



higher education  
& training  
Department:  
Higher Education and Training  
REPUBLIC OF SOUTH AFRICA

# DEPARTMENT OF HIGHER EDUCATION AND TRAINING

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# ENROLMENT PLANNING

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## ENROLMENT PLANNING

- The 3 steering mechanisms of the Department of Higher Education and Training for universities are Funding, Planning and Quality Assurance.
- Enrolment planning is part of the Planning steering Mechanism.
- The currently cycle of enrolment planning ends this year, 2019.
- The new cycle of enrolment planning 2020 to 2025 commenced with universities being requested to provide a first draft of their enrolment plans and narrative by 28 September 2019.

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## ENROLMENT PLANNING

- Universities' enrolment plans were to be guided by their broader institutional strategic plans, national plans (such as the NDP), and the human resource strategy of the country.
- In addition universities were requested to ensure that their priorities were aligned to the strategic focus of the country.
- Universities also had to consider their own capacity, the current funding available in the system, demands on the fiscus and institutional resources and infrastructure.
- At the end of October 2018 the Department hosted a workshop to provide information on the national imperatives and priorities.

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## ENROLMENT PLANNING

- The workshop was a platform for institutions to engage, discuss and raise questions on the enrolment planning process and institutional targets.
- At the workshop presentations were done on the role of the university and responsiveness to planning; addressing success and access in undergraduate and postgraduate study; planning for research and the university's role in innovation; what we can learn from the labour market intelligence research; planning the human resources for health; planning the human resources for agriculture, forestry and fisheries; overview of the teaching input units on the preliminary enrolment planning submissions and integrated planning and purposeful differentiation.

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## ENROLMENT PLANNING

- During November and December 2018 the Department met with each of the universities to discuss their first submission of their enrolment plan.
- An analysis had been done on each of the enrolment plans, however it was only on the data. Universities were asked to do a presentation on their enrolment plan and thereafter a discussion ensued with universities being informed to resubmit a final council approved enrolment plan by April 2019.
- Once all the plans were received, unfortunately there were some delays, the plans were consolidated into a national picture.

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## ENROLMENT PLANNING

- The Department has had to go back to some institutions due to errors in their data tables, incomplete tables and missing narratives.
- Once these issues were resolved the teaching inputs were calculated.

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## ENROLMENT PLANNING

### TOTAL HEADCOUNT ENROLMENTS

	Planned/expected enrolment						Average annual increase: 2017-2025
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025	
First-time entering undergraduates	201158	204421	208600	212661	215254	217436	1.5%
<b>Total undergraduate</b>	<b>888500</b>	<b>891166</b>	<b>898399</b>	<b>908792</b>	<b>920253</b>	<b>931505</b>	<b>1.3%</b>
Postgraduate to masters level	102850	107057	110496	113895	116950	119834	3.4%
Masters	62520	63896	65311	66161	67109	68132	1.8%
Doctors	23926	24469	25050	25685	26291	27001	2.3%
<b>Total postgraduate</b>	<b>189296</b>	<b>195422</b>	<b>200857</b>	<b>205740</b>	<b>210350</b>	<b>214967</b>	<b>2.7%</b>
Occasional students	16887	16925	16929	16995	17038	17102	-2.8%
<b>TOTAL ENROLMENT</b>	<b>1094683</b>	<b>1103513</b>	<b>1116185</b>	<b>1131527</b>	<b>1147640</b>	<b>1163574</b>	<b>1.5%</b>

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# ENROLMENT PLANNING

## TOTAL HEADCOUNTS BY QUALIFICATION TYPE

	Planned/expected enrolment						Average annual increase: 2017-2025
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025	
Undergraduate diplomas & certificates	265558	263051	262855	263714	265549	267446	-0.4%
Advanced diploma/PGCE	29608	33218	35920	38077	39633	41054	19.7%
Undergraduate degrees	593500	595069	599804	607180	615217	623154	1.4%
<b>Total undergraduate</b>	<b>888666</b>	<b>891338</b>	<b>898579</b>	<b>908971</b>	<b>920400</b>	<b>931654</b>	<b>1.3%</b>
Postgraduate to masters level	102535	106735	110166	113567	116654	119531	3.4%
Masters	62419	63795	65210	66060	67008	68031	1.8%
Doctors	24176	24719	25300	25935	26541	27256	2.4%
<b>Total postgraduate</b>	<b>189130</b>	<b>195249</b>	<b>200676</b>	<b>205562</b>	<b>210203</b>	<b>214818</b>	<b>2.7%</b>
Occasional students	16887	16925	16929	16995	17038	17102	-2.8%
<b>TOTAL ENROLMENT</b>	<b>1094683</b>	<b>1103512</b>	<b>1116183</b>	<b>1131528</b>	<b>1147641</b>	<b>1163573</b>	<b>1.5%</b>

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# ENROLMENT PLANNING

## PROPORTION OF HEADCOUNTS ENROLMENTS IN EACH MAJOR FIELD OF STUDY

	Planned/expected enrolment					
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025
Science, engineering, technology	30%	30%	30%	31%	31%	31%
Business/management	28%	28%	28%	28%	28%	28%
Education	19%	18%	18%	18%	18%	18%
Other humanities	24%	23%	23%	23%	23%	23%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

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# ENROLMENT PLANNING

## • TOTAL SUCCESS RATES

	Planned/expected					
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025
<b>Total undergraduate</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	<b>79%</b>	<b>79%</b>
Postgraduate to masters level	74%	74%	75%	75%	75%	76%
Masters	68%	68%	69%	69%	69%	70%
Doctors	57%	57%	57%	57%	57%	57%
<b>Total postgraduate</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>
<b>TOTAL</b>	<b>77%</b>	<b>77%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>78%</b>

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# ENROLMENT PLANNING

## GRADUATES BY QUALIFICATION TYPE

	Planned/expected enrolment						Average annual increase: 2017-2025
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025	
Undergraduate diplomas	56855	56767	57223	57553	58439	59224	0.8%
Advanced diploma/PGCE	10130	11737	12816	13621	14156	14636	21.9%
Undergraduate degrees	94952	94815	96049	98365	101060	103970	1.0%
<b>Total undergraduate</b>	<b>161937</b>	<b>163318</b>	<b>166088</b>	<b>169539</b>	<b>173655</b>	<b>177830</b>	<b>1.8%</b>
Postgraduate to masters level	42886	45347	46911	48390	49798	51073	3.0%
Masters	14042	14530	15079	15475	15920	16412	3.0%
Doctors	3268	3357	3477	3579	3705	3846	2.9%
<b>TOTAL</b>	<b>222134</b>	<b>226552</b>	<b>231555</b>	<b>236982</b>	<b>243078</b>	<b>249162</b>	<b>2.1%</b>

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# ENROLMENT PLANNING

## PROPORTIONS OF PERMANENTLY APPOINTED INSTRUCTION/ RESEARCH STAFF IN EACH QUALIFICATION CATEGORY

	Planned/expected enrolment					
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025
Doctoral degree	47%	48%	49%	50%	50%	51%
Masters degree	36%	37%	37%	37%	37%	38%
Other	17%	16%	14%	13%	12%	11%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

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# ENROLMENT PLANNING

## FTE ENROLLED STUDENTS AND FTE INSTRUCTION/ RESEARCH STAFF

	Planned/expected enrolment					
	Proposed target 2020	Proposed target 2021	Proposed target 2022	Proposed target 2023	Proposed target 2024	Proposed target 2025
Total FTE enrolled students	773204	782230	792404	804903	816400	830237
FTE instruction/research staff	28442	28878	29291	29698	30080	30475
<b>Ratio of FTE students to FTE instruction research staff</b>	<b>27.2</b>	<b>27.1</b>	<b>27.1</b>	<b>27.1</b>	<b>27.1</b>	<b>27.2</b>

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# ENROLMENT PLANNING

## SCARCE SKILLS

- **Engineering** enrolments are projected to increase from 78 401 in 2017 to 83 019 in 2025, an average annual increase of 0.7% (First time entering average annual increase 1.7%). Graduates are projected to increase from 12 955 in 2017 to 15 757 in 2025, an average annual increase of 2.5%
- **Life and Physical Science** enrolments are projected to increase from 49 055 in 2017 to 62 774 in 2025, an average annual increase of 3.1% (First time entering average annual increase 3.5%). Graduates are projected to increase from 8 601 in 2017 to 12 285 in 2025, an average annual increase of 4.6%

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# ENROLMENT PLANNING

## SCARCE SKILLS

- **Animal Science** enrolments are projected to increase from 2 584 in 2017 to 4 409 in 2025, an average annual increase of 6.9% (First time entering average annual increase 9.9%). Graduates are projected to increase from 571 in 2017 to 1 123 in 2025, an average annual increase of 8.8%
- **Vet Science** enrolments are projected to increase from 1 323 in 2017 to 1 320 in 2025, an average annual increase of 0.0% (First time entering average annual increase 0.9%). Graduates are projected to increase from 189 in 2017 to 181 in 2025, an average annual increase of -0.5%.

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## ENROLMENT PLANNING

### SCARCE SKILLS

- **Human Health** enrolments are projected to increase from 45 408 in 2017 to 51 456 in 2025, an average annual increase of 1.6% (First time entering average annual increase 3.3%). Graduates are projected to increase from 9 695 in 2017 to 11 537 in 2025, an average annual increase of 2.2%
- **Teacher Education** enrolments are projected to increase from 136 891 in 2017 to 156 394 in 2025, an average annual increase of 1.5% (First time entering average annual increase 2.9%). Graduates are projected to increase from 25 358 in 2017 to 31 534 in 2025, an average annual increase of 2.4%.

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## ENROLMENT PLANNING

### WAY FORWARD

- The Teaching Inputs Units (TIUs) have been calculated and there will be a need to engage with some universities. For example one institution's TIUs has increased by 24%, this will have a significant impact on other institutions.
- Institutions who have planned enrolments in new fields of study such as engineering and health and where their new qualifications have not yet been PQM cleared and accredited will have to relook the start year of their enrolments and subsequently the impact on their planned graduate output.

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# ENROLMENT PLANNING

## WAY FORWARD

- Meetings have been held with 5 of the 8 HDIs who receive the Historically Disadvantaged Institutions'-Development Grant (HDI-DG). In these meetings discussion have been held on their academic enterprise and 2 of these 5 institutions will have to submit amendments to their enrolment plan.
- If an institution has signalled a move into an new field of study and has not engaged the department then this will also be raised with the relevant institution.
- There have been a variety of reasons why the plan has not yet been finalised but the Department has targeted September as the deadline for finalisation of the Ministerial statement on enrolment planning 2020 to 2025.

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**Thank you**

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