

Master of Science Program in Public Health Science

Academic Institute:

College of Public Health Sciences, Chulalongkorn University

Duration:

One (1) academic year

Objectives:

- (1) To develop and produce post-graduate students who can conduct high quality academic researches in the field of public health sciences.
- (2) To develop and produce the body of knowledge via academic researches in the field of public health sciences.

Courses Synopsis & Methodology:

The Master of Science Program in Public Health Sciences is a research-based program plus thesis which consists of a minimum of 36 credits in total throughout the entire duration of the course. The program is divided into two formats.

- (1) “Plan A1”: this consists of a total of 36 credits of Thesis
- (2) “Plan A2”: this consists of a total of 12 credits of Thesis and a minimum of 24 credits of coursework.

Course Content/ Study Topic:

The program emphasizes on two fields of interest.

- (1) Traditional Thai and Alternative Medicines

Research area: Standardization of medicinal plant material using botanical, chemical and molecular techniques; medicinal plant extraction and identification; biological activities testing of herbal drug; qualitative and quantitative analytical techniques in plant science.

- (2) Biomolecular Technology in Public Health Sciences

Research area: Basic knowledge in cellular and particle structures and function of the cells, their gene function of cells, their genetic materials, gene and gene function including basic molecular biology techniques.

Student in “Plan A1” has to register “Seminar in Public Health Sciences I and II” and shall be assessed as S or U grades. Student may be needed to register for a course at the graduate or undergraduate level in order to gain a more solid basis in his/her studies and the said subjects shall be assessed as S or U grades.

Student in “Plan A2” has to register selected courses for his/her skills in scientific research methodology, laboratory methods and seminar in the field of interest. Student in the field of “Traditional and Alternative Medicines” has to register “Application of Medicinal Plant Research I and II”. Student in “Plan A2” in the field of “Biomolecular Technology in Public Health Sciences” has to register “Applied Molecular Biology Techniques in Public Health Sciences”.

Example of selected courses:

Seminar in Public Health Sciences I 1 (1-0-3)

Seminar in Public Health Sciences II 1 (1-0-3)

Analytical Technology in Public Health Sciences Research 3 (2-3-7)

Research Fundamental in Public Health Sciences 3 (2-3-7)

Special Problems in Public Health Sciences I 2 (1-3-4)

Special Problems in Public Health Sciences II 2 (1-3-4)

Research Methodology in Public Health Sciences I 2 (2-0-6)

Application of Medicinal Plant Research I 3 (2-3-7)

Application of Medicinal Plant Research II 3 (2-3-7)
DNA-Based Technology in Medicinal Plant Research 3 (2-3-7)
Biomolecular Technology in Malaria 3 (3-0-9)
Applied Molecular Biology Techniques in Public Health Sciences 3 (2-3-7)
Current Research Topics in Biomolecular Technology 3 (2-3-7)

Qualifications:

Applicants must satisfy the following criteria:

- (1) Applicant must have at least a Bachelor's degree in a related field with the GPA (grade point average) higher than 2.5, or 70 % performance (out of 100%), or at least being during the last term of his/her study.
- (2) Applicant whose English is not first language/ Bachelor's degree was not taught in English/ who is from a country other than New Zealand, USA, the United Kingdom, Australia, Canada has to pass an English language proficiency test according to criteria announced by the Academic Policy Board.
- (3) The TOEFL, IELTS and CU-TEP (Chulalongkorn University Test of English Proficiency) are the only three English proficiency tests accepted by Chulalongkorn University. The entrance score and exit score are as follows, TOEFL 400, 450; IELTS 3.0, 4.0; CU-TEP 30, 45.

Documents Required:

- (1) Three copies of the Applicant form, each affixed with photographs.
- (2) Three certified copies of your previous degree certificate(s).
- (3) Three cetified copies of your transcript of record (mark sheets) in English for subjects studied during your previous degree(s).
- (4) Two tetters of recommendation or references and two copies of each.
- (5) A photocopy of applicant's citizenship card or passport for foreign applicants.
- (6) Three copies of scores of TOFEL, IELTS, CU-TEP test if taken within past two years.

Number of Participant: 3

Eligible Countries:

Afghanistan, Bangladesh, Cape Verde, Comoros, Eritrea, Fiji, Ghana, Indonesia, Iran, Jordan, Lesotho, Malaysia, Maldives, Mauritania, Nepal, Nigeria, Pakistan, Papua New Guinea, Philippines, Republic of Seychelles, Rwanda, Senegal, Solomon Island, South Sudan, Sudan, Sri Lanka, Timor-Leste, Togo and Vanuatu.

Closing Date for Nominations:

March 2016

Contact:

Mr.Poohmerat Kokilakanishtha (Academic Administrator)
Address: College of Public Health Sciences Chulalongkorn University,
10th Floor Institutes Building 3 ,Soi Chula 62,Pathumwan,Bangkok,10330
Email : academic_cphs@chula.ac.th
Telephone: 6622188193
Mobile: 66892552395

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