

**Course Title**  
**Master of Sciences in Public Health**

**Master Degree:** Master of Sciences in Public Health Sciences

**Academic Institution:** College of Public Health Sciences, Chulalongkorn University, Bangkok

**Duration:** 2 years

**Objective:** The College's overall program has been designed to achieve the following objective:

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

**Course Synopsis and Methodology:**

These in-house, semester-based programs two years programme, students are exposed through their interest to one of the two branches namely **1). Thai traditional and alternative medicines, 2). Bimolecular technology**. The programme prepares its student to make and effective contribution in either the public or the private sector. Aims to develop and produce the body of knowledge in public health sciences via scientifically based researches on safety, efficacy and quality of traditional Thai medicine; aromatherapy; herbal sciences; ethnobotany in traditional wisdom ; herbal Remedy The programs cover a wide range of interests, for example crude drug authentication by chemical-, DNA- and biological based-; pharmacognostic specification of crude drug with special reference to chemical active substance; in vitro and in vivo assays of herbal biological activities

**Course Content/Study Topic:**

<u>Core courses</u>	8 Credits
Special problems in Public Health Sciences II, Research Methodology in Public Health Sciences II, Seminar in Public Health Sciences III, Seminar in Public Health Sciences IV, Seminar in Public Health Sciences V and Seminar in Public Health Sciences VI	

<u>Elective Courses</u>	4 Credits
Application of Medicinal Plant Research I, Application of Medicinal Plant Research II, Standardization of Medicinal Plants, Plant Constituents and Biological Activities I, Plant Constituents and Biological Activities II, Medicinal Herbs I, Medicinal Herbs II, Addictive Behavior, Substance Use and Behavior, Substance Use and Epidemic, HIV/AIDS, Hepatitis and	

other Infectious Diseases Allied to Substance Misuse, Health Consequence from Alcohol and other Drugs Misuse, Counselling Techniques in Addiction Practice I, Counselling Techniques in Addiction Practice II, Narcotics analysis, Pharmacology of Narcotics and Biomolecular Technology in Malaria, etc.

Thesis

12 Credits

**Course Consequene**

**Coursework Program (Plan A2)**

<b>Year 1 - 1<sup>st</sup> Semester (1/2018) (AUG –JAN)</b>	
5300711 Seminar in Public Health Sciences 1	1 Credits
5300754* Analytical Technology in Public Health Sciences Research	3 Credits
5300757* Research Fundamental in Public Health Sciences	3 Credits
5300811 Thesis	3 Credits
<b>Total Credits</b>	<b><u>10 Credits</u></b>
<b>Year 1 - 2<sup>nd</sup> Semester (2/2018) (JAN –JUL)</b>	
5300712 Seminar in Public Health Sciences 2	1 Credits
5300811 Thesis	3 Credits
5300XXX Elective Course	6 Credits
<b>Total Credits</b>	<b><u>10 Credits</u></b>
<b>Year 2 - 1<sup>st</sup> Semester (1/2019) (AUG –JAN)</b>	
5300811 Thesis	3 Credits
5300XXX Elective Course	5 Credits
<b>Total Credits</b>	<b><u>8 Credits</u></b>
<b>Year 2 - 2<sup>nd</sup> Semester (2/2019) (JAN –JUL)</b>	
5300811 Thesis	3 Credits
5300XXX Elective Course	5 Credits
<b>Total Credits</b>	<b><u>8 Credits</u></b>

**Qualification:** Applicants must satisfy the following criteria:

1. Applicants must be working professionals in the public, private or international sectors related in public health and public health sciences such as hospital directors and managers, primary health center staff, administrators, policy makers and other officials or public health professionals.
2. Applicants must have at least a Bachelor degree in a related field such as medicine, nursing, public health, social work, physical therapy, pharmaceutical sciences, political sciences, sociology and anthropology.