

Expected Learning Outcomes

A Bachelor of Biological Science is expected to be able to design, implement and critically evaluate studies/research in Biology that is related to food, health, and biodiversity; to possess applicative problem-solving capabilities and to innovatively develop them in response to the opportunities and challenges of the latest technological developments; and to possess biopreunership skills. To achieve this goal, Biology study program formulates the standard profile of graduates *Standar Capaian Profil Lulusan* (SCPL), or Expected Learning Outcome (ELO), as follows.

1. Having the knowledge and ability to display behavior of a religious, nation-loving and Indonesian culture-loving citizen, with the spirit of the Pancasila, having a sense of self-autonomy to do innovative and adaptive work, according to global development.
2. Mastering basic scientific concepts and procedures to identify, analyze problems/phenomena in the field of science using an empirical approach that is carried out carefully, critically and systematically to appreciate and preserve the creations of God.
3. Mastering basic theoretical concepts of biology in an integrated manner using logical, critical, systematic and innovative thinking through an empirical approach to analyzing various problems in the field of biology to appreciate and preserve God's creations.
4. Applying basic biological concepts, principles, and procedures to design inquiries to solve problems in the fields of health, food and biodiversity by using technology applications so that they can formulate proper solutions and decisions.
5. Being able to design and conduct creative research both independently and in groups to create empowerment and to implement science and technology according to their expertise based on scientific rules, procedures and ethics to generate ideas and solutions.
6. Creatively and innovatively designing and conducting biology project research by using technology applications according to their fields of expertise both independently and in groups to create empowerment based on scientific rules, procedures and ethics to generate solutions and idea.