

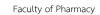
Degree Level 🗹 Bachelor's 🗌 Grad.Dip. 🖺 Master's 🗀 Higher Grad.Dip. 🗀 Doctoral

TQF2 Doctor of Pharmacy Program (International Program)

New Program of Academic Year 2023

Mahidol University Degree Profile

E	Bachelor's Degree Program		
1. Name of the program			
Full name : D	Doctor of Pharmacy Program (International Program)		
Abbreviated name : P	Pharm.D. Program (International Program)		
2. Degree Name			
Full name : D	octor of Pharmacy		
Abbreviated name : P	harm.D.		
General information of the program			
Type of the program	Bachelor's Degree Program in Pharmacy Professionl Program		
Required number of credits	Not less than 223 credits		
Studying duration / program	6-year full-time study / 6 years		
round			
The program's status and	New program having opening schedule in the first semester		
opening schedule	of academic year 2023		
Degree granting	Bachelor's Degree		
Degree-granting Institutions (MO	U Faculty of Pharmacy, Mahidol University		
with other institutions)			
Organizations certifying the	The Pharmacy Council of Thailand		
standard			
Specific information of the program			
Purpose / Goals / Objectives	The Pharm. D. Program (International Program) aims to		
	produce pharmacy graduates with moral, ethics, and		
	personal behavior complying with pharmacy profession		
	ethics, knowledge and skills that fulfill pharmacy profession		
	standard. Furthermore, this program will excel graduates in		
	pharmaceutical care with emphasis on personalized		
	medicine for general and special populations, social		
	contribution, along with entrepreneurial mind, that are		
	concordant with law and standard at national and		
	international levels, which enhances graduates' global		
	competitive advantage in career achievement.		





New Program of Academic Year 2023

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Distinctive Features	The Pharm.D. Program (International Program) is open for
	both Thai and non-Thai students.
	The program collaborates with MUIC to create
	international and multicultural environment from the first
	year of study.
	The program offers wide ranges of selected excellent
	practice sites in Thailand and international institutions
	during the sixth year, which help broadening students'
	perspective and experience.
	■ The Pharm.D. Program (International Program) is specially
	designed in flexi curriculum fashion allowing pharmacy
	graduates to strengthen their desired knowledge and skills
	in pharmacy that fit with their future career.
	■ The program delivers innovative content and prepare our
	students to be ready for global trend of pharmacy practice
	and business, such as personalized medicine,
	telemedicine, artificial intelligence, geriatric
	pharmacotherapy.
Educational system	Semester system
Graduates' advancement	
Obtainable jobs	The graduates may pursue the following careers:-
	1) Hospital pharmacist having roles in drug product
	selection into hospital, drug dispensing, advising
	patients on drug use, patient counseling for any
	drug-related problems, and extemporaneous
	compounding drug preparations for individual patient.
	2) Clinical pharmacist having roles in selection of drug,
	dosage regimen, and monitoring of drug efficacy and
	safety appropriately to disease, age, sex, eliminating
	function of kidney and liver, and provide drug
	information to healthcare team and patients upon
	request. 3) Community pharmacist having roles in primary care
	involving analyzing symptoms and selecting appropriate
	drug, monitoring drug use in chronic diseases, and
	providing health promotion in community.
	Family pharmacist having roles in taking care of patients
	at their own house, verifying drug use and storage,
	monitoring effectiveness of drug use in chronic diseases
	of bed-ridden patients, and referring back to hospitals
	if necessary, and providing health promotion in
	community.
	5) Clinical research associate pharmacist having roles in
	conducting research concerning drug effectiveness,



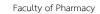


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	cost-effectiveness, drug non- adherence, or incidence of
	adverse drug events, etc.
	6) Academic pharmacist having roles in giving lectures,
	conducting research, or writing publications or
	textbooks to provide updated knowledge.
	7) Medical science liaison pharmacist having roles in
	providing knowledge on treatments, and information of
	new products to prescribers and related professionals.
	8) Independent work or business owner such as
	independent drug stores, chain drug stores, health
	products business, clinical research company, drug
	product registration company, drug/ cosmeceuticals /
	nutraceuticals import and/or export company, etc.
Further fields of study	1) Residency program in Pharmacotherapy
	2) Master and Doctor of Philosophy degree in Clinical
	Pharmacy or other health science
Philosophy in program administrati	ion
	The Pharm. D. Program (International Program) has its
Educational philosophy	
	philosophy in producing graduates with knowledge,
	competencies, and skills in pharmaceutical care as well as
	moral, ethics, and good attitudes towards practicing in
	pharmacy profession at the community, country, and
	international levels. The curriculum is designed with the
	basis and focus of outcome-based education, student-
	centered learning, and learning-centered approach that
	provides excellent foundation for self-constructivism of
	knowledge, abilities, and skills covering theory, laboratory,
	and experiential practice in order to fulfill readiness for
	graduates in working, developing new skills, and life-long
	learning.
Strategy / teaching guidelines	Support teaching processes that are interactive with
	students including seminar, laboratory work and professional
	practice activities, individual or group work assignment, and
	platforms for reflections for various opinions from students,
	lecturers, employers, and others who concerned.
	Information technology that supports self and life-long
	learning are also provided.
Strategy / student's outcome	Students are evaluated according to program- and course-
evaluation guidelines	learning outcomes by authentic assessment, formative
	assessment, and summative assessment.





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Competences provided to the students 1. Competence of critical thinking and logical thinking for Generic Competences living and problem-solving using evidence-based information. 2. Competence of life-long learning, reading, analyzing, integrating, and synthesizing for new knowledge by oneself to improve oneself and society. 3. Competence of listening, speaking, reading, and writing as well as using instruments, equipments and information technology for effective searching. communicating and learning. 4. Competence of good corporating with others either as leader or follower in addition to ethic, moral, and trustful performance leading to success. 5. Competence of developing culture of engagement leading to sustainability of profession. Subject-specific Competences 1. Competence of having knowledge and understanding of theory and basic principles in Pharmacy, including: a) Social and Pharmacy Administration including quality management system, risk management, medication management system, health law consumer protection, system, and regulations related to profession. b) Pharmaceutical Care for treatment plan including identification of disease and/or drugrelated problem, drug selection, drug safety, and medication management c) Pharmaceutical Science including pharmaceutical chemistry. manufacturing. quality control and assurance, research and development of drug products, biological products, herbal medicines, and healthcare products. 2. Competence of practice with moral, ethics, and professional ethics in pharmacy profession. 3. Competence of digital literacy for practicing and improving pharmacy process. 4. Competence of applying knowledge and skill in pharmacy for drug formulation, manufacturing, quality control and assurance, research and development of herbal products, products, nutraceuticals. cosmeceuticals, biological products, and healthcare products that complys with good pharmacy practice and



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Faculty of Pharmacy

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	related laws and regulations. 5. Competence of providing pharmaceutical care and playing role as drug expert, and pharmacist in multidisciplinary health care team either as leader or follower, and expanding knowledge to innovation and entrepreneurship.
Graduates' learning outcomes	
PLO1	<u>Perform</u> rational drug and health product selection, dispensing, and monitoring to ensure therapeutic efficacy and safety of individual that are concordant with current therapy guideline and professional standard.
PLO2	Formulate pharmaceutical products for individual patient that comply with pharmacy standard.
PLO3	Evaluate medication management system complied with national and international law and regulation.
PLO4	Conduct pharmacy research with conclusion of results according to research ethics and good research practice.
PLO5	<u>Perform</u> collaborative working as well-suited drug expertise within and among professionals.