

Master of Science Program in Bioinnovation and Entrepreneurship
(International) (Multidisciplinary)

1. Degree and Field of Study: Master of Science (Bioinnovation and Entrepreneurship)
2. Model: Two-year Master's Degree
3. Master's Degree: Plan 1: Academic (Course study and academic dissertation)
4. Preferred Languages: Study conducted in English
5. Occupational Integration after Graduation

- Teachers and scholars
- Researchers and scientists
- Executives & medical innovation entrepreneurs
- Employees in private sector, such as medical equipment companies; and specialists in medical devices and innovation
- Medical innovation business consultants

6. Eligibility: Plan 1 (Course Study and Academic dissertation)

To complete an academic dissertation, which is equivalent to no fewer than 12 credits, and courses of no fewer than 24 credits

- 1) Successfully completed a Bachelor of Science, Health Science, Engineering, Administration or related program from an institution of education or an institution accredited by the University Council
- 2) A minimum accumulated grade point average of the Bachelor level of 2.50
- 3) An English language score passed test criteria as specified by the Program (The score must not be older than two years prior to the date of application.)
- 4) In case of international students, the qualifications in 1), 2) and 3) above must be met. For international students who use English as their official language, they can exclude the English language scores. Also, in case of scholarships, students must be qualified for respective organizations' scholarships.

7. Program Consistency with Policy Direction and Strategy on People Development and University Strategies

7.1 Program Development

The Program was developed to support students who successfully complete science, health science, engineering and other relevant fields to build knowledge, research, innovation and development of integrated medical technology, and to produce personnel in the fields of

bioinnovation and entrepreneurship who are knowledgeable, have understanding, are noble, and meet the growing demands of medical research and technology. The Program will develop and provide the right and dynamic subject matter to technological changes and emerging diseases; and enhance knowledge, understanding and skills in analysis, synthesis, presentation as well as research for students as a mechanism to drive economic and social development related to medicine and public health of the country.

7.2 Philosophy

This Program was developed to produce quality graduates with the characteristics of entrepreneurs, particularly in bioinnovation, who can analyze problems among users, patients or stakeholders; develop research topics that are consistent with those problems; and actually operate businesses from upstream to downstream. There is also a benefit to advance the research of the country.

8. Program Objectives

To ensure the following characteristics in successful graduates of the Program:

- 1) To produce graduates in the fields of bioinnovation and entrepreneurship with academic excellence, knowledge and abilities in the principles of medical innovation and technology, who can appropriately manage and select the necessary technology
- 2) To produce graduates with the ability to research and develop into medical innovation to invent innovations and to pursue self-employment in bioinnovation design, research and development
- 3) To produce graduates with basic knowledge from higher education than Bachelor's degrees in medical innovation or related fields, and with the potential to develop as academics, researchers or health business entrepreneurs