

Scientific Research Report

Biology Program

2022

Report on Scientific Research Plan of Biology Program 2022

The plan of the Biology program is in line with the mission and objectives of the executive plan of the College Science and the strategic plan of the university and is consistent with providing scientific outcomes in the field of biological sciences through scientific research. On these bases, this plan was developed to achieve some of the objectives that the program seeks to achieve and measure them according to specific indicators.

Mission of the program:

Providing educational outputs to prepare qualified graduates meet the needs of the labor market and scientific research in biology to serve the community.

Objectives of the program:

1. Implementation of academic quality standards in the field of biological sciences.
2. Preparing qualified graduates to meet the needs of the labor market.
3. Providing a distinct educational environment in the field of biological sciences.
4. Providing scientific outcomes in the field of biological sciences through scientific research.
5. Providing advice and services in the field of biological sciences to the Saudi community.

Execute objectives:

1. Increasing the number of publications in peer-reviewed journals of biological sciences.
2. Students' participation in scientific research.
3. Students' participation in the scientific forum.
4. Participation of program staff members in research groups and funded projects.



Report:

Executive objectives	performance Indicators	code	Target	Actual	Internal
Increasing the Participation of program staff members in research groups, funded projects, and publications in peer-reviewed journals of biological sciences.	Percentage of publications of faculty members.	KPI-14	70%	77%	65%
	Rate of published research per faculty member.	KPI-15	1:4	1:5	1:3.7
	Citations rate in refereed journals per faculty member.	KPI-16	12:1	21:1	11:1
	Number of research groups in the program.	KPI-18	2	5	0
	The number of funded research projects obtained by the program per year	KPI-19	17	15	15
Students' participation in scientific research and scientific activity	The number of publications in which the students participated	-	3	1	2
	The percentage students participating in Workshops about scientific research	-	45%	47%	42%
	The percentage of students participating in the scientific forum of the program.	-	40%	45%	36%

	The percentage of students participating in the biology club		40%	45%	36%
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Strengths:

- 1- The actual benchmark of publications of faculty members (77%) is higher than the target (70%) in 2022 and the internal benchmark (65).
- 2- The actual benchmark of citations rate in refereed journals for the academic year 2022 was (21:1). The actual benchmark is higher than the target benchmark (12:1) and the internal benchmark (11:1).
- 3- Number of research groups in the program is higher than the target (actual number is 5 and 2 is the target number).

Weaknesses:

The number of publications in which the students participated must be increased.

Recommendations:

Encourage program members of the biology program to increase the publications in which the students participated.

Action plan 2023

Recommendations	Action plan	Responsible Person	Start Date	Completion Date
Encourage program members of the biology program to increase the publications in which the students participated.	Excellence rewards for publishing research in ISI journals.	Department	August 2022	May 2023

Action Plan Progress Report

Progress on Implementation of Previous Year's Action Plans (2022)

	Planned	Person	Completed	If Not Complete, Give
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Actions Planned	Completion Date	Responsible		Reasons	Proposed action
1. Number of students participating in workshops about scientific research must be increased.	May 2022	Head of department and staff members	Yes	-	-
2. A mechanism should be developed to ensure that program students participate in the publications.	May 2022	Graduation project Committee	Not	Students need more training courses in the field of scientific research	Urging students to attend training courses in scientific research

Program coordinator
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