

Chapter 1

Introduction

1.1 Host Institution Description

The Indonesia International Institute for Life Sciences (i3L) was founded in 2014 by a group of scientists and businesspeople from Indonesia with the goal of offering top-notch instruction and research facilities in the life sciences. It carries out teaching, research, and community service activities. The research and community services activities can be done independently, as part of the courses, or in groups involving both students and lecturers.

Ten undergraduate programs are now available at i3L from its 2 distinct schools. I3L provides undergraduate degrees in biomedicine, biotechnology, food science and nutrition, food technology, and pharmacy at the School of Life Sciences. The undergraduate International Business Management (IBM) program is available at the i3L School of Business. Moreover, i3L has a vision of a “leading and globally connected interdisciplinary institution that impacts the society through science and innovation”. To support this vision, there are several i3L missions as below:

1. “To deliver an inter-, multi-, and transdisciplinary education in life sciences at an international level, as well as to support the development of our students’ scientific and entrepreneurship thinking in accordance to their disciplines”
2. “To conduct collaborative research and development activities in life sciences and business with other higher education institutions, the business sector, and the government.”
3. “To develop innovations in life sciences and implement to improve Indonesia’s quality of life.”
4. “To maintain a continued collaboration with the government and both local and international higher education institutions in order to implement the Tridharma activities.”

1.2 Department Description

Indonesia International Institute for Life Sciences (i3L) provides a pharmacy undergraduate program that has its own uniqueness by putting an emphasis on biopharmacy and advanced medicine. This undergraduate curriculum, which lasts four years, is designed to develop pharmacy graduates who help improve Indonesia's healthcare system. In the top-notch Pharmacy Undergraduate Program at i3L, students learn how to address medical issues. Giving pharmacists a solid basis in research and clinical application is the primary objective of the pharmacy program. In addition, the i3L pharmacy undergraduate program has a vision to become an internationally recognized pharmacy study program in education, research, and innovation by 2034 to accelerate national competitiveness and support national growth. It is also followed by several missions:

- To produce pharmacy graduates that are sophisticated and well-versed in current and future pharmaceutical knowledge and technologies
- To generate research focusing on developing next-generation and top-notch pharmaceutical innovations at national and international levels
- To implement pharmaceutical technologies and innovation to solve community issues and increase health and well being of the population

All i3L students, especially those enrolled in the pharmacy degree, are welcome to participate in a variety of research initiatives. In light of this, it offers the student the chance to work on a research team and gain expertise in the field. Furthermore, i3L offers training, opportunities for community service, and career development. Moreover, the organizational structure of i3L pharmacy includes the Head of Pharmacy and all pharmacy faculty members under the Dean of the School of Life Science.