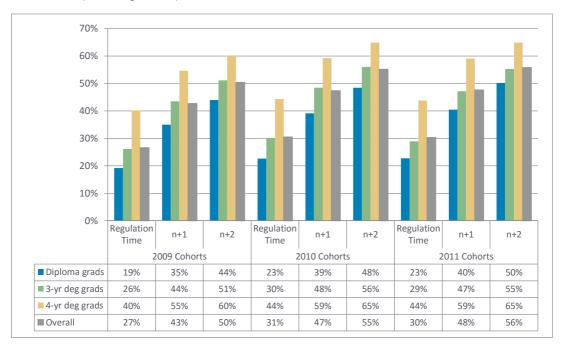
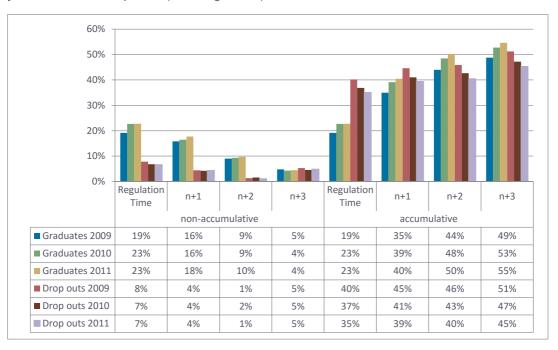
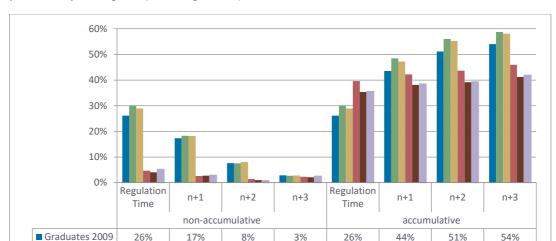


Figure 130: Throughput comparison of 2009, 2010 and 2011 cohorts from regulation time up to n+3 years for 360-credit diplomas (excluding UNISA)





■ Graduates 2010

■ Graduates 2011

■ Drop outs 2009

■ Drop outs 2010

■ Drop outs 2011

30%

29%

5%

4%

5%

18%

18%

3%

3%

3%

8%

8%

1%

1%

1%

Figure 131: Throughput comparison of 2009, 2010 and 2011 cohorts from regulation time up to n+3 years for 3-year degrees (excluding UNISA)

Figure 132: Throughput comparison of 2009, 2010 and 2011 cohorts from regulation time up to n+2 years for 4-year degrees (excluding UNISA)

3%

3%

2%

2%

3%

30%

29%

40%

35%

36%

48%

47%

42%

38%

39%

56%

55%

44%

39%

39%

59%

58%

46%

41%

42%

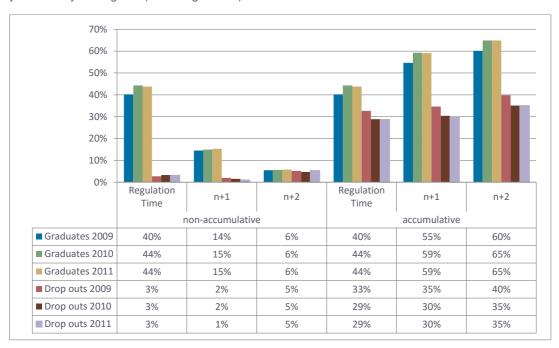


Figure 133: Throughput rates at UNISA for 360-credit diplomas with first year of enrolment in 2009

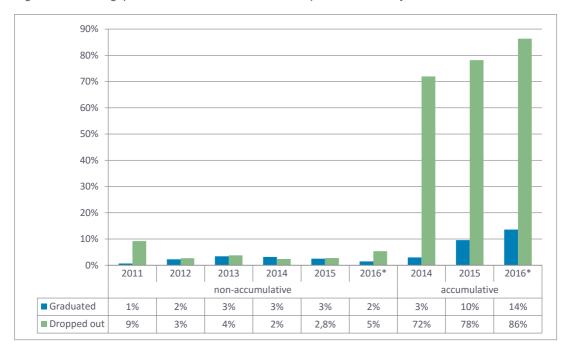
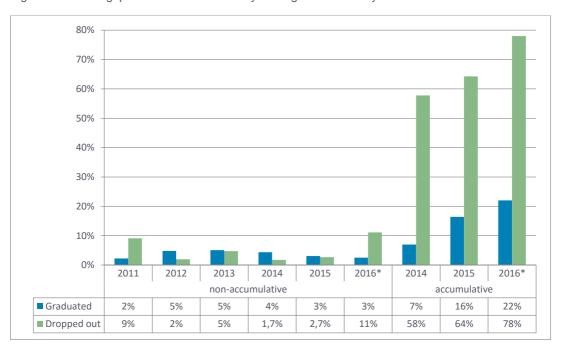


Figure 134: Throughput rates at UNISA for 3-year degrees with first year of enrolment in 2009



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

<sup>\*\*</sup> The different mode of study (distance and often part-time) at the University of South Africa (UNISA), impacts on the time it takes a student to graduate. These completion rates cannot be compared to those for the sector as a whole.

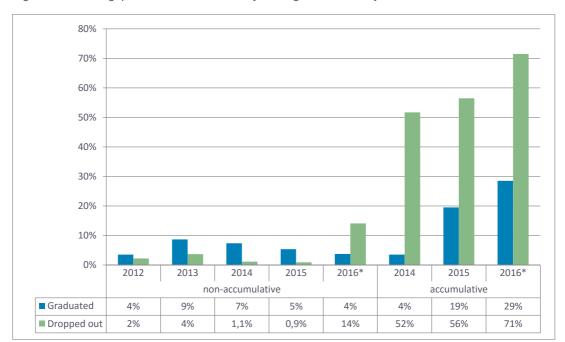
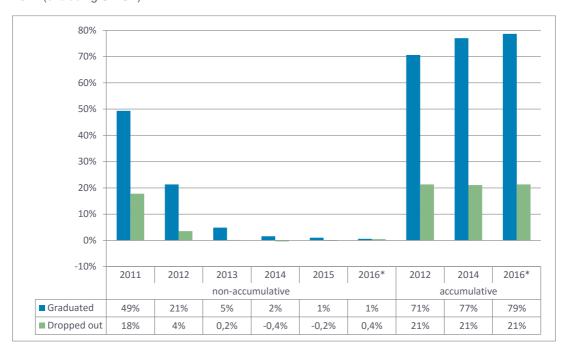


Figure 135: Throughput rates at UNISA for 4-year degrees with first year of enrolment in 2009

#### **Postgraduates**

Figure 136: Throughput rates for postgraduate diplomas or certificates with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

The negative percentages (e.g. -0.4) show those students that returned after stopping out.

Figure 137: Percentage of the 2011 cohort doing postgraduate diplomas or certificates that graduated in 3 years i.e. by 2013 (excluding UNISA)

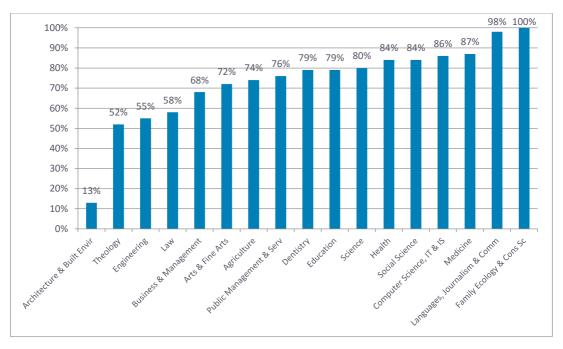
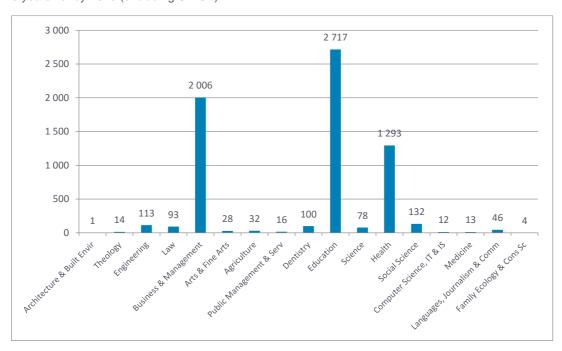


Figure 138: Headcount of the 2011 cohort doing postgraduate diplomas or certificates that graduated in 3 years i.e. by 2013 (excluding UNISA)



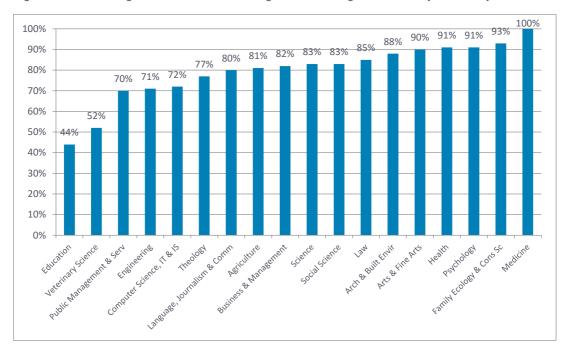
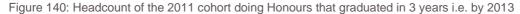
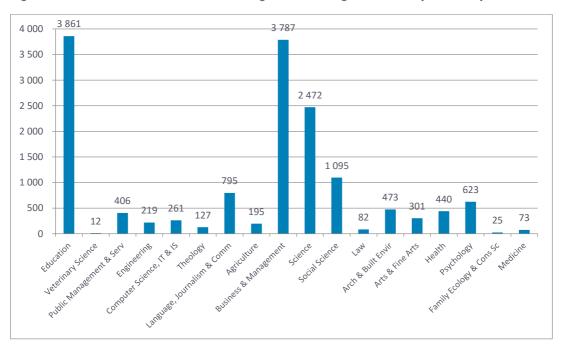


Figure 139: Percentage of the 2011 cohort doing Honours that graduated in 3 years i.e. by 2013







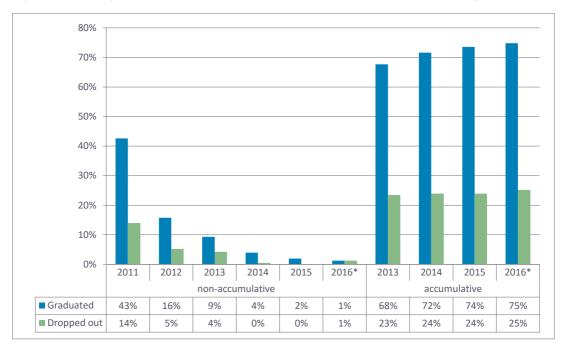
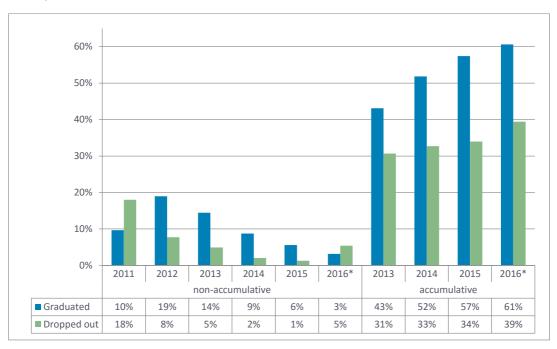


Figure 142: Throughput rates for coursework Masters with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 143: Percentage of the 2011 cohort doing coursework Masters that graduated in 4 years i.e. by 2014

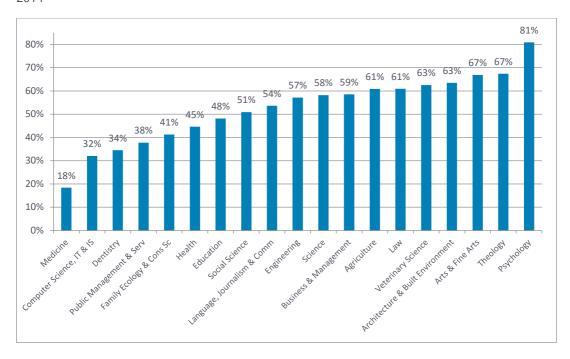


Figure 144: Headcount of the 2011 cohort doing coursework Masters that graduated in 4 years i.e. by 2014

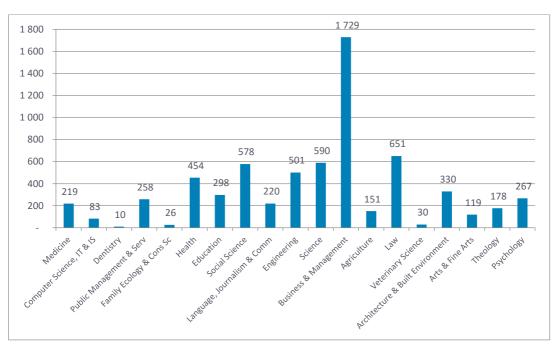


Figure 145: Percentage of the 2011 cohort doing research Masters that graduated in 4 years i.e. by 2014

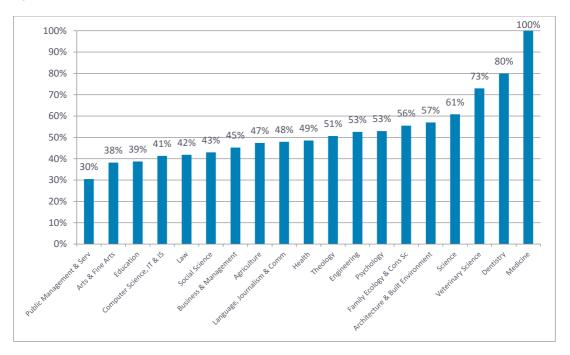
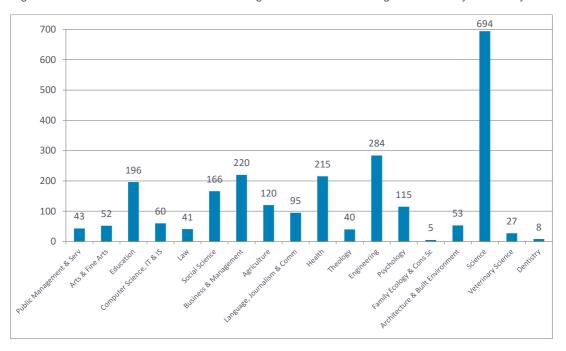


Figure 146: Headcount of the 2011 cohort doing research Masters that graduated in 4 years i.e. by 2014





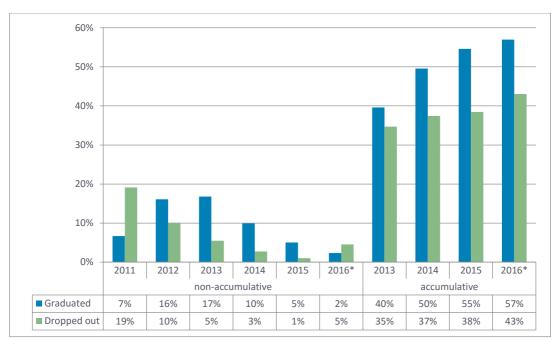
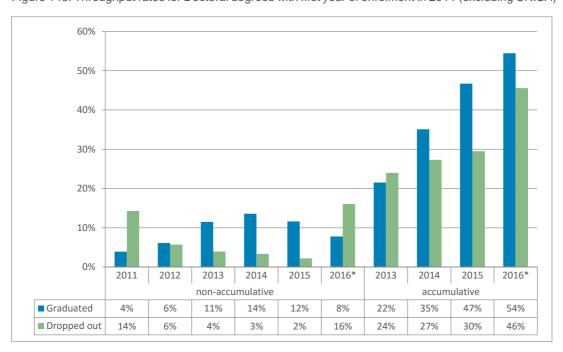


Figure 148: Throughput rates for Doctoral degrees with first year of enrolment in 2011 (excluding UNISA)



<sup>\*</sup> There may be potential graduates remaining in the system after 2016.

Figure 149: Percentage of the 2011 cohort doing Doctoral degrees that graduated in 6 years i.e. by 2016

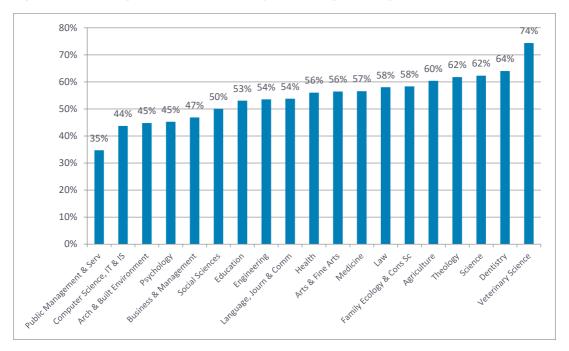
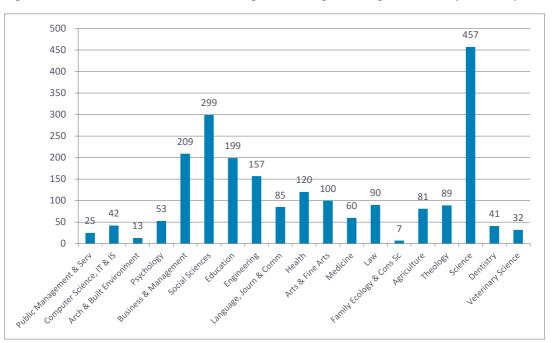
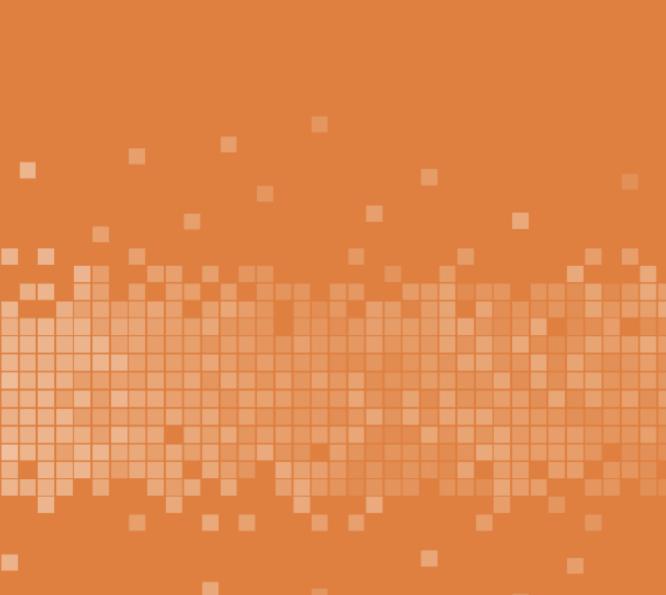


Figure 150: Headcount of the 2011 cohort doing Doctoral degrees that graduated in 6 years i.e. by 2016



# FINANCIAL DATA





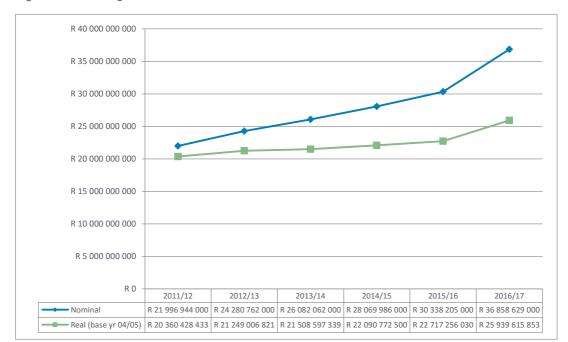
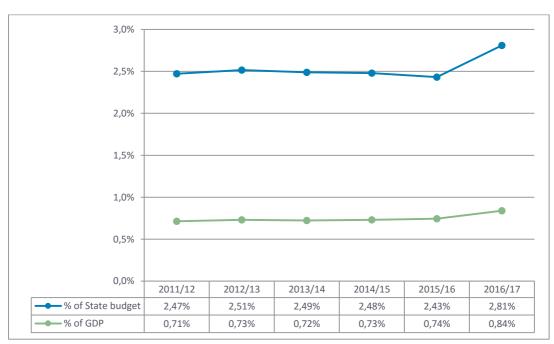


Figure 151: Funding allocated to universities in real and nominal terms for 2011/12 to 2016/17\*

Figure 152: Funding allocated to universities as a percentage of GDP and of state budget respectively from 2011/12 to 2016/17



<sup>\*</sup> Source: DHET: University State Budgets: Public Report March 2016 and 2017. 2004/05 is used as the base year for determining real vs. nominal currency values, Based on Real GDP at 2010 prices (Previous reports used Real GDP at 2005 prices).

Figure 153: Proportion of block to earmarked funding (including NSFAS allocation) from 2011/12 to  $2016/17^*$ 

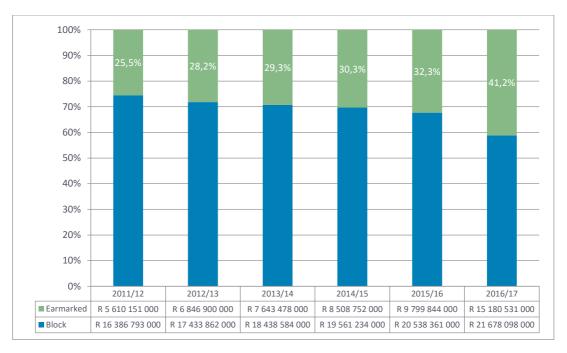
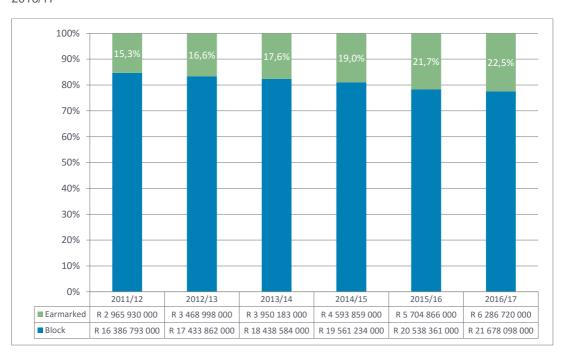


Figure 154: Proportion of block to earmarked funding (excluding NSFAS allocation) from 2011/12 to 2016/17



<sup>\*</sup> Source: DHET: University State Budgets: Public Report March 2016 and 2017.

Figure 155: Disaggregated funding for NSFAS, teaching grants, research grants and other grants from 2011/12 to 2016/17\*

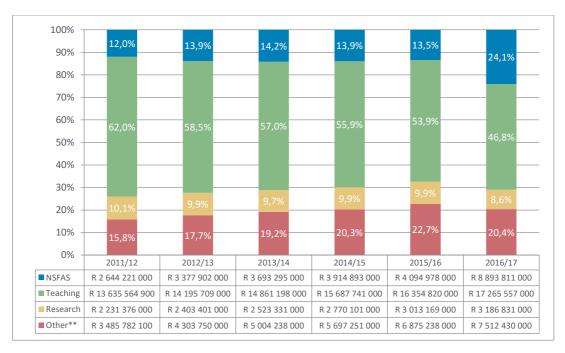
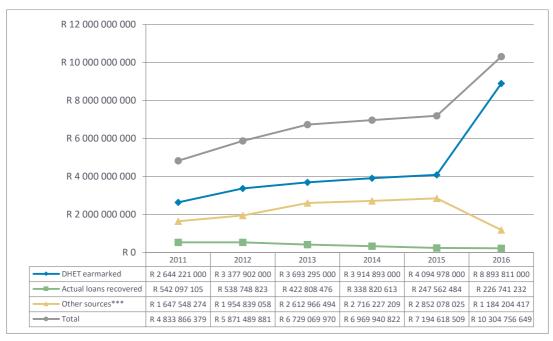


Figure 156: NSFAS funding for university students only from 2011 to 2016



<sup>\*</sup> Source: DHET: University State Budgets: Public Report March 2017 and data provided by NSFAS from the memorandum of the Parliamentary Office Internal Question Paper 11 of 2015, NSFAS annual reports.

<sup>\*\*</sup>Other includes: Institutional Factor grants, Infrastructure & Output efficiencies allocations, allocations for the two new universities, Foundation provision grants, grants for clinical and veterinary sciences and grants to institutions such as AIMS and NIHSS.

<sup>\*\*\*</sup>Other sources include: universities, DBE, NSF, other government departments, private sector, and other sources of funding.

Figure 157: NSFAS Student Awards (in thousands) from 2011 to 2016\*

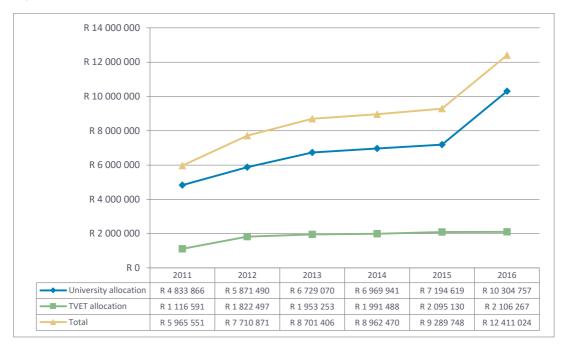
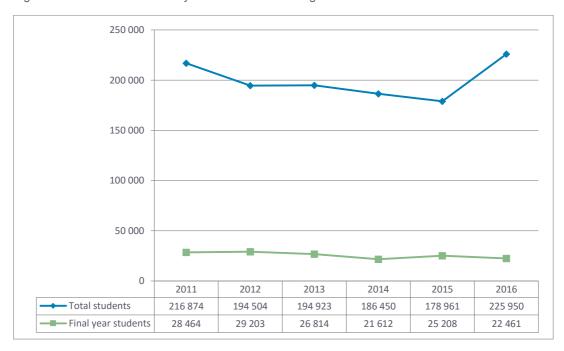


Figure 158: Headcount university students funded through NSFAS from 2011 to 2016\*



<sup>\*</sup> Source: NSFAS Annual Reports from 2012 to 2017



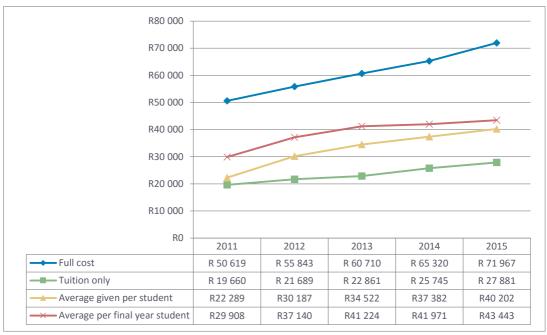
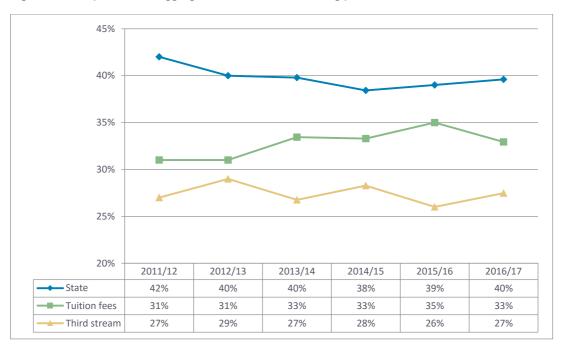


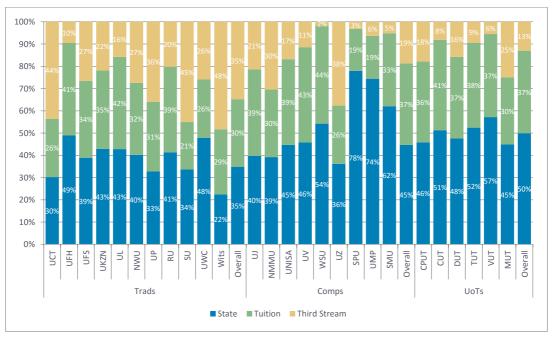
Figure 160: Proportional disaggregation of institutional funding per source from 2011/12 to 2016/17 \*\*



<sup>\*</sup> NSFAS full cost of study report August 2015 and the NSFAS annual reports from 2011 to 2016.

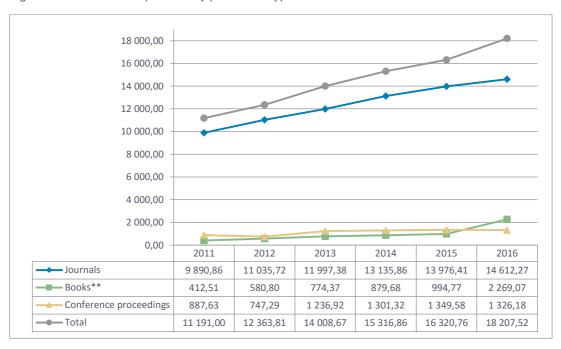
<sup>\*\*</sup>Audited financial statements of the universities for the period 2011/12 to 2016/17. Pretoria: DHET.

Figure 161: Proportion of institutional funding per source and institutions grouped by type 2016\*



### Research Funding\*\*

Figure 162: Research output units by publication type from 2011 to 2016



<sup>\*</sup> Audited financial statements of the universities for the period 2011/12 to 2016/17. Pretoria: DHET.

The number of units for a full book has been increased to 10 units to encourage book publications. The significant increase in book publications in 2016 is as a result of the increase in the number of units.

<sup>\*\*</sup> Source: Ministerial statements on higher education funding and research output reports produced by DHET.

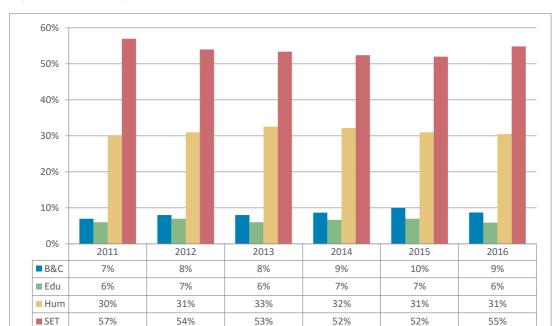
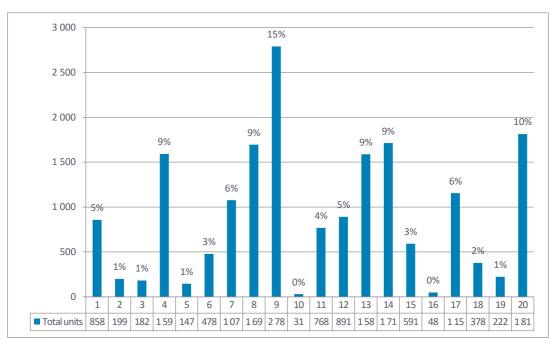


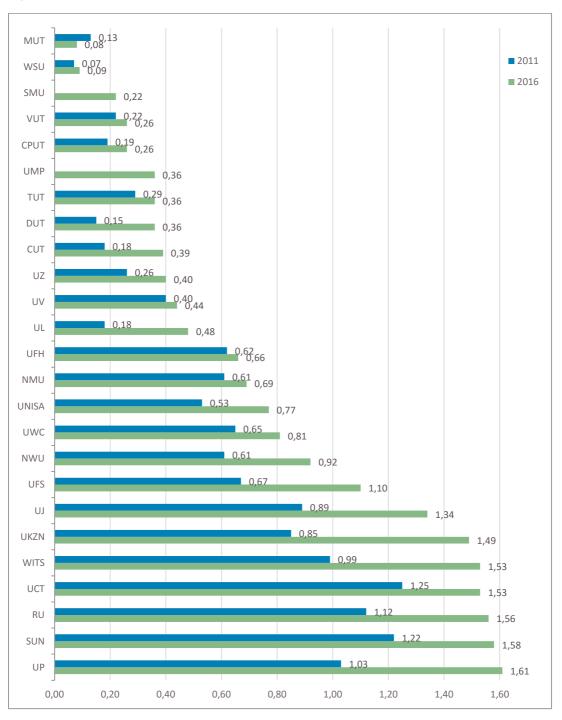
Figure 163: Percentage research output units (all publication types) by broad field from 2011 to 2016\*

Figure 164: Per capita and percentage research output units (all publication types) by CESM for 2016\*



<sup>\*</sup> Source: Ministerial report on the evaluation of the universities' research publication outputs 2017. The CESM categories are listed in Appendix 2.





<sup>\*</sup> Source: Ministerial report on the evaluation of the universities' research publication outputs 2013 and 2017.

# Appendix 1:

## Institutions by institutional type

### Traditional Universities

North-West University (NWU)

Rhodes University (RU)

University of Cape Town (UCT)

University of Fort Hare (UFH)

University of the Free State (UFS)

University of KwaZulu-Natal (UKZN)

University of Limpopo (UL)

University of Pretoria (UP)

University of Stellenbosch (SU)

University of the Western Cape (UWC)

University of the Witwatersrand (Wits)

## Comprehensive Universities

Nelson Mandela University (NMU)

Sefako Makgatho Health Sciences University (SMU)

Sol Plaatije University (SPU)

University of Johannesburg (UJ)

University of Mpumalanga (UMP)

University of South Africa (UNISA)

University of Venda (UV)

University of Zululand (UZ)

Walter Sisulu University (WSU)

## Universities of Technology

Cape Peninsula University of Technology (CPUT)

Central University of Technology (CUT)

Durban University of Technology (DUT)

Mangosuthu University of Technology (MUT)

Tshwane University of Technology (TUT)

Vaal University of Technology (VUT)

# **Appendix 2:**

# Classification of Educational Subject Matter (CESM) categories

CESM 01:	Agriculture, Agricultural Operations and Related Sciences
CESM 02:	Architecture and the Built Environment
CESM 03:	Visual and Performing Arts
CESM 04:	Business, Economics and Management Studies
CESM 05:	Communication, Journalism and Related Studies
CESM 06:	Computer and Information Sciences
CESM 07:	Education
CESM 08:	Engineering
CESM 09:	Health Professions and Related Clinical Sciences
CESM 10:	Family Ecology and Consumer Sciences
CESM 11:	Languages, Linguistics and Literature
CESM 12:	Law
CESM 13:	Life Sciences
CESM 14:	Physical Sciences
CESM 15:	Mathematics and Statistics
CESM 16:	Military Sciences
CESM 17:	Philosophy, Religion and Theology
CESM 18:	Psychology
CESM 19:	Public Management and Services
CESM 20:	Social Sciences

## **Appendix 3:**

# Cohort methodology and list of specific knowledge areas included in the broad fields used in the cohort study

## Methodological note for cohort analysis

Based on CESM categories and qualifiers, qualifications were recoded into uniform qualification names for the purpose of uniformity and to reduce the number of groups to be analysed. These groupings are shown in this Appendix.

Student cohorts were then defined and identified as follows:

- At undergraduate level (for first qualifications), a cohort comprised the first-time entering students in a particular year, in the relevant qualification group who were selected as the new entrants.
- For honours and postgraduate diplomas and certificates the cohort comprised new entrants made
  up of students from all three categories; namely, first-time entering, transfer and entering.
- For masters and doctoral students all students who had not been enrolled in the previous year were deemed to be new entrants.

Any student in a cohort who graduated before the minimum expected duration of a qualification was deleted from the cohort on the assumption that the entrance category of the student was incorrect, or that the student had carried credits into the qualification being analysed.

Two types of analyses were performed:

- 1. Where cohort analyses were performed by uniform qualification name, any student who discontinued his/her studies in a particular uniform qualification during the period analysed was counted as a drop-out for that particular uniform qualification classification.
- 2. An analysis was also done ignoring the uniform qualification classification, and any student who qualified in the same qualification type i.e. degree or diploma of any sort, was counted as a successful graduate. This analysis showed slightly higher completion rates. Students who discontinued their studies in the qualification type being analysed and who moved to a different qualification type e.g. from a degree to a diploma, were seen as a dropout for the degree, but a completion for the diploma.

In both analyses, students who discontinued their studies during the period of analysis and then returned (stop-outs) were discounted against the number of drop-outs in the year that they returned. This accounts for the negative dropout numbers shown in some graphs. They were counted as successful if they graduated during the period analysed.

UNISA's cohort analyses are complicated by the fact that large numbers of students interrupt their studies for a number of years.

\*Please note that all extended programmes were included in these groupings as they are too complex to exclude.

#### **Uniform Name Classifications**

## 360-credit Diplomas

#### Agriculture

Agricultural Management, Agriculture, Animal Health, Animal Production, Equine Science, Fisheries Resource Management, Food Technology, Forestry, Game Ranch Management, Horticulture, Pulp and Paper Technology, Turf Grass Management, Wood Technology.

#### **Architecture and Built Environment**

Architecture, Architectural Technology, Building, Building Surveying, Landscape Technology, Surveying, Town and Regional Planning.

#### Arts and Fine Arts

Ceramic Design, Dance, Drama, Fashion Design and Technology, Fashion, Film and Television Production, Film and Video Technology, Fine Art, Graphic Design, Human Sciences, Interior Design, International Communication, Journalism, Jewellery Design and Manufacture, Journalism, Language Practice, Media Studies, Motion Picture Production, Multimedia, Music, Musical Theatre, Opera, Performing Arts Technology, Photography, Surface Design, Three Dimensional Design, Translation and Interpreting Practice, Vocal Art.

#### **Business and Management Sciences**

Accounting, Administrative Management: General/ Financial, Company Administration, Adventure Tourism Management, Business Administration, Business Communication, Business Management, Commercial Administration, Commercial Practice, Cost and Management Accounting, Credit Management, Credit Management, Economic Management Accounting, Economics Management, Entrepreneurship, Event Management, Finance and Accounting, Financial Information Systems, Hospitality Management, Human Resources Management/ Development, Import and Export Management, Internal Auditing, Inventory and Stores Management, Labour Relations, Logistics, Management of Training, Management Sciences, Management Services, Management, Maritime Studies, Marketing, Office Management and Technology, Office Management, Open Space and Recreation Management, Operations Management, Organisational & Work Study: Factories, Organisational Leadership, Packaging and Printing Management, Personnel Management, Printing Management, Production Management, Productions and Operations Management, Public Relations Management, Purchase Management, Purchasing Management, Recreation Management, Retail Business Management, Secretarial: Office Administration, Small Business Management, Sport Administration and Marketing, Sport Management, Travel and Tourism.

#### Computer Science, Information Technology and Information Sciences

Computer Studies, Computer Systems, Information Technology (Business Applications, Communication Network, Software Development, Technical Applications).

#### Education

Adult Basic Education and Training, College HE Education (Commerce), Education (FET): Specialisation, Education (GET): Foundation Phase, Education (GET): Intermediate and Senior Phase, Education (Home Economics), Education (Natural Sciences), Education (Technical), Junior Primary Teachers, Secondary Teachers (Technical), Secondary Teachers, Senior Primary Teachers.

#### Engineering

Chemical, Civil (Provision), Civil, Coal Mining, Electrical (Light Cur), Electrical (Provision), Electrical, Engineering Computer Systems, Explosives Management, Industrial (Provision), Industrial, Marine Engineering, Mechanical, Mechatronics, Metalliferous Mining, Metallurgy, Mine Engineering, Mine Surveying, Mineral Surveying, Science Engineering and Technology, Surface Mining.

## **Family Ecology and Consumer Sciences**

Catering Management, Child and Youth Development, Clothing Management, Clothing Production, Clothing, Consumer Sciences: Food & Nutrition, Food and Beverage Management, Food and Consumer Sciences, Food and Nutrition, Food Service Management, Textile Design, Textile Technology, Wet Processing, Textile Technology: Dry Processing.

#### Health

Biomedical Technology, Chiropractic, Clinical Technology, Dental Technology, Emergency Medical Care, Environmental Health, Health Services Administration, Homoeopathy, Medical Orthotics and Prosthetics, Medical Technology, Optical Dispensing, Optometry, Podiatry, Radiography: Diagnostic, Radiography: Nuclear Medicine, Radiology: Somatology, Radiology: Therapy, Radiology: Ultrasound, Veterinary Technology.

#### Law

Civil Law Administration, Deeds Registration Law, Labour Relations, Legal Assistance, Registration of Deeds.

#### **Public Management and Services**

Contact Centre Management, Correctional Services Management, Government Finance, Local Government Finance, Local Government Management, Police Administration, Policing, Public Accounting, Public Management and Administration, Public Management, Public Relations Management, Road Traffic and Municipal Police Management, Safety Management, Security Management, Security Risk Management, Traffic Safety Management.

#### Science

Analytical Chemistry, Biotechnology, Cartography, Computer Studies, Computer Systems, Environmental Management, Environmental Sciences, Explosive Technology, Extraction Metallurgy, Fire Service Technology, Fire Technology, Fuel Technology, Geology, Geotechnology, Information Technology, Information Technology: Business Applications, Information Technology: Communication Network, Information Technology: Software Development, Information Technology: Technical Applications, Mathematical Technology, Meteorology, Nature Conservation, Non Destructive Testing, Oceanography, Officiating and Coaching Science, Plastic Technology, Polymer Technology, Rubber Technology, Sport and Exercise Technology, Water Care.

#### **Social Science**

Archival Studies, Community Extension, Library and Information Practice, Library and Information Studies.

## 3-year Degrees

#### **Arts and Fine Arts**

Combinations of: Applied Leisure Science, Arts, Art History, Audio Visual Production Management, Cognitive Science, Combined Arts, Community Development, Conservation, Culture & Arts, Culture & Heritage Tourism Management, Culture, Design, Development Studies, Digital Media Design, Drama, Economics, Environmental Planning, Environmental Studies, Film and Television Studies, Fine Arts, Geographical Sciences, Geography, Human Movement Science, Human Resource Development, Humanities, Industrial Design, Interior Design, International Relations, International Studies, Islamic Studies, Labour Relations, Law, Leadership, Life skills and Counselling, Marketing Research, Music, Pastoral Guidance, Performance Studies, Philosophy, Physical Education, Policy Studies, Political Leadership and Citizenship, Politics, Psychology, Public Administration, Religion, Social and Marketing Research, Social Research, Social Sciences, Social Work Society, Sociology, Sport & Exercise, Sport Coaching, Sport Development, Sport Psychology, Sport Recreation & Exercise Science, Theatre Studies, Tourism and Sustainable Development, Tourism Development, Tourism Management, Visual Arts, Visual Culture Studies.

#### Languages, Journalism and Communication

Afrikaans, , Audio-visual Communication, Communication, Communication Science, Corporate Communication, Creative Writing, Dutch, English, French, German, Greek, Hebrew, IsiZulu, Journalism, Languages, Language Practice, Latin, Linguistics, Marketing, Media Studies, Sesotho, Sign Language.

#### Agriculture

Agribusiness Management, Agricultural Administration, Agricultural Economics, Agricultural Enterprise Management, Agricultural Extension and Rural Resources Management, Agricultural Management, Agricultural Science, Agriculture Economics, Agriculture, Animal Production, Animal Production Management, Animal Science, Cellar Management, Cellar Technology, Crop Production Management, Irrigation Management, Mixed Farming Management, Plant Breeding, Plant Health Ecology, Plant Pathology, Plant Production, Wildlife Management.

#### **Architecture and Built Environment**

Architectural Studies, Architecture and the Built Environment, Construction Economics and Computer Science, Construction Economics, Construction Management Studies, Construction Studies, Housing Development, Landscape Architecture, Property Development, Quantity Surveying Studies, Surveying, Urban and Regional Planning.

#### **Business and Management Sciences**

Accounting, Accounting and Informatics, Accounting and Law, Accounting Science, Accounting, Actuarial Science, Banking, Agricultural Commerce, Applied Leisure Science Events and Facility Management, Applied Leisure Science, Auditing, Banking, Business Administration, Business Informatics, Business Information Management, Business Information Systems, Business Management, Business Studies, Chartered Accountancy, Chartered Marketing, Commerce and Communication, Commerce and Computer Science and Information Systems, Commerce and Computer Science and Statistics, Commerce and Informatics, Commerce and Information Management, Commerce and Information Systems, Commerce and Information Technology Management, Commerce and Law and Information Management, Commerce and Law, Commerce and Management Information Systems, Commerce and Statistics, Commerce, Communication Management, Cost Management, Culture and Heritage Tourism, Development Economics, Development Management, Development Studies, Economics and Econometrics, Economics and Statistics, Economics, Ecotourism Management, Entrepreneurial Management, Entrepreneurial Management, Entrepreneurship, Environmental Economics, Events Management, Finance, Financial Information Management, Financial Journalism, Financial Management. Financial Mathematics, Financial Modelling, Financial Planning, Financial Sciences, Forensic Accountancy, General Accounting, General Management, Heritage and Cultural Tourism, Hospitality Management, Human Resource Development, Human Resource Management, Industrial and Organisational Psychology, Industrial Organisational & Labour Studies, Industrial Psychology, Industrial Psychology and Human Resource Management, Information Management, Insurance, Internal Auditing, International Business, International Economics, Investment Management, Labour Relations, Leadership, Logistics and Transport Management, Logistics Management, Management Accounting, Management, Marketing and Tourism Management, Marketing Management, Marketing, Monetary Economics, Outdoor Recreation Management, Personnel Leadership, Philosophy and Economics, Planning and Development, Politics and Economics, Property Studies, Public Administration and Economics, Public Sector Information Management, Quantitative Management, Real Estate, Risk Management, Sports Management, Sport & Recreation Management, Sport and Leisure in Society, Taxation, Tourism and Indigenous Development, Tourism Development, Tourism Management, Tourism Studies, Transport and Logistics, Transport Economics, Transport Management, Transport.

#### Computer Science, Information Technology and Information Sciences

Computer Linguistics, Computer Science, Computing, Informatics, Data Communication, Geographic Information Systems, Information Technology for Industry and Mining, Information Technology Management.

#### Education

In Service Training for Foundation Phase/ Intermediate Phase and Further Education and Training, In Service Training Information and Communications Technology (ICT), In Service Training in Mathematics, Adult and Continuous Education, Computer Education.

#### Family Ecology and Consumer Sciences

Consumer Sciences, Family Ecology, Hospitality, Human Nutrition, Settlement Studies, Tourism.

#### Health

Advanced Midwife and Neonatal Nursing Science, Advance Practice Nursing, Advanced Nursing Science, Anatomy, Dietetics, Biomedical Engineering, Biomedical Sciences, Clinical Medical Practice, Clinical Practice, Community Health and Management, Community Nursing Science, Dental Therapy, Dentistry, Diagnostic Radiology, Forensic Science and Technology, Health Promotion, Health Sciences and Social Services, Health Sciences, HIV, Human Biology, Human Movement Sciences, Medical and Surgery Nursing Science, Critical Care Nursing Science, Medical Bioscience, Medical Microbiology, Medical Practice, Medical Science in Physiology, Medical Sciences, Medicine, Neonatal Nursing, Nursing Education and Management, Nursing, Nursing Science, Occupational Health Nursing Science, Oral Health, Oral Hygiene, Radiation Sciences, Radiography (Clinical), Radiography (Diagnostic).

#### Law

Criminal Justice, Law, Occupational Risk Law.

#### **Psychology**

Behavioural Genetics, Industrial Psychology, Psychology, Sport Psychology.

#### **Public Management and Services**

Administration in Human Settlements Management, Community Safety and Socio-Legal Studies, Criminal Justice, Criminology, Ethics Studies, Government Administration and Development, Human Resource Management, Industrial Psychology, Local Government Management, Local Government, Police Science, Police Studies, Policy Studies, Political Studies, Public Administration, Public Affairs, Public Finance, Public Governance, Public Management, Public Procurement Management, Public Sector Economic Policy, Public Sector Economics, Public Sector Human Resource Management, Public Sector Information Management, Public Sector Management Accounting, Public Sector Personnel Management, Rural Development Management.

#### **Science**

Abstract Mathematics, Actuarial Sciences, Agrometeorology, Applied Geology, Applied Mathematics, Applied Statistical Science, Aquatic Health, Astrophysics, Atmospheric Sciences, Biochemistry, Biodiversity, Biological Sciences, Biomedical Sciences, Biotechnology, Botany, Chemical Biology, Chemical Science, Chemical Technology, Chemistry, Community Water Management, Climate Sciences, Conservation Biology, Data Mining, Data Science, Earth Science, Ecological Sciences, Econometrics, Electronics, Entomology, Environmental and Resource Studies, Environmental Geology, Environmental Management, Environmental Rehabilitation, Environmental Sciences, Environmental Studies, Exercise Science, Exploration Geophysics, Financial Mathematics, Food Science & Technology, Forensic Science, Genetics, Geochemistry, Geography, Geographic Information Systems, Geology, Geological Science, Geosciences, Human Physiology, Hydro Sciences, Hydrobiology, Hydrology, Industrial Mathematics, Industrial Science, Informatics, Investment Sciences, Laser Physics, Life Sciences, Marine Biology, Material Science, Materials Development, Mathematical Sciences, Mathematical Statistics, Mathematics, Medical Microbiology, Medical Science, Microbiology, Mineral Sciences, Molecular Sciences, Molecule Biology, Natural Sciences, Plant Biotechnology, Polymer Sciences, Social Biology, Soil Sciences, Sport Coaching Sciences, Sports Science, Statistics, Textile Sciences, Theoretical Physics, Water Resources Management, Water Science, Zoology.

#### **Social Science**

African Studies, Anthropology, Classic Studies, Community Development, Cultural Studies, Demography, Development and Leadership, Development and Environmental Studies, Ethics and Politics and Economics, Gender Studies, Geographical Environmental Management, Governance and Political Transformation, Government Business Ethics, Heritage Studies, History, Housing, Human and Social Studies, Human and Social Dynamics, Humanities, Industrial Working Life, Information and Knowledge Management, Information Science, International Studies, Library Sciences, Philosophy and Policy and Law, Philosophy, Policy studies, Political Science and International Relations, Political Studies, Population and Development Studies, Population Studies, Social Dynamics, Social Informatics, Social Research, Social Science, Social Work, Socio Informatics, Sociology, Urban & Rural Studies, Training and Development, Youth in Development, Youth Work.

#### Theology

Bible Languages, Biblical Studies, Christian Ministries, Church Ministry, Diaconiology, Pastoral Counselling, Theological Foundations, Theology, Youth Work.

## 4 year Degrees

#### **Arts and Fine Arts**

Dance, Dramatic Arts, Fine Arts, Graphic Design, Jazz and Pop Music, Jewellery, Music Composition, Music Education, Music, Musicology, Performing Arts, Theatre, Visual Arts, Visual Communication Development.

#### **Human Movement Science and Sport & Exercise**

Human Movement Education, Physical and Health Education.

#### Languages, Journalism and Communication

Communication Studies, Development Communication, Journalism, Languages Education, Language Practice.

#### Agriculture

Agricultural Agro meteorology (Grassland Sciences, Plant Pathology, Soil Science), Agricultural Business Management, Agricultural Economics, Agricultural Education, Agricultural Management, Agriculture, Agronomy, Animal Breeding, Animal Genetics, Animal Health, Animal Production Management, Animal Production, Animal Sciences, Aquaculture, Community Agriculture, Crop Production Management, Crop Protection, Crop Science, Entomology, Food Science and Biochemistry, Food Science and Microbiology, Food Science Technology, Food Science, Forestry, Horticulture, Human Settlement

Development, Irrigation, Land-Use Planning, Meat Science, Molecular Genetics, Nursery Management, Ornamental Horticulture, Pasture Management, Pasture Sciences, Plant Breeding, Plant Production, Plant Protection, Soil Science, Vineyard and Wine Sciences, Weed Science, Wood Production, Woodwork, Wood Sciences.

#### **Architecture and Built Environment**

Architectural Studies, Architecture, Building Administration, Building, Construction Management, Land and Property Development Management, Property Studies, Quantity Surveying, Town and Regional Planning.

#### **Business and Management Sciences**

Accountancy, Accounting Science, Accounting, Actuarial Science, Banking, Business Administration, Business Communication, Business Science, Commerce Education, Development Economics, Hospitality Management, Hospitality, Management, Office Management and Technology, Planning, Recreation and Leisure Studies, SMME (Small, Medium and Micro Enterprises), Tourism.

#### Computer Science, Information Technology and Information Sciences

Computationist, Information Technology, Software Development.

#### **Dentistry**

Dental Science, Dental Surgery,

#### Education

Adult Education, Early Childhood Development, Education in Agricultural Sciences/Arts/ Biology/ Business Management/ Commerce/ Consumer Sciences/ Eco Management/ Economic and Management Sciences/ English/ Food Sciences/Geography/ Humanities/ Languages/ Life Orientation/ Life Sciences/ Mathematics/ Mathematical Literacy/ Natural Sciences/ Physical Education/ Physical Science/ Science/ Social Sciences/ Technical/ Technology/ Textiles, Further Education and Training, General Education and Training (Foundation Phase/ Intermediate or Senior Phase), Pedagogics, Pre-primary Education, Primary Education, Secondary Education.

#### Engineering

Aeronautical Engineering, Chemical Engineering, Civil Engineering, Computer Systems Engineering, Electrical Engineering, Electro-Mechanical Engineering, Electronic Engineering, Industrial Engineering, Land Surveying, Materials Engineering, Mechanical Engineering, Electrical Engineering, Industrial Engineering, Materials Engineering, Materials Engineering, Mechanical Engineering, Mechanic

### **Family Ecology and Consumer Sciences**

Clothing and Textiles, Clothing International Retail Management, Clothing Small Business Management, Clothing, Community Nutrition, Consumer Science, Consumer Studies, Food Management, Home Economics, Hotel-Keeping and Catering, Housing, Human Ecology, Nutrition.

#### Health

Advance Practice Nursing, Audiology, Biokinetics, Chinese Medicine, Communication Pathology, Diagnostic Radiography, Diagnostic Ultrasound, Dietetics, Emergency Medical Care, Environmental Health, Homeopathy, Laboratory Medicine, Medical Clinical Practice, Medical Laboratory Science, Medical Orthotics and Prosthetics, Medical Orthotics and Prosthetics, Medical Sciences, Naturopathy, Nuclear Medicine Technology, Nursing Science, Nutrition, Occupational Hygiene, Occupational Therapy, Optometry, Oral Biology, Oral Health, Pharmacy, Physiotherapy, Radiation Therapy, Speech and Hearing Therapy, Speech and Language Pathology and Audiology Therapy.

#### Law

Law, Financial Planning Law

#### Medicine

Medicine, Surgery.

#### **Psychology**

Counselling, Educational Psychology, Psychology, Sport Psychology.

#### **Public Management and Services**

Criminal Justice Administration, Criminology, General Public Management, Local Government Management, Political Studies, Public Financing, Public Human Resource Management, Public Information Management, Public Management (Accounting, Economic Policy), Rural Development Management.

#### Science

Biochemistry, Consumer Ecology, Earth Sciences, Education in Earth Sciences/ Biology/ Life Sciences/Mathematical Sciences/ Physical Sciences/, Environmental Management, Geomatics, Industrial Science, Mining and Environmental Conservation, Mine Surveying, Sport and Exercise Science.

#### Social Science

Community Development, Criminology, Diaconiology (Social Work), Human Ecology, Human Settlements, Indigenous Knowledge Systems, Information Design, Information Science, Information Studies in Education, Land Reform and Rural Development, Library and Information Science, Peace Studies, Social Development, Social Work, Youth in Development.

#### Theology

Youth Work, Theology

#### **Veterinary Science**

Veterinary Science.

## **PG Diplomas and Certificates**

#### **Agriculture**

Agricultural Management, Agriculture, Aquaculture, Food Security, Land and Agrarian Studies, Pesticide Risk Management.

#### **Architecture and Built Environment**

Architecture, Built Environment, Construction Project Management.

#### **Arts and Fine Arts**

Arts, Coral Conducting, Drama, Film, Fine Arts, Music Technology, Music, Performance, Rock Art Studies, Television.

#### **Business and Management Sciences**

Accountancy, Accounting, Actuarial Science, Applied Accounting Science, Applied Economics, Auditing, Business Administration, Business Data, Business Management and Marketing, Business Management, Commerce, Computer Auditing, Computer Development Planning, Developing Areas, Development and Management, Development Studies, Dispute Resolution, Economics, Employee Benefits, Entrepreneurship Management, Entrepreneurship, Estate Planning, Executive Leadership, Financial Accounting, Financial Banking Investment Management, Financial Management, Financial Markets, Financial Planning, Forensic Accounting, General Accounting, General Human Resources Management, General Management, General Operations, Human Resource Development, Human Resource Management, Industrial Administration, Industrial Relations, Information Systems Auditing, Internal Auditing, Investment, Investment Planning, Labour Relations Management, Leadership Studies, Management Development, Management Practice, Management, Management Accounting, Maritime Studies, Marketing Management, Marketing Personnel Management, Marketing Support Management, Mineral Resource Management, Operations Research, Organisational Development, Planning, Property Development, Property Economics, Property Management, Property Studies, Public Sector Accounting, Recreation and Tourism, Risk Management, Small, Medium and Micro-Enterprises Development, Sport Vision, Sport Management, Sustainable Development, Tax Law, Tax Strategy and Management, Taxation, Tourism, Transport and Logistics, Transport Studies, Women's Development and Micro-Finance.

#### Computer Science, Information Technology and Information Sciences

Applied Information Systems, Computer Science, Digital Innovation, Geographical Information Systems, Information and Communication Technology Policy and Regulation, Information and Communication Technology, Management of Information Systems, Multimedia Computing, Peripheral Component Interconnect Express.

#### **Dentistry**

Clinical dentistry, Community Dentistry, Dentistry (Pain and Sedation), Dentistry Radiography, Dentistry, Implant Dentistry.

#### Education

Adult Education, Agricultural Education, Art and Culture Education, Biology Education, Cognitive Studies, Computer Assisted Education, Computer Science Education, Curriculum Studies, Distance Education, Drama and Theatre Education, Economic Science Education, Education Administration, Education in Physiotherapy, Education Leadership, Education Management, Education Policy, Education School Guidance, Education, Educational Guidance, Educators of Adults, English Language Teaching Language Education, Fine Arts Education, Foundation Phase Education, Further Education and Training Teaching, Geography Education, Group Activities, Higher Education and Training, Higher Education Studies, Higher Education, Inclusive Education, Intermediate Phase Education, Junior Primary School Education, Life Sciences Education, Mathematical Literacy Education, Mathematical Sciences Education, Mathematics Education, Physical Sciences Education, Physical Sciences Education, Physical Sciences Education, Physical Sciences Education, Primary School English Education, Primary School Mathematics Education, Policy Studies and Governance in Education, Primary School English Education, Secondary Education, Secondary School English Education, Secondary School English Education, Secondary School English Education, Secondary School Inglish Education, Secondary School Mathematics Education, Senior Phase Social Sciences Teaching, Special Education Needs Education, Special Education, Tertiary Education.

#### **Engineering**

Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering Management, Engineering, Geohydrology, Industrial Engineering, Materials, Mechanical Engineering, Metallurgy, Mining.

#### **Family Ecology and Consumer Sciences**

Child and Family Studies, Child and Youth Development, Childcare and Protection, Clothing and Textiles, Housing Development and Management.

#### Health

Addictions Care, Advanced Midwifery, Advanced Nursing, Advanced Occupational Therapy, Advanced Physiotherapy, Advanced Psychiatric Nursing, Applied Radiation Science, Chemical Pathology, Child Health Care, Child Nursing, Clinical Evidence and Health Management, Clinical Hepatology, Clinical HIV/ Aids Management, Community and General Paediatrics, Community Eye Health, Community Health Extension, Community Health Nursing, Community Health Veterinary Sciences, Community Health, Community Nursing Science, Critical Care Nursing, Dermatology Nursing, Diagnostic Radiology, Dietetics, Disability Studies, e-Health, Emergency Care, Family Medicine, Forensic Health Care, Forensic Nursing, General Interventional Radiography, Gerontological Nursing, Hand Rehabilitation, Hand Therapy, Health and Welfare Management, Health Care and Social Welfare, Health Care Management, Health Care Technology, Health Economics, Health Education, Health Management, Health Professions Education, Health Promotion, Health Services Management, Health Science in Autism Spectrum Disorders, Health Science, Health Service Management, Health Studies Radiography (Diagnostic, Nuclear Medicine), Health Systems Management, Health Technology Management, HIV Management, HIV and AIDS, Hospital Dietetics, Hospital Management, Hospital Pharmacy Management, Infection Control, Management of Childhood Disabilities, Maternal and Child Health, Medical Administration, Medical Information, Medical Surgical Nursing, Medicines Development, Midwifery And Neonatal Nursing, Midwifery, Nephrology Nursing Science, Nephrology, Nursing Administration, Nursing Critical Care, Nursing Education, Nursing Management, Nursing, Occupational Health, Occupational Medicine and Health, Occupational Therapy, Operating Room Nursing, Operational Ward Nursing, Optometry, Orthopaedic Nursing, Paediatric Nursing, Paediatric Radiology, Pesticide Risk Management, Pharmacology, Physiotherapy, Primary Clinical Health, Primary Health Care, Psychiatric Nursing, Public Health, Medicine, Public Health, Pulmonology, Rehabilitation Studies, Rural Health, Speech and Hearing Therapy, Sport Medicine, Sport, Surgical Nursing, TB & HIV Management, Transfusion Medicine, Trauma Nursing, Tropical Medicine and Health, Vocational Rehabilitation.

## Language, Journalism and Communication

Applied Linguistics, Communication Studies, Economic Journalism, Interactive Media design, International Communication, Journalism, Language Interpretation, Language Practice, Language Translation, Media Management, Second Language Studies, Telecommunications and Information, Translation and Court Interpreting, Translation Studies & Linguistics.

#### Law

Company Law, Criminal Justice, Environmental Law and Management, Estate Law, Export Laws, Forensic Investigation and Criminal Justice, Fraud and Criminal Justice, Human Rights, International and African Regional Law, International Economic Law, Labour Law, Legal Practice, Maritime Law, Mediation, Public Health Law.

#### Medicine

Clinical Haematology, Clinical Forensic Medicine, Clinical Pharmacology, Endocrinology, Family Medicine, Gastroenterology, Geriatric Medicine, Palliative Medicine, Paediatrics.

#### **Psychology**

Applied Psychology, Child Psychiatric Nursing, Counselling, Psychological Counselling, Psychotherapy, Public Mental Health.

#### **Public Management and Services**

Community Development, Community Service, Disaster Management, Governance, Governance and Political Transformation, Governance and Public Leadership, Political Studies, Public Administration, Public and Development Studies, Public Monitoring and Evaluation, Public Policy and Development, Public Policy, Rural Rescue Management, Safety.

#### Science

Applied Physiology, Chemical Pathology, Earth Science Practice and Management, Energy Studies, Environmental Sciences, Environmental Studies, Future Studies, Geographical Sciences, General Ultrasound, Geology, Integrated Water Resources Management, Mathematical Sciences, Medical Physics, Nature Conservation, Nuclear Science, Population Studies, Science, Science Education, Scientific Studies.

#### **Social Science**

African Studies, Antique Cultures, Applied Ethics (Philosophy), Applied Ethics, Applied Social Sciences, Archives and Records Management, Culture Studies, Decision Making, Demography and Population Studies, Documentation and Development, Eastern Cape Studies, Environment and Society, Forced Migration, Gender Studies, Health Ethics, Heritage Studies, Humanitarian and Development Management, Information Management, Information Science, Information Studies, Inter-Cultural Communication, International Affairs, International Relations, International Research Ethics, International Studies, Knowledge Development, Librarianship, Library and Information Science, Life Skills and Counselling, Museum and Heritage Studies, Philosophy, Policy Development Studies, Political Science, Social and Behavioural Studies, Social Policy, Social Sciences Methods, Social Sciences, Social Services, Social Work, Sociology.

#### Theology

Christian Pastoral Studies, Religion and Culture, Theology.

#### **Veterinary Science**

Veterinary Public Health.

## **Honours Degrees**

#### Agriculture

Agrarian Extension, Agribusiness Management, Agricultural Administration, Agricultural Biotechnology, Agricultural Economics, Agricultural Extension, Agricultural Irrigation Management, Agricultural Management, Agriculture (Biochemistry, Entomology, Microbiology, Rural Development and Planning, Rural Household Development), Agrometeorology, Agronomy, Animal Science (Animal Breeding, Large Stock Science, Production, Production Management, Nutrition Science, Pig Science, Poultry Science, Product Physiology, Small Stock Science, Wool Science), Aquaculture, Crop Protection, Crop Science, Food for Communities and Families, Food for Families, Food Processing, Food Production and Processing, Food Science and Technology, Food Science, Forestry, Genetics, Grass Land Science, Income For Communities, Land Development, Land Management, Land-Use Planning, Ornamental Horticulture, Pasture Science, Plant Nutrition, Plant Pathology, Plant Production (Agronomy, Horticulture), Plant Protection, Plant Quarantine, Rural Agricultural Development/ Planning, Soil Science, Sustainable Ecology Management, Sustainable Insect Management, Sustainable Plant Genetic Resource Management, Weed Science, Wildlife Management, Wood Work.

#### **Architecture and Built Environment**

Architectural Studies, Architecture, City Planning, Construction Management, Construction, Land and Property Development Management, Landscape Architecture, Property Studies, Quantity Surveying, Spatial Planning, Urban and Regional Development/ Planning, Urban Studies.

#### Arts and Fine Arts

Art History, Design, Drama, Film Studies, Film and Television, Music Education, Music Technology, Music, Musicology, Performing Art, Television Studies, Theatre, Visual Media, Visual Studies.

#### **Business and Management Sciences**

Accountancy, Accounting Sciences, Accounting, Actuarial Science, Administration in Business Management, Agribusiness Management, Applied Econometrics, Auditing, Business Information Systems, Business Management, Commerce, Community Development Studies, Cost and Management Accounting, Development Studies, Econometrics, Economic Policy Analysis, Economics, Ecotourism, Employment relations, Finance, Financial Economics and Investment, Financial Management, Financial Modelling, Human Resource Development, Human Resource Management, Industrial Psychology, Industrial Society and Labour Studies, Internal Auditing, Investment Management, Investment, Logistics, Management Accounting, Management, Marketing Management, Marketing Supply Chain Management, Marketing, Money and Banking, Operations Research, Personnel Leadership, Property Valuation and Management, Quantitative Finance, Quantitative Management, Real Estate, Recreation, Small Business Development Studies, Sport and Leisure Studies, Sport and Recreation Management, Statistics, Strategic Management, Supply Chain Management, Taxation, Tourism Management, Transport Economics.

#### Computer Science, Information Technology and Information Sciences

Computer Information Systems, Computer Science, Computing, Data Mining, Information Systems.

#### **Dentistry**

Dental Science.

#### Education

Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance, Astronomy Education, Chemistry Education, Community Education, Computer Integrated Education, Computing Education, Curriculum and Instruction Design and Development, Curriculum Design and Development, Curriculum Studies, Early Childhood Development, Education Law, Education Management, Educational Management, Education Policy Studies, Educational Administration and Technology, Educational Leadership and Management Development, Educational Psychology, English Teaching, Environmental Education, Further Education and Training (FET) Specialisation, General Education and Training (GET) Specialisation, GET: Foundation Phase, GET: Intermediate/Senior Phase, Governance in Education, Guidance and Counselling, Learning Support, Life Science Education, Mathematics Education, Non Mother Tongue Teaching, Physical Education, Physics Education, Professional Curriculum Studies, Science Education, Science Education, Special Needs Education, Technology Education.

#### Engineering

Agricultural Engineering, Bio-Engineering, Chemical Engineering, Computer Engineering, Control Engineering, Corrosion Engineering, Electrical Engineering, Electronic Engineering, Environmental Engineering, Geotechnical Engineering, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Micro-Electronics, Mining Engineering, Software Engineering, Structural Engineering, Transportation Engineering, Urban Engineering, Water Resources Engineering, Water Utilization Engineering, Quality Assurance & Reliability, Technology Management.

#### Family Ecology and Consumer Sciences

Clothing Management, Clothing Marketing, Consumer Sciences, Food Management, Home Economics, Merchandise Management, Settlement Studies.

#### Health

Anatomical Pathology, Bio kinetics, Clinical Nursing, Community Health Nursing Science, Critical Care, Dietetics, Health Service Administration, Haematology, Health Studies, HIV/AIDS, Human Genetics, Human Movement Sciences, Immunology, Medical Criminality, Medical Immunology, Medical Microbiology, Medical Nuclear Science, Medical Physics, Medical Science, Medical Sciences Anatomy, Medical Sciences Bio-Engineering, Medical Virology, Medicine and Surgery, Midwifery and Neonatal Care, Neurology, Nursing Administration, Nursing Education, Nursing Management, Nursing Science, Occupational Hygiene, Orthopaedics, Paediatrics, Pharmacology, Physiology, Physiotherapy, Psychiatry, Psychiatric Nursing, Quantitative Health Science, Radiation Therapy, Radiography (Angiography, Computer Tomography, Diagnostic General, Nuclear Medicine), Radiological Therapy, Sport Coaching, Vocational Rehabilitation.

#### Languages, Journalism and Communication

African languages, African Non-Mother Tongue Teaching, Afrikaans, Ancient Languages and Cultures, Applied Language Studies, Applied Linguistics, Arabic, Augmentative and Alternative Communication, Classical Hebrew, Communication Management, Communication Science, Communication Theory, Communication, Corporate Communication, Culture and Media Studies, English Language Teaching and Literary Studies, English Linguistics, English Literature, English Studies, English, European Languages, Film & Television Studies, French Language and Literature, French Teaching, General Literary Theory, German Language and Literature, Integrated Marketing Communication, IsiNdebele, Italian Language and Literature, Journalism, Languages, Language Practice, Language Studies, Linguistics, Literacy Studies, Marketing Communication, Media Studies, Modern European Languages, Modern Hebrew, Nguni, Pan-African Literatures, Portuguese, Professional Writing, Romance Languages, Russian, Semitic Languages, Sesotho, SiSwati, Sociolinguistics, Sotho, Spanish, Strategic Communication, Theory of Literature, Translation Studies, Xhosa.

#### Law

Criminal Justice.

#### Medicine

Anatomical Pathology, Aerospace Medicine, Chemical Pathology, Haematology, Medical Oncology, Medicine, Molecular Medicine, Radiation Oncology.

#### **Psychology**

Behavioural Genetics, Industrial Psychology, Industrial and Organisational Psychology, Psychology, Sport Psychology.

#### **Public Management and Services**

Auditing (Public Sector), Community Development, Criminal Justice, Criminology, Development, Industrial Psychology for the Public Sector, International Politics, International Relations, Municipal Administration, Penology, Police Science, Political Science, Probation Services, Public Accounting, Public Administration, Public Economics, Public Logistics, Public Management & Governance, Public Management, Public Sector Transport Economics, Rural Development, Statistics for the Public Sector.

#### Science

Actuarial Mathematics, Actuarial Science, Anatomy, Animal, Plant and Environmental Sciences, Applied Biotechnology, Applied Geology, Applied Mathematics, Applied Sciences, Archaeology, Astronomy, Astrophysics, Behaviour Genetics, Biochemistry, Biodiversity, Bioinformatics, Biology, Bio systems, Biotechnology, Botany, Chemical Technology, Chemistry and Management, Chemistry, Comparative Anatomy, Control, Corrosion, Development Biology, Electronics, Electrotechnics, Entomology, Environment Management, Environmental Monitoring, Environmental Sciences, Environmental Studies, Environmental Technology, Exercise Sciences, Exploration Geophysics, Forensic Genetics, Forensic Sciences, Formulation Science, Genetics, Geographical Information Systems, Geography Ecotourism, Geography, Geohydrology, Geo informatics, Geology, Geotechnics, Haematology, Human Cell Biology, Human Genetics, Human Histology, Human Physiology, Hydrology, Industrial Systems, Irrigation, Limnology, Macro-Anatomy, Materials Science, Mathematical Statistics, Mathematics of Finance, Mathematics, Mechanics, Medical Biochemistry, Medical Bioscience, Medical Cell Biology, Medical Microbiology, Medical Physics, Metallurgy, Meteorology, Microbiology, Mineral Processing, Mine Strata Control, Mining, Mining Environmental Control Neuro-Anatomy, Nutrition & Food Sciences, Operations Research, Palaeontology and Geology, Physical Anthropology, Physical Science, Physics Polymer Technology, Physics, Physiological Sciences, Physiology, Plant Health, Plant Molecular Biology, Plant Pathology, Quality Assurance and Reliability, Renewable Energy, Reproductive Biology, Reproductive Biology (Andrology), Sport Sciences, Statistics, Structural Biology, Structural materials, Structures, Technology Management, Transportation Planning, Water Resources, Water Science, Water Utilization, Wild Life, Wildlife Management, Zoology.

#### **Social Science**

Africa Studies, African Politics, African Studies, Ancient History, Ancient Near Eastern Studies, Anthropology, Applied Ethics, Archaeology, Archival Science, Biblical Archaeology, Classical Culture, Classical Studies, Cognitive Science, Conflict Resolution, Cultural History, Culture Studies, Development Sociology, Development Studies, Gender Studies, Geography and Environmental Science, Heritage and Cultural Tourism, Heritage and Museum Studies, Historical Studies, History, Human Geography, Human Sociology, Industrial Sociology, Informatics, Information Management, Information Science, Information Sciences for Development Studies, International Politics, International Relations, Islamic Studies, Judaica Studies, Library and Information Sciences, Library and Information Studies, Life Skills and Counselling (HIV and AIDS), Migration Studies, Moral and Cultural Studies, Philosophy, Political Dynamics, Political Science, Political Studies, Politics and International Relationships, Politics, Population Studies, Social Behaviour Studies in HIV/ AIDS, Social Behaviour Studies, Social Policy, Social Science Research, Social Work (Probation Work), Social Work, Sociology.

#### **Theology**

Biblical Archaeology, Biblical Studies, Christian Spirituality, Church History, Diaconiology In Missiology, Diaconiology In Youth Work, Judaica, Missiology, New Testament, Old Testament, Practical Theology, Religious Studies, Science of Religion and Missiology, Systematic Theology, Theological Ethics, Theological Studies, Theology.

#### **Veterinary Science**

Veterinary Science

## **Masters Degrees**

#### Agriculture

Agribusiness Management, Agricultural Administration, Agricultural Economics, Agricultural Extension and Rural Development, Agricultural Extension, Agricultural Management, Agriculture, Agronomy, Animal Breeding and Genetics, Animal Breeding, Animal Production Management, Animal Production Physiology, Animal Production, Aquaculture, Arts and Culture Management, Biochemistry, Crop Protection, Entomology, Environmental Management, Food Processing, Food Production, Food Science and Technology, Food Sciences, Food Technology, Forest Management and Environmental Studies, Forestry, Game Ranch Management, Genetics, Home Economics, Horticulture, Integrated Pest and Disease Management, Land and Agricultural Studies, Land Development, Land-Use Planning, Large Animal Stock Sciences, Livestock Nutrition, Meat Science, Mechanized Agriculture, Microbiology, Nutrition Sciences, Ornamental Horticulture, Pasture Science, Pest and Disease Management, Pig Sciences, Plant Biotechnology, Plant Breeding, Plant Pathology, Plant Production, Plant Protection, Plant Quarantine, Postharvest Technology, Poultry Sciences, Rural Development and Ecotourism, Rural Development Planning, Rural Engineering Technology, Rural Household Development, Small Stock Animal Sciences, Soil Science and Plant Nutrition, Soil Science, Sustainable Agriculture, Sustainable Ecological Management, Wood Sciences.

#### **Architecture and Built Environment**

Architectural Technology, Architecture, Building Management, Building Project Management, Building, Built Environment, City Planning and Urban Design, Construction Economics and Management, Construction Economics, Construction Management, Design and Management, Development Planning, Environmental Planning (Urban Design), Environmental Planning, Housing Development and Management, Housing, Interior Architecture, Land and Property Development Management, Landscape Architecture, Project Management, Quantity Surveying, Real Estate, Surveying, Town and Regional Planning, Urban Design, Urban Infrastructure, Urban Renewal, Urban Studies.

#### **Arts and Fine Arts**

Applied Drama: Theatre in Education, Ceramic Design, Arts and Culture Studies, Ceramics Technology, Clothing Design, Dance, Design, Digital Arts, Drama (Performance), Drama, Dramatic Art, Fashion, Film and Television, Film Studies, Fine Art, Graphic Design, History and Film Documentary, History of Art, Industrial Design, Interior Design, Media Studies, Motion Picture Production, Music Composition, Music Education, Music Technology, Music Therapy, Music, Musical Theatre, Musicology, Performing Art, Performing Arts Technology, Photography, Piano Didactics, Rock Art Studies, Textile Design and Technology, Theatre Arts, Visual Arts, Visual Studies.

#### **Business and Management Sciences**

Accounting Science, Accounting, Actuarial Science, Administration and Information Management, Adventure Tourism Management, Applied Econometrics, Auditing, Banking, Business Administration, Business Information System, Business Administration, Business Leadership, Business Management, Business Science, Clothing, Commerce, Commercial Administration, Comparative Local Development, Computer Auditing, Cost and Management Accounting, Development Economics, Development Finance, Development Management, Development Planning, Development Studies, Econometrics, Economic Management Analysis, Economic Policy Analysis, Economic Policy, Economics, Economy of Trade and Investment, Ecotourism Management, Entrepreneurship, Environmental Management, Executive Leadership, Financial Economics and Investment, Financial Engineering, Financial Management Sciences, Financial Management, Financial Markets, Financial Risk Management, Food and Beverage Management, Food Service Management, Future Studies, Heritage and Cultural Tourism, Hospitality Management, Hospitality and Catering, Hotel and Tourism Management, Human Resources Development, Industrial Administration, Industrial Policy , Innovation Studies, Insurance Science, Internal Auditing, International Accounting, Investment Management, Labour Policy and Globalisation, Labour Relations Management, Leadership Couching, Leadership Studies, Local Economic Development, Logistics, Management Accounting, Management, Marketing Management, Marketing, Money and Banking, Office Management and Technology, Operations Management, Operations Research, Organisational Leadership, Parks and Recreation Management, Personal and Professional Leadership, Personnel Leadership, Personnel Management, Planning, Production and Operations Management, Production Management, Quantitative Management, Real Estate, Recreation and Sport Management, Retail,

Retail Business Management, SA & International Taxation, Sport Management, Taxation, Tourism and Hospitality Management, Tourism Development, Tourism Management, Tourism, Transport Economics, Transport Studies.

#### Computer Science, Information Technology and Information Sciences

Computer Data Processing, Computer Science, Computer Systems, Computing Education, Computing, ICT Policy and Regulation, Informatics, Information and Communication Technology, Information Communication and Technology Policy and Regulation, Information Management, Information Networks, Information Systems, Information Technology, Knowledge Management, Professional Practice in Information Technology.

#### **Dentistry**

Community Dentistry, Dental Technology, Dentistry, Endodontics, Facial and Oral Radiation, Facial and Oral Surgery, Maxillofacial and Oral Radiology, Odontology, Oral Medicine, Oral Pathology, Oral Surgery, Orthodontics, Periodontics, Prosthodontics.

#### Education

Advanced Curriculum Studies, Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance in Education and Training, Child Education in the Foundation Phase, Cognitive Education, Comparative Education, Computer Assisted Education, Computer-Integrated Education, Counselling, Curriculum and Instruction Design and Development, Curriculum Policy Development, Curriculum Studies, Early Childhood Development, Early Childhood Intervention, Education for Community Development, Education In Didactics, Education Management, Education, Educational Guidance and Counselling, Educational Leadership, Educational Linguistics, Educational Management, Educational Policy, Educational Psychology, Educational Technology, Educator Professional Development, Environmental Education, Geography Education, Guidance, Higher Education and Higher Education Studies, History of Education, ICT in Education, Inclusive Education, Language and Literacy in the Foundation Phase, Law and Policy, Learning Support, Life and Career Orientation, Marketing Research, Mathematical and Science Education, Mathematics Education, Maximising Potential in Education and Training, Methodology in the Foundation Phase, Natural Sciences Education, Numeracy in the Foundation Phase, Open and Distance Learning, Orthodidactics, Orthopedagogics, Philosophy of Education, Policy Studies, Post School Education (Bridging), Psychology of Learning, Relationship of Authority in Education, School Counselling, Science Education, Values and Human Rights in Education.

#### **Engineering**

Agricultural Engineering, Bio-Engineering, Chemical Engineering, Civil Engineering (Water), Civil Engineering, Computer Engineering, Control Engineering, Corrosion Engineering, Electrical Engineering, Electronic Engineering, Engineering and Environmental Geology, Engineering Geology, Engineering Management, Engineering Project Management, Engineering Sciences, Engineering Surveying, Environmental Engineering, Geotechnical Engineering, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Metallurgy and Materials, Micro-Electronic Engineering, Mineral Engineering, Mining Engineering, Quality Management, Quality, Software Engineering, Structural Engineering, Technology Management, Transportation Engineering, Urban Engineering, Water Resources Engineering, Water Utilization Engineering.

#### **Family Ecology and Consumer Sciences**

Applied Human Nutrition, Child and Family Studies, Child Care and Protection, Clothing Management, Consumer Science, Development, Food and Beverage Management, Food and Consumer Sciences, Food and Nutrition, Food Management, Home Economics, Hospitality Management, Housing, Human Ecology, Interior Merchandise Management, Merchandise Management, Nutrition, Public Nutrition, Settlement Management.

#### Health

Advanced Midwifery Neonatal Science. Advanced Psychiatric Nursing Science, Anatomical Pathology, Andrology, Audiology, Biokinetics, Biomedical Engineering, Biomedical Technology, Cardiology, Child Nursing, Chiropractic, Clinical Microbiology & Infectious Diseases, Clinical Health Administration, Clinical Nursing, Clinical Pharmacology, Clinical Technology, Communication Pathology (Speech Language), Community Health, Community Nursing Science (Occupational Health, Primary Health Care), Critical Care and Trauma, Dietetics, Emergency Medical Care, Emergency Medicine, Endocrinology, Environmental Health, Epidemiology, Exercise and Sports Physiotherapy, Facial and Oral Surgery, Family Medicine, Gender and Health, Genetic Counselling, Gynaecology, Hand Rehabilitation, Hand Therapy, Health and Welfare Management, Health Care, Health Innovation, Health Professions Education Structure, Health Promotion, Health Sciences Education, Health Sciences, Health Service Administration, Health Studies, Homoeopathy, Human Molecular Biology, Human Movement Science, Infectious Diseases, Maternity and Child Nursing (Midwifery and Neonatal), Maternity Child Health, Medical Administration, Medical and Surgical Nursing (Critical Care, Operating Room), Medical Anthropology, Medical Bioscience, Medical Criminalistics, Medical Immunology, Medical Information, Medical Laboratory Science, Medical Science in Nutrition, Medical Sciences, Medical Virology, Medicine Specialisation in Critical Care, Medicine, Mental Health, Neuro Surgery, Neurology, Nursing Education, Nursing Management, Nursing Science, Nursing, Nutrition, Obstetrics,

Occupational and Environmental Health, Occupational Health, Occupational Science, Occupational Therapy, Optometry, Orthopaedic Surgery, Orthopaedics, Otorhinolaryngology, Paediatrics and Child Health, Paediatrics, Palliative Medicine, Pathology, Pharmaceutical Sciences, Pharmacology, Pharmacy Administration, Pharmacy, Physical Education, Physiotherapy, Podiatry, Professional Nursing Science (Ethos & Prof Practice, Nursing Management, Nursing Education), Psychiatric Mental Health Nursing, Psychiatry, Public Health, Public Health in Nutrition, Pulmonology, Quantitative Health Science, Radiation (Diagnostics, Therapy, Nuclear Medicine), Radiation Oncology, Radiography, Rehabilitation, Reproductive Biology, Reproductive Medicine, Somatology, Speech and Language Pathology, Speech Pathology, Sports Medicine, Surgery, Therapeutic Sciences, Transdisciplinary Health Promotion.

#### Languages, Journalism and Communication

African Languages, African Linguistics, Afrikaans, Ancient Languages, Applied Language Studies, Applied Linguistics, Arabic, Audio-visual Communication, Augmentation and Alternative Communication, Business Communication, Communication, Communication Management, Communication Pathology, Communication Science, Communication Studies, Contemporary English Studies, Corporate and Marketing Communication, Corporate Communication, Creative Writing, Development Communication, Document Design and Text Editing, English, English Education, European Literacy, French, Fundamental Communication, German, Greek, Integrated Marketing, Integrated Marketing Communication, Interactive Media Design, International Communication, Interpreting, IsiNdebele, IsiZulu, Italian, Journalism, Judaica, Language and Communication Afrikaans, Language Management, Language Practice, Language Studies, Language Technology, Latin, Lexicography, Linguistics, Literary Theory, Marketing Communication, Media Studies, Modern Hebrew, Multimedia, Nguni, Pan-African Literatures, Portuguese, Public Relations, Public Relations Management, Publishing Studies, Romance Languages, Russian, Semitic Languages, Semitic Languages & Cultures, Sepedi, Sesotho, Sesotho Literature, Teanslation, Translation Studies, Khosa.

#### Law

Administrative Law, Banking Law, Business Law, Child Care and Protection, Child Law, Civil Procedural Law, Commercial and Business Law, Commercial Law, Company Law, Constitutional Law, Consumer Protection Law, Corporate Law, Criminal Justice, Criminal Law, Criminal Procedural Law, Criminology, Development and Management Law, Dispute Resolution, Drafting and Interpretation of Contracts, Environmental Law, Financial Planning Law, Foundations and Theory of Law, Human Rights and Constitutional Practice, Human Rights and Democratisation in Africa, Human Rights Law, Human Rights, Indigenous Law, Information and Communication Law, Insolvency Law, Intellectual Property Law, International Commercial Law, International Economic Law, International Human Rights Law, International Law, International Trade and Investment Jurisprudence, International Trade Law, Interpretation of Statutes, Labour Law, Law and Political Justice, Law in Africa, Law of Business Entities, Law of Contract, Law of Evidence, Maritime Law, Maritime Studies, Medical Law, Mercantile Law, Private International Law, Private Law, Procedural Law, Property Law, Public Law, Reproductive and Sexual Rights, Roman Law, Shipping Law, Tax Law.

#### Medicine

Advanced Hepatology and Transplanting, Allergology, Anaesthesia, Anaesthesiology, Anaesthes Pathology, Anaesthesia (Critical Care), Biomedical Forensic Science, Cardiology, Cardiothoracic Surgery, Chemical Pathology, Child and Adolescent Psychiatry, Child Health, Clinical Haematology, Clinical Pathology, Clinical Paediatric Surgery, Clinical Pharmacology, Clinical Technology, Community Dentistry, Community Health, Critical Care, Dental Surgery, Dermatology, Development Paediatrics, Diagnostic Radiology, Emergency Medicine, Endocrinology and Metabolism, Facial Surgery, Facial Surgery-Dentistry, Facial Surgery-Medicine, Family Medicine, Forensic Medicine, Forensic Pathology, Gastroenterology and Hepatology, Gastroenterology Surgery, General Surgery, Geriatrics, Gynaecological Oncology, Haematological Pathology, Haematology, Immunology, Implantology, infectious Deceases, Internal Medicine, Maternal and Foetal Medicine, Medical Clinical Science in Transfusion, Medical Forensics, Medical Gastroenterology, Medical Genetics, Medical Microbiology, Medical Oncology, Medical Virology, Medicine, Microbiology, Microbiological Pathology, Neonatology, Nephrology, Neurological Surgery, Neurology, Neurosurgery, Nuclear Medicine, Obstetrics and Gynaecology, Occupational Medicine, Ophthalmology, Optometry, Oral Medicine, Oral Pathology, Orthodontics, Orthopaedics, Orthopaedic Surgery, Otorhinolaryngology, Paediatric Allergology, Paediatric Cardiology, Paediatric Critical Care, MPhil: Paed Endocrinal and Metabolism, Paediatric Forensic Pathology, Paediatric Gastroenterology, Paediatric Infectious Diseases, Paediatrics Medical Genetics, Paediatrics Medical Oncology, Paediatric Nephrology, Paediatric Neurology, Paediatric Oncology, Paediatric Pathology, Paediatric Pulmonology, Paediatric Rheumatology, Paediatric Surgery, Periodontics, Plastic and Reconstructive Surgery, Plastic Surgery, Prosthodontics, Public Health Medicine, Public Health, Radiation Oncology, Radiological Diagnostics, Reproductive Medicine, Somatology, Sport Medicine, Surgery, Surgical Critical Care, Surgical Gastroenterology, Thoracic Surgery, Trauma Surgery, Urology, Vascular Surgery, Virological Pathology, Virology.

#### **Psychology**

Addictions Mental Health, Administration in Industrial Psychology, Applied Psychology, Autism Spectrum Disorders, Child and Adolescent Psychology, Clinical Psychology, Community-Based Counselling Psychology, Counselling Psychology, Educational Psychology, Forensic Psychiatry, Mental Health, Forensic Group Therapy, Industrial and Organisational

Psychology, Industrial Psychology, Intellectual Disability, Medical Applied Psychology, Mental Health, Neuropsychology, Play Therapy, Psychiatry, Psychology, Research Psychology.

#### **Public Management and Services**

Accounting for Public Sector, African Politics, Auditing for Public Sector, Business Administration , Community Police Management, Contact Centre Management, Correctional Services Management, Development Studies, Disaster Management, Entrepreneurship, Government Finances and Auditing, Industrial Psychology for the Public Sector, International Politics, International Relations, Local Governance and Development, Governance and Public Leadership, Municipal Administration, Penology, Police Science, Policing, Political Science for Public Sector, Public Administration Training Management, Public Administration, Public Economics, Public Labour Relations Management, Public Relations, Public Management, Public Policy, Public Sector Business Management, Public Sector Development Management, Public Sector Economics, Public Sector Logistics, Public Sector Quantitative Management, Security Management, Security Risk Management, Security Studies, Traffic Safety Management, Transport Economics for Public Sector.

#### Science

Actuarial Sciences, Aerospace Medicine, Agriculture, Air Quality Management, Analytical Environmental Chemistry, Anatomy, Anatomical Sciences, Applied Geology, Applied Mathematics, Applied Mineralogy, Applied Radiation Science, Applied Science, Applied Science in Chemistry, Applied Sciences (Civil, Control, Industrial Systems, Mechanics, Mechanical, Metallurgy, Mining Environment, Urban), Applied Statistics, Aquatic Resource Management, Astronomy Education, Astronomy, Bio Diversity, Biochemistry, Bioinformatics, Biology, Biological Systems, Biomechanics, Biosystems, Biotechnology, Botany, Cartography, Cell Biology, Chemical Pathology, Chemical Science, Chemical Technology, Chemistry Education, Chemistry, Conservation Ecology and Planning, Corrosion, Earth Sciences, Electrotechnics, Entomology, Environment and Society, Environmental Ecology, Environmental Economics, Environmental Education, Environmental Health, Environmental Management, Environmental Planning, Environmental Sciences, Environmental Technology, Epidemiology, Exercise Science, Exploration, Explosives Technology, Extraction Metallurgy, Fire Technology, Forensic Investigations, Genetics, Geography, Geoinformatics, Geographic Information Systems and Remote Sensing Applications, Geology, Geophysics, Geotechnics, Human Genetics, Human Physiology, Hydrogeology, Hydrology, Industrial Systems, Integrated Water Resource Management, Irrigation, Life Science Education, Life Sciences, Mammalogy, Marine Coastal Management, Mathematical Science, Mathematical Statistics, Mathematical Technology, Mathematics Education, Mathematics of Finance, Mathematics, Mechanics, Medical Biochemistry, Medical Microbiology, Medical Nuclear Science, Medical Physics, Metallurgy, Meteorology, Microbiology and Plant Pathology, Microbiology, Mine Strata Control, Mineral Resource Management, Mining Environmental Control, Nanoscience, Nature Conservation, Oceanography, Operations Research, Petroleum Geology, Physical Science, Physics Education, Physics, Physiological Sciences, Physiology, Plant Biotechnology, Plant Pathology, Plant Physiology, Polymer Technology, Project Management in Science, Quality Assurance and Reliability, Radiobiology, Renewable Energy, Reproductive Biology, Resource Allocation Biology, Science Education, Sport and Exercise Technology, Sports Science, Statistical Science, Statistics Education, Statistics, Structural Biology, Structural Materials, Structures, Systems and Conservation Evaluation, Technology Education, Technology Management, Transportation Planning, Water Care, Water Resources, Water Utilization, Zoology.

#### **Social Science**

Africa Studies, African Politics, African Studies, Ancient History, Ancient Languages and Cultures, Ancient Near Eastern Studies, Anthropology, Applied Ethics, Archaeology, Bible Translation Management, Biblical Archaeology, Child and Youth Care, Classical Studies, Clinical Practice Social Work, Community Development, Community Work, Cultural History, Cultural Management, Culture Studies, Demography (Course Work), Development Studies and Conflict Resolution, Diaconiology in Social Work, Diplomatic Studies, Diversity Studies, Employee Assistance Programmes, Environment and Society, Folklore Studies, Future Studies, Gender Studies, Governance and Political Transformation, Heritage and Cultural Management, Heritage and Museum Studies, Heritage Studies, Historical Studies, History, HIV / AIDS Management, Human and Societal Dynamics, Industrial and Social Labour Studies, Industrial Sociology, Information Design (Course Work), Information Management, Information Science (Archival Science, Multimedia, Publishing), Information Science, Information Studies, Interdisciplinary Global Change Studies, International Management, International Politics, International Relations, Islamic Studies, Judaica, Library and Information Studies, Library Science, Medical Science in Social Work, Medical Social Work, Migration and displacement, Moral and Cultural Studies, Philosophy, Policy and Development, Policy Studies, Political Policy Studies, Political Science, Politics, Population Studies, Reconciliation and Social Cohesion, Rural Development, Social and Behaviour Studies, Social and Psychological Research, Social Behaviour Studies In HIV / AIDS, Social Development and Planning, Social Development and Policy, Social Health Care, Social Impact Assessment, Social Policy, Social Research, Social Science (Mental Health, Criminology, Clinical), Social Work (Play Therapy), Social Work Management, Social Work Welfare Policy, Social Work, Sociology, Strategic Studies, Workplace Ethics.

#### Theology

Applied Theology, Biblical Studies, Christian Spirituality, Church History, Church Ministry, Diaconiology in Missionary, Diaconiology in Play Therapy, Diaconiology in Youth Work, Divinity, Dogmatics and Christian Ethics, Missiology, New Testament Studies, Old Testament Studies, Pastoral Family Therapy, Practical Theology, Religious Studies, Science of Religion and Missiology, Systematic Theology, Theological Ethics, Theology, Youth Ministry.

#### **Veterinary Science**

Anaesthesiology, Bovine Medicine, Cattle Herd Health, Clinical Laboratory Diagnostics, Companion Animal Clinical Studies, Diagnostic Imaging, Equine Medicine, Equine Surgery, Laboratory Animal Science, Ophthalmology, Paraclinical Studies, Pathology, Pharmacology, Pig Herd Health, Poultry Diseases, Production Animal Studies, Small Animal Medicine, Small Animal Surgery, Small Stock Herd Health, Theriogenology, Toxicology, Veterinary Ethology, Veterinary Industrial Pharmacology, Veterinary Public Health, Veterinary Technology, Veterinary Tropical Diseases, Wildlife Diseases.

## **Doctoral degrees**

#### **Agriculture**

Agrarian Extension, Agribusiness Management, Agricultural Economics, Agricultural Management, Agriculture, Agrometeorology, Agronomy, Animal Production Management, Animal Production, Animal Science, Crop Protection, Food Science, Food Technology, Forestry, Game Ranch Management, Horticultural Science, Irrigation Management, Land-Use Planning, Mechanized Agriculture, Ornamental Horticulture, Pasture Science, Plant Biotechnology, Plant Breeding, Plant Health Ecology, Plant Nutrition, Plant Pathology, Plant Production, Plant Protection, Plant Quarantine, Soil Science, Sustainable Agriculture, Weed Science, Wildlife, Wildlife Management.

#### **Architecture and Built Environment**

Architectural Technology, Architecture, Building, Construction Economics, Construction Management, Land and Property Development, Landscape Architecture, Property Science, Quantity Surveying, Surveying, Town and Regional Planning, Urban and Regional Planning.

#### Arts and Fine Arts

Arts and Culture Management, Art History, Ceramics Technology, Dance, Design, Digital Arts, Drama, Drama and Theatre Art, Fashion, Film and Television, Film Studies, Fine Arts, Graphic Design, History of Art, Interior Design, Literature and Philosophy in Art History, Literature and Philosophy in Musicology, Motion Picture Production, Music, Musicology, Performing Arts Technology, Photography, Rock Art, Visual Arts.

#### **Business and Management Sciences**

Accounting Sciences, Accounting, Adventure Tourism Management, Auditing, Business Administration, Business Information Systems, Business Leadership, Business Management, Business, Commerce, Cost and Management Accounting, Development Finance, Development Studies, Econometrics, Economic Sciences, Economics, Employment Relations, Entrepreneurship, Environmental Business Management, Financial Management Sciences, Food and Beverage Management, Food Service Management, Forensic Accountancy, Human Resources Management, Information Management, Insurance Science, Internal Auditing, Labour Relations Management, Leadership, Leadership in Performance and Change, Logistics, Logistics Management, Marketing, Marketing Management, Marketing, Office Management and Technology, Operations Management, Operations Research, Organisational Behaviour, Organisational Leadership, Personal and Professional Leadership, Personnel Leadership, Production Management, Project Management, Public Affairs, Quantitative Management, Real Estate, Recreation and Sport Management, Rural Development and Ecotourism, Statistics, Taxation, Tourism and Hospitality Management, Tourism Management, Transport Economics.

#### Computer Science, Information Technology and Information Sciences

Computer Science, Computer Systems, Informatics, Information Systems, Information and Communications Technology, Information Technology, Information Technology Management, Knowledge Management.

#### **Dentistry**

Dental Technology, Dentistry, Oral Medicine, Odontology Sciences, Orthodontics, Periodontology.

#### Education

Adult and Community Education and Training, Adult Education, Assessment and Quality Assurance, Comparative Education, Computer Assisted Education, Computer-Integrated Education, Curriculum and Instructional Design and Development, Curriculum Studies, Didactic Pedagogics, Didactics, Education Management, Education Policy Studies, Education, Educational Guidance and Counselling, Educational Law and Policy, History of Education, Inclusive Education, Learning Support Guidance and Counselling, Mathematics Education, Maximising Potential in Education and Training, Orthodidactics, Orthopedagogics, Philosophy of Education, Preschool Pedagogics, Psychology of Education, Science Education, Sociopedagogics, Tertiary Didactics.

#### **Engineering**

Agricultural Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronic Engineering, Engineering and Environment Geology, Engineering Management, Engineering Technology, Engineering, Environmental Engineering, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Quality, Quality Management, Rural Engineering Technology, Technology Management, Transportation Engineering, Water Utilization Engineering.

#### **Family Ecology and Consumer Sciences**

Clothing Management, Consumer Science Development, Food and Nutrition, Food Management, Food Service Management, International Merchandise Management, Nutrition, Settlement Studies, Textile Design and Technology.

#### Health

Anaesthesia, Audiology, Biokinetics, Biomedical Informatics and translational medicine, Biomedical Technology, Chiropractic, Clinical Governance, Clinical Technology, Community Health, Diagnostic Radiology, Critical Care, Dietetics, Emergency Medical Care, Environmental Health, Epidemiology, General Health Sciences, Health Professions Education, Health Sciences, Health Sciences Education, Health Systems, HIV, Homoeopathy, Human Movement Science, Literature and Philosophy in Health Studies, Medical Laboratory Sciences, Medical Microbiology, Medical Physics, Medical Science, Medical Virology, Nursing Sciences, Occupational Therapy, Optometry, Pharmaceutical Sciences, Pharmacology, Pharmacy, Practice, Philosophy in Nursing, Physiotherapy, Public Health, Radiography, Radiological Diagnostics, Radiological Therapy, Reproduction, Speech-Language Pathology, Somatology, Therapeutic Sciences.

#### Languages, Journalism and Communication

African Languages, Afrikaans, Afrikaans and Dutch, Applied Languages, Arabic, Augmentative and Alternative Communication, Business Communication, Classic Languages, Communication, Communication Science, Communication Management, English, French, German, Greek, Hebrew, International Communication, Interpreting and Translation, Italian, Journalism, Language Practice, Language Studies, Latin, Linguistics, Literacy, Literary Theory, Literature and Philosophy, Literature, Media Studies, Modern Hebrew, Portuguese, Public Relations Management, Publishing, Russian, Semitic Languages, Sesotho, SiSwati, South African Sign Language, Spanish, Strategic Communication, Translation Studies, Xhosa.

#### Law

Bioethics and Health Law, Company Law, Criminal Law, Human Rights, Jurisprudence, Law, Legal History, Mercantile Law, Private Law, Procedural Law, Public Law.

#### Medicine

Aerospace Medicine, Anaesthesia, Anaesthesiology, Anatomical Pathology, Chemical Microbiology and Infectious Deceases, Chemical Pathology, Communication Pathology, Dermatology, Diagnostic Radiology, Epidemiology, Family Medicine, Family Practice, Forensic Medicine, Forensic Pathology, Geriatry, Haematology and Molecular Medicine, Haematology, Human Genetics, Immunology, Internal Medicine, Medical Clinical Sciences, Medical Immunology, Medical Nuclear Science, Medical Oncology, Medical Science, Medicine, Neurology, Neurosurgery, Obstetrics and Gynaecology, Ophthalmology, Orthopaedic Surgery, Otorhinolaryngology, Paediatrics, Pathology, Plastic and Reconstructive Surgery, Psychiatry, Radiation Oncology, Reproduction and HIV, Sports Medicine, Surgery, Thoracic Surgery, Urology, Virology.

#### **Psychology**

Behavioural Genetics, Clinical Psychology, Consulting Psychology, Educational Psychology, Industrial and Organisational Psychology, Psycho

#### **Public Management and Services**

Administration, African Politics, Business Economics, Business Management, Contact Centre Management, Criminal Justice, Criminology, Development Studies, Economics, Governance and Political Transformation, International Politics, International Relations, Labour Relations Management, Land Development, Municipal Administration, Penology, Police Science, Policing, Political Science, Public Administration, Public Management, Public Policy and Development Management, Public Relations Management, Public Sector Accounting, Public Sector Auditing, Public Sector Statistics, Quantitative Management, Rural Development Planning, Tourism Management, Transport Economics.

#### Science

Actuarial Science, Agriculture, Anatomical Sciences, Anatomy, Animal Plant and Environmental Sciences, Animal Sciences, Applied Mathematics, Applied Statistics, Astrophysics, Astronomy, Biology, Bio Systems, Biochemistry, Bioinformatics,

Biomechanics, Bio-Statistics, Biotechnology, Botany, Chemical Technology, Chemistry, Computational and Applied Mathematics, Electricity, Electronics, Engineering Geology, Entomology, Environmental Ecology, Environmental Economics, Environmental Education, Environmental Geography, Environmental Geology, Environmental Management, Environmental Rehabilitation, Environmental Sciences, Environmental Studies, Environmental Technology, Exploration Geophysics, Explosives Technology, Extraction Metallurgy, Forensic Chemistry, Forensic Entomology, Forensic Genetics, Forensic Sciences, Geochemistry, Geohydrology, Geo informatics, Geography, Geography Archaeology and Environmental Studies, Geology, Geosciences, Grassland Science, Human Physiology, Hydrogeology, Life Sciences, Limnology, Material Science, Mathematical Sciences, Mathematical Statistics, Mathematics, Medical criminalistics, Mechanics, Metallurgy and Materials, Metallurgy, Meteorology, Microbial Biotechnology, Microbiology and Plant Pathology, Microbiology, Mining, Molecular and Cell Biology, Nature Conservation, Nanoscience, Oceanography, Physiology, Plant Breeding, Plant Pathology, Plant Physiology, Polymer Science, Polymer Technology, Reproductive Biology (Andrology), Reproductive Biology, Science, Physics, Sport and Exercise Technology, Sport Science, Statistics and Actuarial Science, Statistics, Sustainable Ecological Management, Sustainable Insect Management, Technology Management, Technology, Textile Science, Water Care, Water Resource Management, Water Utilization, Zoology.

#### **Social Science**

African Politics, African Studies, Ancient History, Anthropology, Archaeology, Astronomy, Classical Studies, Conflict Studies, Cultural History, Culture Studies, Diversity Studies, Environment and Society, Folklore Studies, Gender Studies, Heritage and Museum Studies, History of Ancient Culture, History, Humanities, Information Design, Information Science, International Politics, International Relations, Library and Information Studies, Library Science, Mineral Resource Management, Near Eastern Studies, Philosophy, Political Science, Political Studies, Politics, Social Development, Social Development Professions, Social Science, Social Work, Sociology.

#### Theology

Biblical and Religious Studies, Biblical Studies, Christian Ethics, Christian Spirituality, Church History, Diaconiology in Missionary, Diaconiology in Play Therapy, Diaconiology in Social Work, Diaconiology in Youth Work, Divinity, Judaica, Missiology, Modern Hebrew, New Testament Studies, Old Testament Studies, Old Testament, Pastoral Family Care, Practical Theology, Religious Studies, Science of Religion and Missiology, Science of Religious and Missiology Studies, Systematic Theology, and Ethics, Systematic Theology, Theological Ethics, Theology, Youth Ministry.

#### **Veterinary Science**

Animal Clinical Studies, Paraclinical Sciences, Production Animal Studies, Veterinary Technology, Veterinary Tropical Diseases

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