

Master of Cybersecurity and Digital Forensics – Program KPIs (2021-22)

Standard	Code	Key Performance Indicators	Description	Actual performance	Targeted performance level	Internal reference (Internal benchmark)	External reference (External benchmark**)	New target performance level
-1- Mission and Goals	KPI-PG-01	Percentage of achieved indicators of the program operational plan objectives	Percentage of performance indicators of the operational plan objectives of the program that achieved the targeted annual level to the total number of indicators targeted for these objectives in the same year	81%	85%	-	100%	85%
-3- Teaching and Learning	KPI-PG-02	Students' Evaluation of quality of learning experience in the program	Average of overall rating of final year students for the quality of learning experience in the program on a five-point scale in an annual survey	4.3	4.5	-	4.81	4.5
	KPI-PG-03	Students' evaluation of the quality of the courses	Average students overall rating for the quality of courses on a five-point scale in an annual survey	4.5	4.5	-	4.7	4.5
	KPI-PG-04	Students' evaluation of the quality of scientific supervision	Average students' overall rating of the quality of scientific supervision on a five-point scale in an annual survey.	80%	80%	-	4.64	80%

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	KPI- PG- 05	Average time for students' graduation	Average time (in semesters) spent by students to graduate from the program.	2 years	2 years	-	2 years	2 years
	KPI- PG- 06	Rate of students dropping out of the program	Percentage of students who did not complete the program to the total number of students in the same cohort.	22% (In First Semester)	10%	-	2%	10%
	KPI- PG- 07	Graduates' employability	Percentage of graduates from the program who within a year of graduation were employed to the total number of graduates in the same year.	Not Measured	80%	-	Not available	80%
	KPI- PG- 08	Employers' evaluation of the program graduates' competency	Average of overall rating of employers for the competency of the program graduates on a five point scale in an annual survey.	Not Measured	4	-	4.08	4

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-4- Students	KPI-PG-09	Students' satisfaction with the provided services	Average of students' satisfaction rate with the various services provided by the program (food, transportation, sport facilities, academic advising ,) on a five point scale in an annual survey.	86%	90%	-	91.4%	90%
	KPI-PG-10	Ratio of students to faculty members	Ratio of the total number of students to the total number of full-time and full-time equivalent faculty members participating in the program.	6:1	6:1	-	4:1	6:1
	KPI-PG-11	Percentage of faculty members' distribution based on academic ranking	Percentage distribution of faculty members participating in the program based on academic ranking.	10% Prof. 40% Associate 50% Assistant	30% Prof. 30% Associate 40% Assistant	-	15% 35% 50%	30% Prof. 30% Associate 40% Assistant
	KPI-PG-12	Proportion of faculty members leaving the program	Proportion of faculty members leaving the program annually for reasons other than age retirement to the total number of faculty members.	9%	0%	-	0%	0%

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-6- Learning Resources, Facilities, and Equipment	KPI-PG-13	Satisfaction of beneficiaries with learning resources	Average of beneficiaries' satisfaction rate with learning resources on a five point scale in an annual survey in terms of: a. a. Their adequacy and diversity (references, journals, databases... etc.) b. The support services provided for their utilization.	4.1	4.5	-	4.36	4.5
	KPI-PG-14	Satisfaction of beneficiaries with research facilities and equipment	Average of beneficiaries' satisfaction rate with research facilities and equipment (depending on the nature of the program) on a five-point scale in an annual survey.	3.8	4	-	4.56	4

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-7- RESEA RCH AND PROJE CTS	KPI- PG- 15	Percentage of publications of faculty members	Percentage of faculty members participating in the program with at least one research publication during the year to total faculty members in the program.	100%	60%	-	57.7%	60%
	KPI- PG- 16	Rate of published research per faculty member	The average number of refereed and/or published research per each faculty member participating in the program during the year (total number of refereed and/or published research to the total number of faculty members during the year)	5	1	-	3.08	2
	KPI- PG- 17	Citations rate in refereed journals per faculty member	The average number of citations in refereed journals from published research (total number of citations in refereed journals from published research for faculty members to the total published research (3.01	1	-	1.31	3.5

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	KPI-PG-18*	Percentage of students' publication	Percentage of students who : a. published their research in refereed journals b. presented papers in conferences to the total number of students in the program during the year.	-	100%	-	Not available	100%
	KPI-PG-19	Number of patents, innovative products, and awards of excellence	Number of : a. Patents and innovative products b. National and international excellence awards obtained annually by the students and staff of the program .	1	1	-	14	1

*KPI-PG-18-No passing batch in 2022

**King Abdulaziz University's MS Cybersecurity Program is considered as external benchmark as it is close to our program.