



**UPH**  
UNIVERSITAS PELITA HARAPAN



**FIKES**  
FAKULTAS ILMU KESEHATAN



# Faculty of Health Sciences

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2024





## About UPH Faculty of Health Sciences

We equip students with a solid foundation in both scientific theories and practical applications of technology.







## Biotechnology



The Biotechnology Program equips students with a solid foundation in both scientific theories and practical applications of biological technology.

## Medical Laboratory Technology



The UPH Medical Laboratory Technology program emphasizes Molecular Diagnostics to produce graduates capable of providing excellent public health services.

## S1 Pharmacy



UPH's Bachelor's in Pharmacy offers comprehensive knowledge and skills in pharmacy's clinical and industrial fields, specializing in two concentrations: natural products and clinical pharmacy.

## D3 Pharmacy



UPH D3 Pharmacy program endeavors to foster the advancement of pharmacy in Indonesia through research that directly benefits the community.







# Biotechnology

Study Program at a glance

## DEGREE

Sarjana Sains (S.Si)

## STUDY DURATION

4 years



**67%**  
of Faculty Member  
with overseas doctoral  
degrees

Accreditation LAM-SAMA  
"Baik Sekali" 2023

**6** laboratories to  
support study  
experience

Live laboratory  
at MRIN rooftop

Overseas  
student  
exchange  
programs

**25+**

publications at  
reputable international  
research journal  
in the past 3 years

Partnership  
with reputable research  
centers and industries

## CAREER OPPORTUNITIES

- Biomedical research scientist
- Environmental biotechnologist
- Bioinformatic analyst
- Quality control / quality assurance specialist
- Sustainability consultant
- Biotech entrepreneur







## Why Study Biotechnology at UPH

This program integrates concepts of biology, chemistry, medical and environmental sciences to equip students with the skills necessary to address global challenges across various fields of biotechnology, including medical, agricultural, and environmental applications.

The Biotechnology Program equips students with a solid foundation in both scientific theories and practical applications of biological technology.

### OUTSTANDING FEATURES



#### Comprehensive Curriculum

with a strong focus on Innovative biotechnological applications through Integrated research projects for hands-on laboratory experiences



#### Interdisciplinary

foundational and elective courses



#### Emphasis On Global Challenges

related to sustainable development

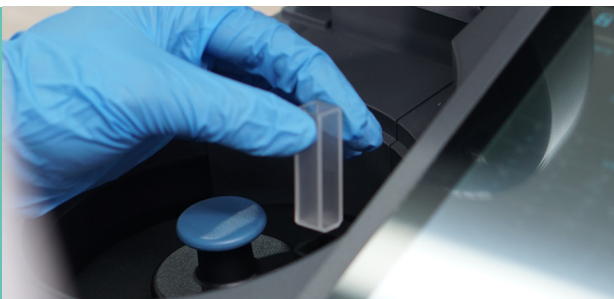






## Achievements

2024	National Olympiad in Mathematics and Natural Sciences 2024	Honorable Mention ( <i>Jennifer Claudia Suryadi</i> )
2024	Awardee of Indonesian International Student Mobility Awards (IISMA) 2024	University of California, Davis, USA ( <i>Cecilia Aileen Yap</i> ) University of Liverpool, UK ( <i>Gu Hyun</i> )
2023	National Olympiad in Mathematics and Natural Sciences 2023	Silver Medalist ( <i>Jennifer Claudia Suryadi</i> ) Honorable Mention ( <i>Jevon Aaron Lesmana</i> )
2023	Awardee of Program Kreativitas Mahasiswa - Artikel Ilmiah (PKM-AI)	Group 1: <i>Jessica Ariesta Handoko, Marcella Meta Haryanto, Samuel Emmanuel Soentoro, Michael Timothy</i> Group 2: <i>Kristin Talia Marbun, Patricia Celine, Theresa Florensia Huang, Billy Yosua Constantin Pongajow</i>
2023	The 2nd International Conference of Biology for Student (ICoBioS) X OBC 2023	Silver Medalists Group 1: <i>Vito Valentino, Jennifer Claudia Suryadi, Cecilia Aileen Yap</i> Group 2: <i>Angela Clarita Putri, Joandra Abbyqaell Taniara, Gu Hyun</i>
2023	eBook COVID-19 & Beyond	
2024	Computer program Attack COVID Variant Game (ATCG)	Intellectual Property Right
2024	Simple Patent	Soil Strengthening Method for Infrastructure Buildings (in collaboration with Civil Engineering)
2024	Basic Research Grants Recipient	for Higher Education Excellence (Penelitian Dasar Unggulan Perguruan Tinggi/PDUPT): <i>Dr. Reinhard Pinontoan</i>







# Partners



## Industrial



## Institution



## Facilities

- Pharmaceutical Biology Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmacology and Toxicology Laboratory
- Microbiology Laboratory
- Hematology Laboratory
- Advanced Biology Laboratory
- Live Rooftop Laboratory
- Bioinformatics Center







# S1 Pharmacy

## Study Program at a glance

### DEGREE

Sarjana Farmasi (S.Farm.)

### STUDY DURATION

4 years

Accreditation LAM-PTKes

**"Baik Sekali"**

UPH's Bachelor's in Pharmacy offers comprehensive knowledge and skills in pharmacy's clinical and industrial fields, specializing in two concentrations: natural products and clinical pharmacy.

The innovative curriculum integrates skills-enhancing laboratory sessions in UPH's advanced facilities with considerable internship programs in various hospitals and industry partners to ensure ample hands-on training.

### OUTSTANDING FEATURES

- Comprehensive curriculum, including Professionalism and ethics in pharmaceutical services and healthcare
- Medical Sciences Group – Synergy between Academia, Research, and Clinical Service
- Interdisciplinary foundational program

### CAREER OPPORTUNITIES

- Research and Development in pharmaceutical company and cosmetics company
- Quality Control and Quality Assurance in pharmaceutical company
- Business Development in a pharmaceutical company or clinical laboratory
- Product specialist in a pharmaceutical company

## Facilities

- Pharmaceutics and Pharmaceutical Technology Laboratory
- Pharmaceutical Biology Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmacology and Toxicology Laboratory
- Compounding and Dispensing Laboratory

## Achievements

- Penerima Hibah Kompetisi Program Kreativitas Mahasiswa PKMRE 2024
- Juara I Pharmanova ITB 2024  
*Patient Counseling Event (PCE)*
- Juara II Kurkumin Business Plan Competition 2023  
*Universitas Gadjah Mada Business Plan Competition*
- Juara I KOFEIN 2024  
*International Pharmacy Student Counseling Competition*
- Juara I Farmasi Festival 2023  
*Universitas Ahmad Dahlan - Oral Presentation*





# D3 Pharmacy

## Study Program at a glance

UPH D3 Pharmacy program endeavors to foster the advancement of pharmacy in Indonesia through research that directly benefits the community.

The D3 Pharmacy Program offers a comprehensive curriculum with case and project-based learning, focusing on pharmaceutical services and natural product pharmacy, reflected in teaching, research, and community service activities.

**DEGREE**  
A.Md.Farm.

**STUDY DURATION**  
3 years



### OUTSTANDING FEATURES

- Specialized comprehensive curriculum with a strong emphasis on the fundamentals of pharmacy, clinical experience, as well as opportunities for pharmaceutical research and community service
- Focused on hands-on training and practical skills development
- Interdisciplinary elective courses

### CAREER OPPORTUNITIES

- Pharmacy technician
- Pharmaceutical sales representative
- Research laboratory technician/ clinical research associate (academic research institutions, pharmaceutical companies, government research agencies)

## Partners



### Industrial



### Institution







# Medical Laboratory Technology

Study Program at a glance

DEGREE  
S.Tr.Kes.

STUDY DURATION  
4 years



The UPH Medical Laboratory Technology program emphasizes Molecular Diagnostics to produce graduates capable of providing excellent public health services.

The environment at UPH Medical Laboratory Technology fosters a strong understanding of and interest in scientific principles and technological advancements. This is essential for a medical laboratory technician handling and analyzing lab samples, operating complex laboratory equipment, and having a strong analytical mind and problem-solving skills to accurately interpret test results and identify potential issues.

UPH Medical Laboratory Technology Program graduates will be able to communicate clearly and effectively with their colleagues, supervisors, and patients.

## Partners







#### COURSES OFFERED

- Medical/ Clinical Laboratory Technician: Responsible for performing diagnostic tests on patient samples, such as blood and urine, to help doctors diagnose and treat patients
- Cytogenetic & Histo Technician
- Pathologist Assistant
- Medical Laboratory Scientist
- Quality Control Technologist
- Product Division in a medical device company

## Facilities

- Microbiology & Molecular Laboratory
- Hematology & Clinical Laboratory
- Biology Laboratory
- Chemistry Laboratory
- Pharmacology and Toxicology Laboratory
- Simulation Centre

#### OUTSTANDING FEATURES



### Strong Emphasis on Practical Skill Development

through guided research projects Interdisciplinary foundational and elective courses



### Curriculum Highlight

molecular examinations such as PCR, real-time PCR, and sequencing



### Interdisciplinary

elective courses







## 100% TUITION FEE SCHOLARSHIP AVAILABLE!

for S1 Pharmacy, D3 Pharmacy, and Medical Laboratory Technology



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## UNDERGRADUATE ADMISSION CENTER

### LIPPO VILLAGE CAMPUS

Building C, 4th Floor  
Jl. M.H. Thamrin Boulevard 1100, Lippo Village  
Tangerang 15811, Banten - Indonesia

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                  081110577736 - Admin CHS UPH  
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