

QUESTIONNAIRE TO UNIVERSITIES

Purpose

The purpose of this questionnaire is to provide trends for the past five year or so, on admissions across the CESM categories within the institutional offerings; tuition and other fees charged over the period in the context of declining state subsidies, and set targets in the enrolment plans with consideration for the implications of the White Paper on Post- School Education and Training as it relates to funding arrangements within institutions of higher learning.

Please consider the academic years 2011 to 2015, and 2016 to the extent available.

Admission and registration statistics for NMMU first-time entering undergraduate students 2014, 2015 and 2016

2014

Field	No of Applicants	No of Admissions	No of Registrations	% of Applicants admitted	% of Admitted students that
Science, Engineering & Technology	11792	3107	1889	26%	61%
Business & Management Sciences	7166	3438	2298	48%	67%
Education	1842	481	220	26%	46%
Other Humanities	4147	1641	832	40%	51%
Total	24947	8667	5239	35%	60%

13% of students that were not admitted did not provide all the necessary documentation of did not pay the admission fee
 8% of students that were not admitted applied for programmes that had reached their capped numbers
 79% of students that were not admitted did not meet the admission criteria or did not come for admission testing

2015

Field	No of Applicants	No of Admissions	No of Registrations	% of Applicants admitted	% of Admitted students that
Science, Engineering & Technology	11890	3370	2154	28%	64%
Business & Management Sciences	5963	2965	2002	50%	68%
Education	1540	492	362	32%	74%
Other Humanities	4081	1520	1082	37%	71%
Total	23474	8347	5600	36%	67%

11% of students that were not admitted did not provide all the necessary documentation of did not pay the admission fee
 9% of students that were not admitted applied for programmes that had reached their capped numbers
 80% of students that were not admitted did not meet the admission criteria or did not come for admission testing

2016

Field	No of Applicants	No of Admissions	No of Registrations	% of Applicants admitted	% of Admitted students that registered
Science, Engineering & Technology	18761	3558	2128	19%	60%
Business & Management Sciences	8680	2937	2150	34%	73%
Education	3170	523	356	16%	68%
Other Humanities	5795	1496	1060	26%	71%
Total	36406	8514	5694	23%	67%

25% of students that were not admitted did not provide all the necessary documentation of did not pay the admission fee
 7% of students that were not admitted applied for programmes that had reached their capped numbers
 68% of students that were not admitted did not meet the admission criteria or did not come for admission testing

- 1) Please indicate the number of students who applied but were refused first year admission per broad field of study

Field	No of Applicants	No of Admissions	No of Applicants not admitted <u>2014</u>
Science, Engineering & Technology	11792	3107	8685
Business & Management Sciences	7166	3438	3728
Education	1842	481	1361
Other Humanities	4147	1641	2506
Total	24947	8667	16280

Field	No of Applicants	No of Admissions	No of Applicants not admitted <u>2015</u>
Science, Engineering & Technology	11890	3370	8520
Business & Management Sciences	5963	2965	2998
Education	1540	492	1048
Other Humanities	4081	1520	2561
Total	23474	8347	15127

Field	No of Applicants	No of Admissions	No of Applicants not admitted <u>2016</u>
Science, Engineering & Technology	18761	3558	15203
Business & Management Sciences	8680	2937	5743
Education	3170	523	2647
Other Humanities	5795	1496	4299
Total	36406	8514	27892

a) The principal reasons for refusal.

2014	2015	2016
13% of students that were not admitted did not provide all the necessary documentation or did not pay the admission fee	11% of students that were not admitted did not provide all the necessary documentation or did not pay the admission fee	25% of students that were not admitted did not provide all the necessary documentation or did not pay the admission fee
8% of students that were not admitted applied for programmes that had reached their capped numbers	9% of students that were not admitted applied for programmes that had reached their capped numbers	7% of students that were not admitted applied for programmes that had reached their capped numbers
79% of students that were not admitted did not meet the admission criteria or did not come for admission testing	80% of students that were not admitted did not meet the admission criteria or did not come for admission testing	68% of students that were not admitted did not meet the admission criteria or did not come for admission testing

b) Whether any were refused admission to the next academic year (other than for reasons of failure the previous year), and if so, how many and for what reasons.

NMMU has a student debt policy that does not allow students to register with outstanding debt. Historical information on students that did not return for reasons other than poor academic performance was not collected. From 2016, NMMU introduced a debt relief process and assisted 1531 students to the amount of R21.7 million with NMMU assisted NSFAS loan funding for financially needy, academically deserving students.

- 2) The number of students accommodated in residences provided by the institution.
- The cost to each student of such accommodation, and the cost to the institution of providing it. A distinction should be made between university owned-residences and privately leased accommodation.
 - The NSFAS allocation received per student for such accommodation.

		2011	2012	2013	2014	2015	2016
2 (a)	<u>NMMU RESIDENCES:</u>	Fee raised	Fee raised	Fee raised	Fee raised	Fee raised	Fee raised
	2ND AVENUE	2,432,844	2,642,840	2,789,668	2,988,150	3,224,400	3,209,760
	GEORGE	3,850,162	4,327,282	6,102,729	7,907,111	9,018,967	9,955,450
	NORTH	6,925,224	7,481,600	7,935,016	8,528,400	9,118,760	9,196,680
	SOUTH	3,686,576	4,009,060	4,364,328	2,996,790	5,126,790	5,134,650
	SOUTH	3,426,592	3,694,530	4,025,568	4,335,840	4,737,740	4,730,000
	SOUTH	3,635,000	3,942,530	4,290,144	6,306,290	4,979,430	5,052,780
	SOUTH	4,025,420	4,361,410	4,760,556	4,389,710	4,783,940	4,778,200
	STUDENT VILLAGES	2,237,862	3,124,460	3,398,093	4,192,010	4,592,619	4,151,380
	STUDENT VILLAGES	8,577,300	9,254,020	10,096,272	10,837,810	11,616,930	11,632,440
	STUDENT VILLAGES	-	-	-	4,306,280	9,237,442	9,224,712
	STUDENT VILLAGES	2,744,780	3,064,828	3,212,040	3,308,232	3,970,970	3,966,270
	COST/STUDENT	41,541,760	45,902,560	50,974,414	60,096,623	70,407,988	71,032,322
	NO OF STUDENTS	2,865	2,898	2,870	3,138	3,279	3,285
	<u>LEASED ACCOMMODATION:</u>						
	COST/STUDENT	2,737,169	3,775,547	27,334,701	32,586,229	33,128,142	40,218,610
	NO OF STUDENTS	165	165	659	1,140	1,178	1,526
	TOTAL ACCOMMODATION COSTS	44,278,929	49,678,107	78,309,115	92,682,852	103,536,130	111,250,932
	TOTAL NO OF STUDENTS	3,030	3,063	3,529	4,278	4,457	4,811
2(b)	NSFAS ALLOCATION	23,163,937	25,982,429	36,882,430	53,387,595	69,830,561	69,791,011

- 3) Whether students receive free or partially free tuition as a *quid pro quo* for school results or results at the institution in question, and if so, the number of such students and the relevant fields of study.

Merit bursaries allocated : 2011 - 2016 (All fields of study)												
	2011		2012		2013		2014		2015		2016	
	Amount	No Std's	Amount	No Std's	Amount	No Std's	Amount	No Std's	Amount	No Std's	Amount	No Std's
1st Years	5,136,500	871	5,602,000	918	5,697,000	968	7,927,250	1,346	6,967,750	1,230	7,964,250	1,230
Snr's	5,900,270	1,210	5,490,850	1,348	5,339,000	1,308	5,064,000	1,347	5,307,625	1,451	6,041,625	1,780
Total	11,036,770	2,081	11,092,850	2,266	11,036,000	2,276	12,991,250	2,693	12,275,375	2,681	14,005,875	3,010

- 4) A schedule of **selected** tuition fees for the institution. The schedule should include the relevant line items constituting the applicable tuition fee.
- The main considerations in setting tuition fees charged per field of study, course, degree, certificate or diploma. Indicate any cost drivers that give rise to Higher Education Price Index.

Annual tuition fees are increased across the board. The NMMU utilises an affordability model that indicates the cost (direct and indirect) per module and programme. A few years ago, an adjustment to the tuition fee baseline was made for departments that were not breaking even after allocation of indirect costs.

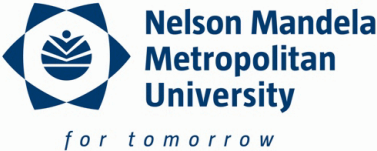
Tuition fees for the department were adjusted above the annual tuition across the board increase over a three year migration period

- b) Fixed and variable tuition fee components which are non-negotiable (and explain) and which can be considered “non-essential” for purposes of delivering a quality academic qualification.

NMMU charges a fixed fee per module / course which is all inclusive.

- c) How tuition fee cross-subsidisation is decided.

Budgets are allocated to faculties based on an Academic Resource Allocation Model (RAM). Drivers include teaching input units, teaching output units, research output units, fees and student staff ratio norms weighted per faculty with a top slice for strategic allocations / cross subsidisation.

 Nelson Mandela Metropolitan University <i>for tomorrow</i>				
NMMU FEES LIST 2016				
The fees shown here are approximate estimates as fees are levied per module.				
These fees are based on the proposed curriculum.				
If electives are permitted in a curriculum, the cost can differ substantially.				
<u>FACULTY OF ARTS</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
<u>Diplomas</u>	R	R	R	R
Advanced Certificate in Education: Arts and Culture	5,610	5,610		
National Diploma: Graphic Design	30,710	31,500	33,900	36,620
National Diploma: Fine Art	30,710	42,300	20,650	36,960
National Diploma: Fashion	32,000	32,590	34,210	36,620
National Diploma: Ceramic Design	31,890	32,500	34,310	36,960
National Diploma: Photography	30,710	32,210	34,030	36,620
National Diploma: Textile Design & Technology	30,710	32,560	28,860	36,620
National Diploma: Journalism	15,770	16,190	13,890	17,970
National Diploma: Public Relations Management	19,570	18,690	11,420	21,130
National Diploma: Architectural Technology	20,950	29,530	13,290	26,580
National Diploma: Interior Design	24,410	26,320	22,180	29,120
National Diploma: Public Management	18,210	14,040	16,200	27,990
Diploma in Music Education	30,470	31,890	30,950	
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS

Baccalaureus Artium	29,510	25,270	34,230	
Baccalaureus Musicae (various curriculums)	30610 - 31650	34000 - 34640	32 470 - 36070	32600 - 35 650
Baccalaureus Musicae Educationis	30,470	33,000	33,060	35,550
Bachelor of Architectural Studies	35,340	32,450	30,570	
Baccalaureus Administrationis	25,100	31,000	23,490	
Baccalaureus Artium (Media, Communication and Culture)	25,510	26,960	27,540	
<u>FACULTY OF BUSINESS & ECONOMICS SCIENCES</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
National Diploma: Human Resource Management	16,240	11,030	17,740	17,580
National Diploma: Cost & Management Accounting	20,110	18,430	19,550	18,280
National Diploma: Financial information Systems	18,320	19,750	21,350	24,370
National Diploma: Internal Auditing	20,110	18,430	21,830	24,570
National Diploma: Management	22,950	13,390	15,210	14,930
National Diploma: Accounting	20,110	18,430	25,330	
National Diploma: Marketing	22,950	19,040	16,470	16,990
National Diploma: Logistics	22,950	17,590	20,790	20,080
National Diploma: Tourism Management	22,950	17,500	13,130	18,660
National Diploma: Inventory Management	16,420	15,350	15,180	
Diploma: Economics	22,950	17,340	15,340	
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Artium (Human Resource Management)	22,320	26,510	23,570	
Baccalaureus Artium (Development Studies)	24,360	27,410	28,550	
Baccalaureus Commercii (General Accounting)	26,820	25,460	28,320	
Baccalaureus Commercii (Computer Studies & Info Systems)	25,500	27,660	37,340	
Baccalaureus Commercii (Info Systems & Auditing)	27,730	27,540	26,750	
Baccalaureus Commercii (Info Systems & Accounting)	27,730	27,210	26,650	
Baccalaureus Commercii (Info Systems & Business Management)	27,730	26,930	26,000	
Baccalaureus Commercii (Marketing Management)	23,090	20,220	27,500	
Baccalaureus Commercii (Computer Science & Info Systems and Stats)	23,470	22,390	35,130	
Baccalaureus Commercii for Chartered Accountants	26,450	25,120	28,320	
Baccalaureus Commercii (Business Studies)	23,150	21,020	16,710	
Baccalaureus Commercii (Sport & Recreation Management)	25,860	23,860	29,930	
Baccalaureus Commercii (Economics & Statistics)	35,930	26,250	35,340	
Baccalaureus Commercii (Financial Planning)	30,920	36,100	25,940	
Baccalaureus Commercii (Industrial Psychology & HR Management)	29,270	26,390	23,170	27,840
Baccalaureus Commercii (Law)	25,210	30,870	25,460	
Baccalaureus Commercii Rationum (Econ & Business Management)	23,300	25,080	29,420	27,840
Baccalaureus Commercii Rationum (Law)	25,080	24,440	25,490	27,840

Baccalaureus Commercii Rationum (Computer Science & Info Systems)	28,090	22,550	30,050	27,840
<u>FACULTY OF ENGINEERING, BUILT ENVIRONMENT AND IT</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Higher Certificate in ICT User Support Services	12,050			
National Diploma: Building	23,220	15,900	27,930	
National Diploma: Engineering : Civil	26,200	5,040	24,800	36,770
National Diploma: Engineering : Electrical	29,150	15,580	17,410	32,670
National Diploma: Engineering : Electrical (Extended Program)	19,540	23,780	23,360	32,670
National Diploma: Engineering : Industrial	30,660	29,120	4,600	23,900
National Diploma: Engineering : Mechanical	35,890	28,930	5,070	25,870
National Diploma: Operations Management	11,010	10,520	14,580	28,020
National Diploma: Information Technology (Communication Networks)	20,640	19,890	21,580	24,740
National Diploma: Information Technology (Support Services)	20,640	17,520	20,080	
Baccalaureus Technologiae: Quantity Surveying				25,570
Baccalaureus Technologiae: Construction Management				27,640
Baccalaureus Technologiae: Quality				19,930
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Scientiae in Construction Economics	24,750	27,140	30,680	
Baccalaureus Scientiae in Construction Economics - Computer Science	25,630	30,480	31,640	
Baccalaureus Scientiae in Construction Studies	30,090	28,170	30,500	
Baccalaureus Scientiae Honours in Construction Management				48,930
Baccalaureus Scientiae Honours in Quantity Surveying				38,720
Bachelor of Engineering in Mechatronics	33,820	35,920	39,830	41,670
<u>FACULTY OF SCIENCES</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
National Diploma: Agricultural Management	24,740	30,450	7,480	32,220
National Diploma: Game Ranch Management	32,690	39,470	2,810	26,660
National Diploma: Analytical Chemistry	39,110	25,650	3,720	22,180
National Diploma: Polymer Technology	30,900	32,090	3,760	22,180
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Scientiae	32,080	30,070	31,310	
Baccalaureus Scientiae Information Systems	28,350	24,040	32,200	
<u>FACULTY OF HEALTH SCIENCES</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS

National Diploma: Biomedical Technology				
Higher Certificate in Pharmacy support	34,270			
National Diploma: Biomedical Technology	28,180	27,630	13,680	22,640
National Diploma: Environmental Health	31,120	22,700	22,700	17,220
National Diploma: Radiography : Diagnostic	23,220	17,390	16,990	17,690
National Diploma: Sport Management	23,160	23,590	15,460	16,970
Diploma in Community Science	31,000			
Diploma in Nursing Education	15,530	15,530		
Diploma in Nursing Administration	14,370	14,370		
Diploma in Nephrology Nursing Science	12,420			
Diploma in Community Nursing Science	24,380			
Diploma in Nursing Education	12,220	12,220		
Diploma in Nursing Administration	11,290	11,290		
Diploma in Nephrology Nursing Science	9,760			
Postgraduate Diploma in Health Welfare Management	15,660			
<u>Degrees</u>				
Postgraduate Diploma in Health Welfare Management	18,100	18,100		
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Bachelor of Human Movement Science	24,990	29,270	19,890	
Baccalaureus Psychologiae (Sport Psychology)	24,160	24,370	31,480	22,570
Bachelor of Social Work	26,690	26,510	32,060	27,710
Baccalaureus Psychologiae (Counselling)			23,140	22,610
Baccalaureus Pharmaciae	30,000	30,980	29,750	30,810
Baccalaureus Pharmaciae (new intake)	30,550	29,790	33,260	34,750
Baccalaureus Curationis	26,260	29,320	31,670	28,530
Baccalaureus Artium in Youth Work	21,860	25,970	26,430	
Baccalaureus Artium in Social Work	16,800	25,610	23,980	
Baccalaureus Artium (Human Movement Science)	31,870	33,270	37,720	
Baccalaureus Artium (Psychologiae)	33,650	30,620	32,820	
Bachelor of Science in Dietetics	33,260	30,640	28,960	32,830
<u>FACULTY OF EDUCATION</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Advanced Certificate in Education (Language)	5,410	5,160		
Advanced Certificate in Education (Mathematical Literacy)	3,310	3,310		
Advanced Certificate in Education (School Leadership)	4,260	5,900		
Advanced Certificate in Education (SNE Remedial)	6,120	6,570		
Post Graduate Certificate in Education	25,430			
<u>Degrees</u>				
Baccalaureus Educationis (Foundation Phase)				
Baccalaureus Educationis: (Intermediate Phase)				
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Educationis (Foundation Phase)	25,700	25,640	22,470	25,590
Baccalaureus Educationis (Intermediate Phase)	25,700	23,660	19,300	23,600

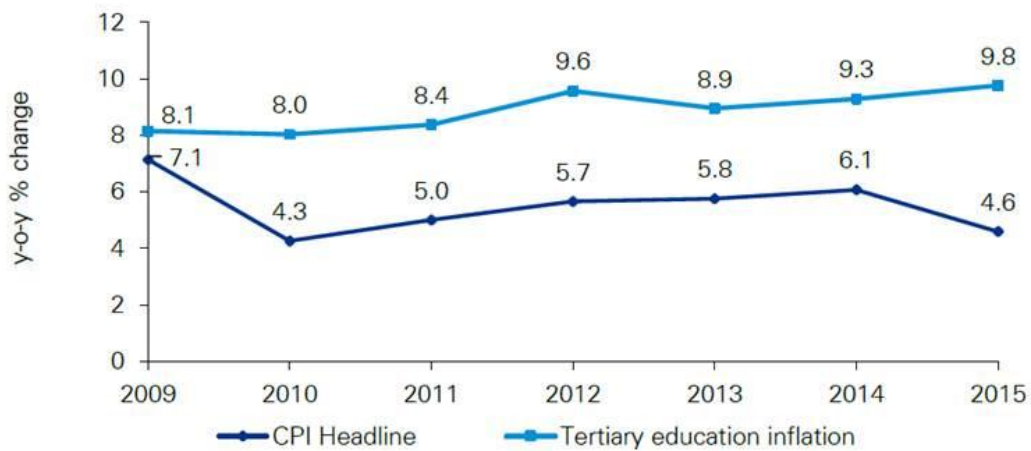
Baccalaureus Educationis: (FET)	24,110	19,650	22,040	8,460
<u>FACULTY OF LAW</u>				
<u>Degrees</u>				
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Legum (LLB)	23,860	22,290	22,290	28,830
Baccalaureus Legum Extended Curriculum (LLB Ext)	27,500	20,700	22,470	22,480
<u>GEORGE CAMPUS</u>				
<u>Diplomas</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
National Diploma: Marketing (phased in)	20,870	17,160		
National Diploma: Marketing (Extended Programme)	15,380	13,490		
National Diploma: Tourism Management	15,530	16,460	8,560	18,430
National Diploma: Management (phased in)	21,090	14,390		
National Diploma: Management (Extended Programme)	15,380	13,490		
National Diploma: Tourism Management (phased in)	20,870	17,600		
National Diploma: Tourism Management (Extended Programme)	15,380	13,490		
National Diploma: Agricultural Management	29,530	22,670	22,510	24,580
National Diploma: Nature Conservation	33,210	30,250	7,930	16,930
National Diploma: Wood Technology	26,440	8,120	31,340	16,340
National Diploma: Game Ranch Management	36,540	38,500	2,950	22,410
National Diploma: Forestry	27,320	9,330	29,910	17,880
<u>Degrees</u>	1ST YEAR	2ND YEAR	3RD YEAR	BTECH/HNRS
Baccalaureus Educationis (FET)	35,540	24,850	21,470	34,480
Baccalaureus Commercii: Accounting	34,170	29,780	25,780	
Baccalaureus Commercii: General Accounting	34,170	24,380	32,240	
Baccalaureus Commercii: Economics	35,250	24,690	25,640	
Baccalaureus Commercii: Business Management	33,390	24,600	33,570	
Baccalaureus Commercii: Business Management	32,910	28,370	26,050	
The fees shown here are approximate estimates as fees are levied per module. These fees are based on the proposed curriculum, and if electives are permitted in a curriculum, the cost can differ substantially.				

5) Tuition fee increases for 2011, 2012, 2013, 2014 and 2015 and the reasons for this level of increase.

NMMU fee increments (2011-2016)					
2011	2012	2013	2014	2015	2016
8%	8%	7%	8,5%	9,5%	0%

As can be seen from Figure 1 below, NMMU fee increments since 2011 have consistently been below the Higher Education Price Index (HEPI) pointing to the fact that NMMU has made every attempt to promote affordability without compromising on quality.

Figure 1: Tertiary education inflation compared to CPI headline



Source: KPMG calculations based on StatsSA data for consumer prices

6) Measures which have been taken to reduce tuition fees and the field of study where this has been achieved.

Please refer to question 4(a) for undergraduate tuition fees.

NMMU conducted a benchmarking exercise to compare postgraduate fees with other universities in South Africa. As a result of this, a smoothing exercise was undertaken in a phased manner from 2013-2015 to ensure internal and external parity with reductions in fees in Pharmacy and Science.

7) Data on privately funded sponsorships or bursaries (and as a percentage of second stream funding).

	Private Sponsorships/ Bursaries as % of 2nd Stream Income					
	2011	2012	2013	2014	2015	2016 (30 Sep)
Sponsorships/Bursaries	5,861,365	7,093,607	9,846,906	12,197,481	12,198,511	13,270,180
Fees raised (Tuition & Accommodation)	405,213,415	447,081,400	509,830,351	573,823,757	635,832,141	697,459,855
Percentage	1.4	1.6	1.9	2.1	1.9	1.9

8) Explain the process followed and criteria applied by the institution's financial aid office in identifying students who need financial assistance.

Firstly, all registered students are regarded as applicants. NMMU's number of NSFAS qualifying students have always exceeded the amount for funding available, therefore the NSFAS list of "approved but unfunded due to insufficient funds" forms the basis of NMMU's financial aid allocations. Therefore, as private sponsorships/bursaries become available, suitable candidates are moved from the NSFAS loan funding to the bursaries funding, freeing up NSFAS loan funding for those "approved but unfunded" group.

- a) Of these; how many students benefited from the state allocation received under the NSFAS allocation in each year.

	2011	2012	2013	2014	2015	2016
No NSFAS std's	4,985	4,735	5,772	5,951	5,558	5,073

- b) What is the difference between the NSFAS allocation per funded student place and the actual cost of study (tuition fee and full cost of study).

NSFAS "shortfalls" refers to two different situations, e.g. one where certain costs are not covered by NSFAS because of their nature; e.g.

- (i) sundry fees
- (ii) repeat subjects
- (iii) Sundry Fees such as Society and Gym membership fees

These costs are the student's responsibility.

Then there are also cases where the total cost of study exceeds the NSFAS maximum loan amount. Normally universities would provide what is called "top- up" funding to cover the shortfall.

- c) How the institution made up for any shortfall and in respect of how many students.

NMMU provides loans administered by NSFAS to assist students that experience shortfalls in their funding.

- d) The amount of university money used to contribute to the tuition fees of poor/ 'missing-middle' students.

2011	2012	2013	2014	2015	2016
1,391,022	2,275,525	5,877,439	14,896,988	7,600,220	24,889,636

- e) The degree of the current student debt flowing from the NSFAS shortfall and the degree of recovery and right-off.

The shortfall of NSFAS approved students is not carried as student debt as loan funding is provided via NSFAS. The recovery rate is therefore equal to the NSFAS recovery rate.

- 9) Regarding the zero percent decision for 2016, please indicate:
- a) How much your institution received in state subsidies to cover the 0% increase and the extent, if any, of the shortfall?
 - b) The impact on any shortfall on operational costs or academic offering.
 - c) Measures adopted by the institution to increase its budget in the last 5 years.

- d) Whether, and to what extent, the 2016 zero percent fee increase impacted on staff employment and retention (including management, academic, administrative and other support staff).
- e) Whether, and to what extent, the zero percent fee increase impacted on:
 - i) The student: staff ratio.
 - ii) Staff salaries.

The 0% fee resulted in R52 million shortfall (R46 million tuition fees; R6 million residence fees). 70% of the shortfall is budgeted for as a fee shortfall subsidy from DHET which is R36.4 million (R32.2 million tuition fees; R4.2 million residence fees).

The impact of the 0% fee increase was mitigated through the implementation of a moratorium on the filling of administrative staff vacancies and various austerity measures to contain operational costs.

As a result of NMMU's debt and down payment relief measures for poor and "missing middle" students in 2016, headcount enrolments increased by 5.9% from 26250 in 2015 to 27791 to 2016. This will have an impact on student: staff ratios from 2017 onwards.

- 10) Considering the 2013 White Paper for Post School Education and Training target of 1.6 million students by 2030:
 - a) Does the institution have capacity to accommodate more enrolments within their current infrastructure and related resources?

NMMU currently has 27 801 headcount enrolments of which only 5 are enrolled in distance mode. The latter is being phased out. NMMU commissioned a space utilisation and optimisation study on all its campuses during 2015, which showed that (in the main) NMMU had adequate space for current enrolments. The South Campus, however, is congested with 46% (12 806) of the total enrolments.

The distribution of enrolments per Campus is shown in the table below.

Campus Name	Contact	Distance	Mixed Mode	Grand Total	% Enrolments
SUMMERSTRAND SOUTH	12806		7	12813	46%
SUMMERSTRAND NORTH	6302			6302	23%
GEORGE CAMPUS	1440			1440	5%
SECOND AVENUE CAMPUS	5461			5461	20%
MISSIONVALE CAMPUS	1735			1735	6%
OFF CAMPUS	52	5		57	0%
Grand Total	27789	5	7	27801	100%

Note: NMMU also has a campus in Bird Street where postgraduate programmes in the Visual Arts are offered. NMMU also recently acquired the CSIR campus to house some of the Health Sciences programmes. The data related to these campuses still need to be linked to the campuses.

The admission statistics reveal that approximately 8% of the applicants for the academic years 2014 to 2016 could not be admitted due to programmes that were full as a result of restricted capacity. Most of the national diplomas in our Faculty of Business and Economic Sciences have been capped for a number of years due to human and infrastructure capacity constraints.

One of the most pressing infrastructure needs is the need for a building for the School of Architecture which is currently accommodated on the top floor of the Summerstrand South Campus library building. Since the merger of the Departments of Architecture and Architectural Technology and Interior Design in 2007, space has become a major problem as highlighted in the South African Council for the Architectural Professions Accreditation Inspection Report of 2010. The entire floor had previously been occupied by the Department of Architecture and with the merging of three programmes the student numbers within the School increased to approximately 600 in 2009. The student working studio spaces were lost and therefore the on-campus studio culture has dissipated. The School of Architecture has produced architectural professionals who have excelled both nationally and abroad and the School is often referred to as one of NMMU's flagship centres of excellence. However, to maintain this level of excellence, the School needs to be relocated to a fit-for-purpose building and the vacated space within the library will be refurbished to make provision for study and research spaces for ever-increasing postgraduate enrolments on the Summerstrand South Campus.

NMMU is fulfilling a critical role in responding to Government's Operation Phakisa plans to address widespread poverty, unemployment and socio-economic inequality through optimising the potential of the oceans economy. NMMU is planning to offer a wide range of programmes in ocean sciences with the approval and support of the DHET. However, such a rapid expansion strategy for ocean sciences needs to be accompanied by the requisite infrastructure and equipment to realise our growth targets. Furthermore, it must be noted that the establishment of a dedicated ocean sciences campus at NMMU needs to be in close proximity to our contributing faculties which are located on the Summerstrand North and South Campuses. In terms of the space utilisation norms of the Department of Higher Education and Training, these campuses are being utilised at levels close to their enrolment carrying capacity and therefore cannot absorb any significant additional growth in new strategic directions.

NMMU has also been given the support of the DHET to expand the enrolments and programme offerings within our faculty of health sciences over the next 3-5 years as NMMU evolves towards establishing a medical school. The NMMU would also need adequate infrastructure funding for the establishment of a medical school as well as a facility to offer the basic sciences for the medical students.

The establishment of an ocean sciences campus as well as a medical school are the two top infrastructure priorities of NMMU. The other three top infrastructure development priorities include the provision of good quality, affordable student accommodation, modernised technology-enabled lecture venues, and the further development of disability-friendly infrastructure and facilities.

b) If not, is it capable of expanding its infrastructure and resources for such purpose and to what extent?

It is estimated that the NMMU would need R500 million for additional infrastructure developments over the short to medium term for these approved urgent infrastructure developments. All expansions of infrastructure and resources will have to be from external funding. The NMMU does not have the capital resources for these expansions.

c) What is the estimated cost and other implications of such expansion?

In order for the system to reach an enrolment of 1.6 million by the year 2030 the headcount enrolments in the system will have to grow by 3.6% on average per annum taken the audited 2014 HEMIS headcount enrolments as a basis. In its revised enrolment plan the NMMU has made provision for a 1.9% annual average increase in enrolments. If the NMMU had to grow by an average annual growth rate of 3.6% the income of the NMMU would have to increase considerably. National Treasury commissioned models for the costing of the various education and training sectors for the implementation of the White Paper for Post-School Education and Training. There are models for Universities, TVET Colleges and CET colleges which calculates exactly how much funding would be needed to achieve the NDP targets. The models also have the capacity to allow various assumptions and changes in targets.