

BIOLOGY STUDY PROGRAM FACULTY OF SCIENCE AND TECHNOLOGY UNIVERSITAS ISLAM NEGERI (UIN) SYARIF HIDAYATULLAH JAKARTA

Vision

To become excellent study program in the biological sciences and its application for environmental sustainability and human welfare that is integrated with Islam and Nationalism.

Mission

1. Organizing character education that is based on faith and devotion to Allah SWT.
2. Organizing optimal education and teaching in Biology to produce competent graduates.
3. Carrying out creative and innovative research in Biology for environmental conservation and human welfare.
4. Carrying out community service activities related to biological applications to improve the community's quality of life.
5. Carrying out collaboration with government and non-government study programs.

Objectives

1. Producing graduates who are professional, competent, faithful, pious, and have noble character in the field of Biology.
2. Increasing research in the field of Biology.
3. Increasing the standard of living of the community through the application of Biology.
4. Becoming a leading study program in organizing education, research, and community service.

Graduate Profiles

1. Graduates have biological knowledge and skills, and are able to apply them, especially in biodiversity, biotechnology, and sustainable environments (Academics).
2. Graduates are prepared for lifelong learning through further study, research, or professional activities at the national or international level (Researchers).
3. Graduates can innovate and have an entrepreneurial passion in the field of biology, as well as leadership, communication, and collaboration skills based on Islamic ethics in carrying out their professional practice (Bioentrepreneurs).

Program Learning Outcomes

No.	PLO	PLO Description	PLO Element
1.	PLO 01	Have a strong command of the principles of biology, biodiversity, biotechnology, and the environment.	Mastery of knowledge
2.	PLO 02	Have a strong command of the concept of biological and technological applications that are relevant in the management of biological resources and their environment.	Mastery of knowledge
3.	PLO 03	Have a strong command of the basic principles of mathematics, physics, chemistry, and statistics in understanding problems in the biology.	Mastery of knowledge
4.	PLO 04	Able to solve problems related to biology, through the application of knowledge, biological methods, and relevant technology.	General skills
5.	PLO 05	Able to apply biological science in daily life that benefit society.	General skills
6.	PLO 06	Able to use software, basic instruments, and standard methods to analyze biological data.	General skills
7.	PLO 07	Able to communicate effectively, both orally and in writing, at national and international levels.	General skills
8.	PLO 08	Able to present creative ideas in managing biological resources and their environment.	Specific skills
9.	PLO 09	Able to use technology for analysis and synthesis in the fields of microbiology, ecology, animal and plant science.	Specific skills
10.	PLO 10	Able to manage self-directed learning, think critically, and develop as a lifelong learner while transferring to others.	Attitude
11.	PLO 11	Able to demonstrate attitudes and character that reflect devotion to Allah SWT, a sense of nationalism, and responsibility to the nation and state.	Attitude