



AKREDITASI
UNGGUL



UBAYA
UNIVERSITAS SURABAYA

Study Programs

The Master of Clinical Pharmacy Study Program of the University of Surabaya includes common core courses in Pharmaceutical Care Sciences and track-specific core courses, and a Master's thesis. The common core courses cover a variety of topics that must be followed by all master students. The track-specific courses cover a variety of more specific topics for master students in the concentration of Clinical Pharmacy.

Delivery Methods

Master of Clinical Pharmacy of The University of Surabaya delivers hard skills and interpersonal skills in balance. The well-developed interpersonal capabilities are regarded extremely important besides knowledge, therefore we use mode of delivery such as class lectures, tutorials, individual and group problem-based learning, class and group discussion, practical work in medical centers/hospitals and clinics, presentation, and final project/thesis/internship. The course will be delivered by scholars and experts from Ubaya, expert health practitioners and Clinical Pharmacists from hospitals, and Regulatory Affairs.

Magister Farmasi Klinis

Program Pascasarjana (Strata 2) Fakultas Farmasi
Universitas Surabaya

Information

Fakultas Farmasi Universitas Surabaya

Jl. Raya Kalirungkut, Surabaya 60293

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Introduction

Master of Clinical Pharmacy of The University of Surabaya is a Postgraduate Program development in response to the need for expertise in Clinical Pharmacy that work directly with medical doctors, other healthcare professionals, and patients to ensure that the medications prescribed for patients contribute to the optimal health outcomes. The Ubya Master of Clinical Pharmacy Program developed with the aim to prepare graduate to work in health care environments, such as hospitals and their affiliated outpatient, clinics, emergency departements, community pharmacies, medical doctors offices, community-based clinics, nursing homes, and managed care organizations and also as a lecturer in Pharmacy Higher Education.

The Ubya Master of Clinical Pharmacy Program established in 2005 and recently graduated more than 200 Clinical Pharmacists. The academic activities conducted in 1.5 to 2 years that covers lectures, tutorials, interprofessional discussions, seminars, practical activities, work experiences in hospital, written tests, oral tests, proposal and thesis examination also bedside examination. The participants of Master of Clinical Pharmacy Program should be the Bachelor in Pharmacy, completed Pharmacy Professional Program and licensed as Pharmacist (Apt).

Vision

Developing, Transforming, and Disseminating Advanced Community-Clinical Pharmacy and Pharmaceutical Manufacturing through Research, Education and Community Services with excellency in Advanced Pharmaceutical Manufacturing and Evidence Based Medicine towards Better Quality of Life.

Mission

- ◆ Providing advanced pharmaceutical knowledge and skills;
- ◆ Producing graduates with superior and reliable character, competence, and pharmaceutical skills;
- ◆ Developing graduates who are able to cooperate well and communicate effectively with other health professionals and patients;
- ◆ Generating graduates who are able to integrate and develop pharmaceutical knowledge and skills and fully actualize themselves in pharmacy practice in hospitals and/or community settings as well as in pharmaceutical manufacturers;
- ◆ Promoting rational use of medicines and respecting the patient's choice;
- ◆ Proactively establishing cooperation with relevant institutions at the regional, national and international levels.



STRUKTUR PROGRAM

Magister Farmasi Klinis

Semester 1

Mata Kuliah	Sks
961411 Experimental Design and Statistics	2
961441 Novel Drug Delivery and Drug Targeting	2
961421 Evidenced-base medicine	2
961431 Pharmacoeconomy and Pharmacoepidemiologi	2
961212 Pathophysiology and Management of Cardiovascular Disease	3
961222 Pathophysiology and Management of Respiratory Disease	3
961232 Pathophysiology and Management of Tropical Disease and Special Condition	2
961413 Applied Pharmacy Practices I	1
Total	17

Semester 2

Mata Kuliah	Sks
962411 Pharmacokinetic and Pharmacodinamic	2
962212 Pathophysiology and Management of Endocrine System	2
962222 Pathophysiology and Management of Gastro Interstinal Disease	2
962232 Pathophysiology and Management of Musculoskeletal Disease	2
962242 Pathophysiology and Management of Neurology Disease and Psychiatric	2
962252 Pathophysiology and Management of Renal and Liver Disease	3
962211 Social Pharmacy and Patient-Base Care Concept	2
962413 Applied Pharmacy Practices II	1
Total	16

Semester 3

Mata Kuliah	Sks
963011 Pathophysiology and Management of Infectious Diseases	2
963512 Drugs for Surgery and iv Admixture	1
963031 Applied Pharmacy Practices III	2
963113 Proposal Thesis	2
Total	7

Semester 4

Mata Kuliah	Sks
964113 Thesis	6
Total	6

Total Sks Program 43



Study Programs

The Master of Industrial Pharmacy Study Program of the University of Surabaya includes common core courses in Pharmaceutical Sciences and track-specific core courses, elective course, and a Master's thesis. The common core courses cover a variety of topics that must be followed by all master students. The track-specific courses cover a variety of more specific topics for master students in the concentration of Industrial Pharmacy. While the elective courses allow students to choose their own specialization in the field of Pharmaceutical Products, Cosmetic Products, or Natural/herbal Products.

Concentration

Industrial Pharmacy Sub Concentration:

1. Pharmaceutical Products
2. Cosmetic Products
3. Natural/herbal Products

Information

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Magister Farmasi Industri

Program Pascasarjana (Strata 2) Fakultas Farmasi
Universitas Surabaya

Introduction

Master of Industrial Pharmacy of The University of Surabaya is an international Postgraduate Program developed in response to the need for expertise in pharmaceutical industry, research and regulatory affairs. Considering about 90% prescription in Europe as well as in the U.S. are generics and currently none of the Pharmaceutical Industries in Indonesia as well as South-East Asia have-developed new chemical entities (NCE), we therefore develop this Master program with the aim to prepare graduates to work in the development and production at dosage forms and able to carry responsibility for the quality of the products in a challenging pharmaceutical industry.

The program developed in collaboration between the University of Surabaya (Ubayu). Surabaya, Indonesia and the University of Groningen, Groningen, The Netherlands. It is also developed in partnership within the Pharmaceutical Industries, The National Agency of Drug and Food Control, and the Ministry of the Health of the Republic of Indonesia.

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STRUKTUR PROGRAM

Magister Farmasi Industri

Semester 1

Mata Kuliah	Sks
961411 Experimental Design and Statistics	2
English for Scientific Communication	0
961441 Novel Drug Delivery and Drug Targeting	2
961421 Evidenced-base medicine	2
961431 Pharmacoeconomy and Pharmacoepidemiology	2
Elective Course:	2
961632 Pharmaceutical Microbiology and Sterilization	
961642 Pharmaceutical Product Development	
961652 Particle Science and Powder Technology	
961612 Cosmetic Science and Technology	
961622 Natural Products Technology	
961312 Facility Design and Project Management	3
961322 Pharmaceutical Regulation	3
961413 Placement in Pharmaceutical Industry I	1
Total	17

Semester 2

Mata Kuliah	Sks
962411 Pharmacokinetic and Pharmacodynamic	2
962312 Pharmaceutical Quality Management	3
962322 Pharmaceutical Manufacturing and Operations Management	3
962322 Physicochemical Aspects Related to Dosage Form Development	3
Elective Course:	3
962622 Techniques in Pharmaceutical Technology	
962632 Problem Solving on Production (upscaling) and Technology	
962612 Cosmetic Product Development	
962432 Placement in Pharmaceutical Industry II	1
Total	15

Semester 3

Mata Kuliah	Sks
963321 Analytical Development and Biopharmaceutical analysis	3
963413 Placement in Pharmaceutical Industry III	2
963113 Proposal Thesis	2
Total	7

Semester 4

Mata Kuliah	Sks
964113 Thesis	6
Total	6
Total Sks Program	43