

**DEVELOPMENT PLAN OF
DOCTORAL PROGRAM
IN PHARMACEUTICAL SCIENCES**



**FACULTY OF PHARMACY
UNIVERSITAS GADJAH MADA
2024-2028**

APPROVAL SHEET

The undersigned:

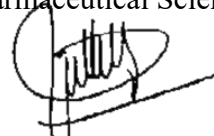
Name : Prof. Dr. apt. Zullies Ikawati

Position : Head of Doctoral Program in Pharmaceutical Sciences, Faculty of Pharmacy,
Universitas Gadjah Mada

hereby approves the Development Plan document for the Doctoral Program in Pharmaceutical Sciences, Faculty of Pharmacy, Universitas Gadjah Mada, for the 2024–2028 period, so that this document may be used as appropriate.

Yogyakarta, June 3, 2024

Head of Doctoral Program in Pharmaceutical Sciences



Prof. Dr. apt. Zullies Ikawati

DEVELOPMENT PLAN OF THE STUDIES PROGRAM

The Doctoral Program in Pharmaceutical Sciences (*PS-DIF*) consistently undertakes continuous improvement by utilizing indicators outlined in the Performance Achievement Targets (*TCK*), aligned with the Faculty's Strategic Plan (*Renstra*). The strategies employed to achieve these Performance Achievement Targets are summarized in the table below.

Table 1. Development strategies for the studies program along with the quality target indicators to be achieved

No	Renstra Program	Program Performance Indicators	Target Year					Unit	Achievement Strategies
			2024	2025	2026	2027	2028		
1	Strengthening partnerships in Tridharma activities that involve lecturers and students.	a. The number of partnerships conducted by the study program at all levels	3	3	4	4	5	PKS	Improving communication with potential partners and offering Tridharma collaboration
		b. The percentage of active collaborations ongoing in the study program at all levels	100	100	100	100	100	%	Enhancing communication with potential partners and offering Tridharma collaboration
2	Increasing the recognition of the program's excellence at the national and international levels	The number of graduate programs that have international accreditation or certifications recognized by the government	1	1	1	1	1	Prodi	Preparing the ASIIN accreditation self-assessment report
		The number of study programs accredited with an A/Excellent rating by BAN-PT or LAM	1	1	1	1	1	Prodi	Preparing the LAMPTKes accreditation self-assessment report (borang)
3	Developing a student admission system that accommodates diversity	The number of international students at all levels:	2	2	2	2	2	Student	Enhancing the promotion of the program at the international level
		a. Degree	2	-	-	--		Student	
4	Expanding access to the learning management system to the public (Unlimited University)	The number of online learning materials accessible to the general public	2	2	3	3	3	Title	Developing course materials in the form of MOOC
5	Strengthening student achievements	The number of outstanding students	3	3	4	4	5	Student	Providing incentives for outstanding students
6	Strengthening fast track and PMDSU programs	The number of graduate students from the Fast Track, RPL (Recognition of Prior Learning), and PMDSU (Master's to Doctorate Education for Outstanding Graduates) programs	6	6	6	6	6	Student	Enhancing the promotion of the program and promoting qualified promoters as PMDSU supervisors, as well as developing the fast track program

7	Increasing doctoral student publications in reputable international journals	The number of doctoral student publications in international journals	25	25	25	25	25	Title	<ol style="list-style-type: none"> 1. Incentives for publications in international journals; workshops and clinics for manuscript writing; 2. English editing for articles to be submitted to international journals; 3. Collaborative writing partnerships with other universities, both domestic and international.
		The publication of students' scientific work in national seminars/accredited national journals	20	20	20	20	20	Title	<ol style="list-style-type: none"> 1. Incentives for publications in national journals; 2. Workshops and clinics for manuscript writing.
8	Increasing doctoral student publications in seminars	Publication of students' scientific work in national seminars	5	5	5	5	5	5	1. Incentives for registration fees at national seminars
		Publication of students' scientific work in international seminars.	2	2	4	4	5	5	<ol style="list-style-type: none"> 1. Incentives for publications in international journals; workshops and clinics for manuscript writing; 2. Assistance with English editing for articles to be submitted to international journals.
9	Increasing doctoral lecturer publications in reputable journals	The number of lecturers' publications in national journals	10	10	10	10	12	12	Incentives for publications in national journals; workshops and clinics for manuscript writing
		The number of lecturers' publications in international journals	20	20	20	25	25	25	<ol style="list-style-type: none"> 1. Incentives for publications in international journals; workshops and clinics for manuscript writing; 2. English editing for articles to be submitted to international journals; collaborative writing partnerships with other universities, both domestic and international.
10	Strengthening forums for knowledge transfer across individuals and disciplines in an institutionalized manner, enabling the generation of social entrepreneurship innovations	The number of transdisciplinary works by lecturers and students that have been widely disseminated to the public (in the form of 3-minute theses and TED Talk-style presentations) and knowledge channels (lecturer vlogs/policy briefs)	4	4	4	4	4	Title	Providing facilities for video creation through the Pharmacy Knowledge Channel

11	Increasing research that adopts the principles of the SDGs	The number of news articles or reports on SDG activities	30	30	30	30	30	Title	Encouraging the academic community to publish their research results by adopting SDG principles
12	Developing community service initiatives that have received international recognition or been implemented by the community	The number of community service outputs implemented in the community	10	10	10	10	10	Title	1. Facilitating community service funding. 2. Encouraging external collaborations for community service activities.
13	Developing lecturer competencies	The number of lecturers from professional practitioners, the business world, or the industry	2	2	2	2	2	Lecturer	Strengthening external collaborations and facilitating guest lectures
14	Increasing the number of international lecturers/researchers	The number of international lecturers/researchers conducting educational or research activities	10	10	10	10	10	Lecturer	1. Inviting international lecturers to deliver guest lectures, 2. Involving international lecturers as part of the supervision team, 3. Appointing international lecturers as external examiners.
15	Improving the quality of studies	Average study completion time (in years)	4 years 11 months	4 years 6 months	4 years	4 years	3 years 6 months	Year and month	1. Involving students in faculty research through research grants, 2. Adding and enhancing research facilities, 3. Conducting intensive dissertation monitoring and evaluation (money).
		The average GPA of doctoral graduates	3.8	3.8	3.8	3.9	3.9		1. Completing teaching and learning facilities, 2. Enhancing the academic atmosphere.
		The percentage of graduates with cum laude honors	47.6	50	50	50	50	%	1. Completing teaching and learning infrastructure, 2. Enhancing the academic atmosphere.
		Student outbound mobility	2	2	2	2	2	person	1. Students are encouraged to apply for student mobility grants abroad, 2. Strengthening partnerships with foreign universities, 3. Supervisors encourage students to conduct research abroad.

16	The number of community service themes		8	8	8	8	8	theme	<ol style="list-style-type: none"> 1. A team for the development of community service themes is formed, including training, community empowerment, KKN (community service program), and partner villages. 2. Encourage students to actively participate in the dissemination of pharmaceutical information and appropriate technology, and provide community service grants.
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