



MATHEMATICS PROGRAM KPI'S

KPI refers to the key performance indicators the programs used in the SSRP and are approved by the institution (if applicable at this time). This includes both the NCAAA suggested KPIs chosen and all additional KPIs determined by the program (including 50% of the NCAAA suggested KPIs and all others).

Target Benchmark refers to the anticipated or desired outcome (goal or aim) for each KPI.

Actual Benchmark refers to the actual outcome determined when the KPI is measured or calculated.

Internal Benchmarks refer to comparable benchmarks (actual benchmarks) from inside the program (like data results from previous years or data results from other departments within the same college).

External Benchmarks refer to comparable benchmarks (actual benchmarks) from similar programs that are outside the program (like from similar programs that are national or international).

KPI Analysis refers to a comparison and contrast of the benchmarks to determine strengths and recommendations for improvement.

New Target Benchmark refers to the establishment of a new anticipated or desired outcome for the KPI that is based on the KPI analysis.

Mathematics Program KPI and Assessment Table

Standard 3 Management of Quality Assurance and Improvement

H-3	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Students overall evaluation on the quality of their learning experiences.	75%	60%				80%
1.1	Advice and Support	95%	93%				100%
1.2	Learning Resources and Facilities	90%	87%				100%
1.3	Learning and Teaching	85%	83%				100%
1.4	Help and Support for my Learning	95%	91%				100%
1.5	Resources to Support my Learning	80%	73%				100%
1.6	Evaluation of my Learning	80%	79%				100%
2	Proportion of courses in which student evaluations were conducted during the year.	55%	50%				60%

Standard 4 Learning and Teaching

H-4	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Ratio of students to teaching staff(Based on full time equivalents)	1:10	1 :10				1 :10
2	Students overall rating on the quality of their courses.	75%	60%				80%
2.1	Questions about the start of the course	85%	81%				100%
2.2	Questions about what happened during the course	85%	80%				100%
2.3	Evaluation of the Course	80%	78%				100%
3	Proportion of teaching staff with verified doctoral qualifications.	80%	75%				85%
4	Percentage of students entering programs who successfully complete first year.	50%	3.65%				55%
5	Proportion of students entering undergraduate programs who complete those programs in minimum time.	20%	17.3%				25%

6	Proportion of graduates from undergraduate programs who within six months of graduation are: (a) employed (b) enrolled in further study not seeking employment or further study.	a- 45% b- 10%	a- 42% b- 5%				a- 50% b- 15%
Standard 5 Student Administration and Support Services							
H-5	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Ratio of students to administrative staff	1:7	1 :9				1:5
2	Proportion of total operating funds (other than accommodation and student allowances) allocated to provision of student services						
3	Student evaluation of academic and career counselling.	75%	65%`				80%
Standard 6 Learning Resources							
H-6	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Number of book titles held in the library as a proportion of the number of students.	15 :1	12:1				20:1
1	Number of web site subscriptions as a proportion of the number of programs offered.	15:1	10:1				20:1

3	Number of periodical subscriptions as a proportion of the number of programs offered.	15:1	13:1				20:1
4	Student evaluation of library services. (Average rating on adequacy of library services on a five point scale in an annual survey of program students.)						
Standard 7 Facilities and Equipment							
H-7	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Annual expenditure on IT as a proportion of the number of students	8000:1	6000:1				10000:1
2	Number of accessible computer terminals per student	2:1	3:1				1:1
3	Average overall rating of adequacy of facilities and equipment in a survey of teaching staff	75%	70%				80%
4	Internet bandwidth per user						
Standard 8 Financial Planning and Management							
H-8	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark

1	Total operating expenditure (other than accommodation and student allowances) per student.						
Standard 9 Employment Processes							
H-9	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Proportion of teaching staff leaving the institution in the past year for reasons other than age retirement	7%	10%				5%
2	Proportion of teaching staff participating in professional development activities during the past year	90%	80%				100%
Standard 10 Research							
H-10	List of Program KPIs Approved by the Institution	KPI Target Bench mark	KPI Actual Bench mark	KPI Internal Bench marks	KPI External Bench marks	KPI Analysis	KPI New Target Bench mark
1	Number of refereed publications in the previous year per full time equivalent member of teaching staff. (Publications based on the formula in the Higher Council Bylaw excluding conference presentations)	20	19				20
2	Number of citations in refereed journals in the previous year per full time equivalent teaching staff	20	19				20

[illegible]