

**Biology Program KPI and Assessment Table**

<b>KPI #</b>	<b>KPI</b>	<b>KPI Target Benchmark</b>	<b>KPI Actual Benchmark</b>	<b>KPI Internal Benchmarks BSc Biology (Al-Jouf University, Skaka, KSA)</b>	<b>KPI External Benchmarks BSc Biology (Waterloo university, Ontario, Canada)</b>	<b>KPI Analysis</b>	<b>KPI New Target Benchmark</b>
1	Students overall evaluation on the quality of their learning experience	5.0 (100 %)	4.0 (80 %) Program evaluation survey	No data available	79 % satisfied (170 survey, only 73 responded) <a href="http://www.unistats.direct.gov.uk">www.unistats.direct.gov.uk</a>	See below the table	5.0
2	Proportion of courses in which students' evaluations were conducted during the year	4.0 (80 %)	1.0 (20 %) Course evaluation survey	No data available	No data available	See below the table	4.0
3	Students overall rating on the quality of their courses	5.0 (100 %)	3.5 (75 %) Course evaluation survey	No data available	79 % satisfied (170 survey, only 73 responded) <a href="http://www.unistats.direct.gov.uk">www.unistats.direct.gov.uk</a>	See below the table	5.0
4	Proportion of teaching staff with verified doctoral qualifications	5.0 (100%)	5.0 (100%)	No data available	5.0 (100%)	See below the table	5.0 (100%)
5	Percentage of students	4.5 (85 %)	3.9 (78 %)	No data	No data	See below the	4.5 (85 %)

	<b>entering the program who successfully completed the first year</b>		<b>Department al 5 years cohort analysis</b>	<b>available</b>	<b>available</b>	<b>table</b>	
<b>6</b>	<b>Number of referred publications in the previous year per full time equivalent teaching staff</b>	<b>4.0 (80%)</b>	<b>3.5 (70%) Annual Department al research outcome analysis</b>	<b>No data available</b>		<b>See below the table</b>	<b>4.0 (80%)</b>

**1Whole Program Analysis of KPIs and Benchmarks: (list strengths and recommendations)**

- (1)- Students overall evaluation on the quality of their learning experience:**
- (2)- Proportion of courses in which students' evaluations were conducted during the year:**
- (3)- Students overall rating on the quality of their courses:**
- (4)- Proportion of teaching staff with verified doctoral qualifications:**
- (5)- Percentage of students entering the program who successfully completed the first year:**
- (6)- Number of referred publications in the previous year per full time equivalent teaching staff:**

**In 2016 the teaching staff members in the BSc biology program at the department of Biology were able to publish a total of (15) research articles in reputable international journals, most of which are well indexed (ISI, Scopus, PubMed), some of which with good impact factor (ISI Impact Factor). In addition to a number of manuscripts submitted in November and December 2016, and if accepted, should be published in 2017. These research articles were varied between collaboration between departmental microbiology group (5 research articles), and collaboration between departmental biology group and researchers from other departments within UQU as well as researchers from other institutions (e.g. King Saud University, Egypt; Ain Shams university). Given the vast research**

experience and enthusiasm of the biology teaching staff members we consider that the number of publications in 2016 (15 in total) is somewhat less than what we hope. This is possibly due to multi factors associated with the research projects and/or the involvement of teaching staff members with their teaching and other departmental duties. We aim to increase the number of research publications in 2017 keeping mind maintaining the quality of research and searching for more collaborations with researchers within UQU various departments and local universities in Saudi Arabia and beyond.

**NOTE** The following definitions are provided to guide the completion of the above table for Program KPI and Assessment.

**KPI** refers to the key performance indicators the program used in its SSRP. 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.

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

**Internal Benchmarks** refer to comparable benchmarks (actual findings) 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 findings) 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.