

Scientific Research Plan

Biology Program

2022

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 in the scientific forum.
4. Participation of program staff members in research groups and funded projects.

Executive plan

Executive objectives	Output	Procedures and activities	Responsibility	Period		budget	Responsible follow-up	Operational KPIs	Target
				From	to				
4.1 increasing the Participation of program staff members in	Database includes the number of research groups, funded projects and	Updating data of the program's research plan 1442.	Program Staff member Scientific Research committee	August 2021	June 2022	80000 SR	Program Coordinator	Percentage of publications of faculty members. (KPI 14)	70%
								Rate of published research per faculty member. (KPI 15)	1:4

research groups, funded projects, and publications in peer-reviewed journals of biological sciences.	publications, in the program.							Citations rate in refereed journals per faculty member. (KPI 16)	12:1
								The number of research groups (KPI 18).	2
								The number of funded research projects obtained by the program per year (KPI 19)	17
4.2 Students' participation in scientific research and scientific activity	Database includes the number of research and participating in the scientific activity in the program	- Publishing research articles in which the students participated.	Program Staff member	September 2021	May 2022	included in the program budget	Program Coordinator	The number of publications in which the students participated.	3
		- Workshops to prepare students to participate in scientific research	Scientific Research committee					The percentage students participating in Workshops about scientific research	45%

		-Workshops to prepare students to participate in the scientific forum.		December 2021	March 2022	included in the program budget	Program Coordinator	The percentage of students participating in the scientific forum of the program.	40%
		students to participate in biology club						The percentage of students participating in the biology club	40%

Program coordinator

Dr. Barakat Al-Rashidi

