



UPH
UNIVERSITAS PELITA HARAPAN

Applied Mathematics

Food Technology

Civil Engineering

Biotechnology

Electrical Engineering

Industrial Engineering

Pharmacy

SUSTAINABILITY
THROUGH INNOVATION

FACULTY OF SCIENCE AND TECHNOLOGY

APPLIED MATHEMATICS

Applied Mathematics educates students by offering them skills for creative problem solving and logical thinking. Our Department of Applied Mathematics is recognized for strong research projects, achievements, international and national connections and alumni career prospects.

Regular Program

Degree:

**Sarjana Sains
(S.Si.)**

Society Of Actuarial (SoA) Equivalency

UPH Applied Mathematics is the only Mathematics Department in Indonesia and one of few mathematics departments in South East Asia that has course approved by Society of Actuarial (SoA).

Business Mathematics

In Business Mathematics, we solve financial problems and maximize profit. In other words, it is the mathematics used by commercial enterprises to report and manage business operations, in accounting, inventory management, marketing, sales forecasting, and financial analysis.

Actuarial Mathematics

In Actuarial Mathematics, we apply mathematical and statistical methods to assess risk in insurance and finance industries, particularly when uncertainties are involved. Study routes integrate mathematical and economical concepts including stochastic modelling and investment analysis.

Computational Mathematics

In Computational Mathematics, we integrate applied mathematics and computer science. Many industrial problems, as well as problems in business, economics, engineering, finance, medicine, and science can be solved by mathematical models. Nowadays problems are increasingly larger, so that the application of computer methods to simulate such models is needed.

CAREER OPPORTUNITIES

The following companies hire mathematics graduates:

- Computer service and software firms such as Adobe; Google, Inc.; The MathWorks, Inc.; Microsoft Research; and Yahoo Research.
- Consulting firms such as Principia Management Group and McKinsey & Company.
- Electronics and computer manufacturers such as Hewlett-Packard; Honeywell; IBM Corporation; Motorola; Philips Research; and SGI.
- Non-profit organizations such as the American Institute of Mathematics (AIM) and SIAM.
- Engineering research organizations such as AT&T Laboratories -Research; Exxon Research and Engineering; Conoco Philips.; Schlumberger-Doll Research; and Pertamina, Tbk.
- Financial service and investment management firms such as Citibank; AIA; Allianz; Morgan Stanley; and Prudential

APPLIED MATHEMATICS COURSE OFFERING

- Microeconomics
- Macroeconomics
- Financial Mathematics
- Stochastic Process
- Life Insurance Mathematics
- Mathematical Modelling
- Survival Model
- Regression Analysis
- Time Series Analysis
- Risk Theory
- Investments
- Statistics and Probability Theory
- Non-parametric Statistics
- Financial Institutions and Markets
- Process Control

TESTI - MONY



Jessica Priscillia

Actuarial Analyst PT Asuransi Allianz Life Indonesia

Applied Mathematics 2008

"There are only a few universities that offers applied mathematics as a major, even less that offers actuarial mathematics as a minor. I started my study at UPH in 2008 and I have learned so much knowledge, not only an education which has a certain quality but also an education that can develop my social skills. What I've learned during the class is supported by complete facilities. The lectures are experts in teaching the subjects."



Giovani Gracianti

Executive Director of Persatuan Aktuaris Indonesia

Applied Mathematics 2008

"I had been trained to be a person of integrity, balance and optimal in family, work and society. UPH successfully provides a core education that allowing me to be a holistic self-developer. I have grown in all aspects of life including spiritual, mental, socio-emotional, and physical since then. Studying in UPH was an important part of my life journey, preparing me as a problem solver for the needs of the nation and the world."

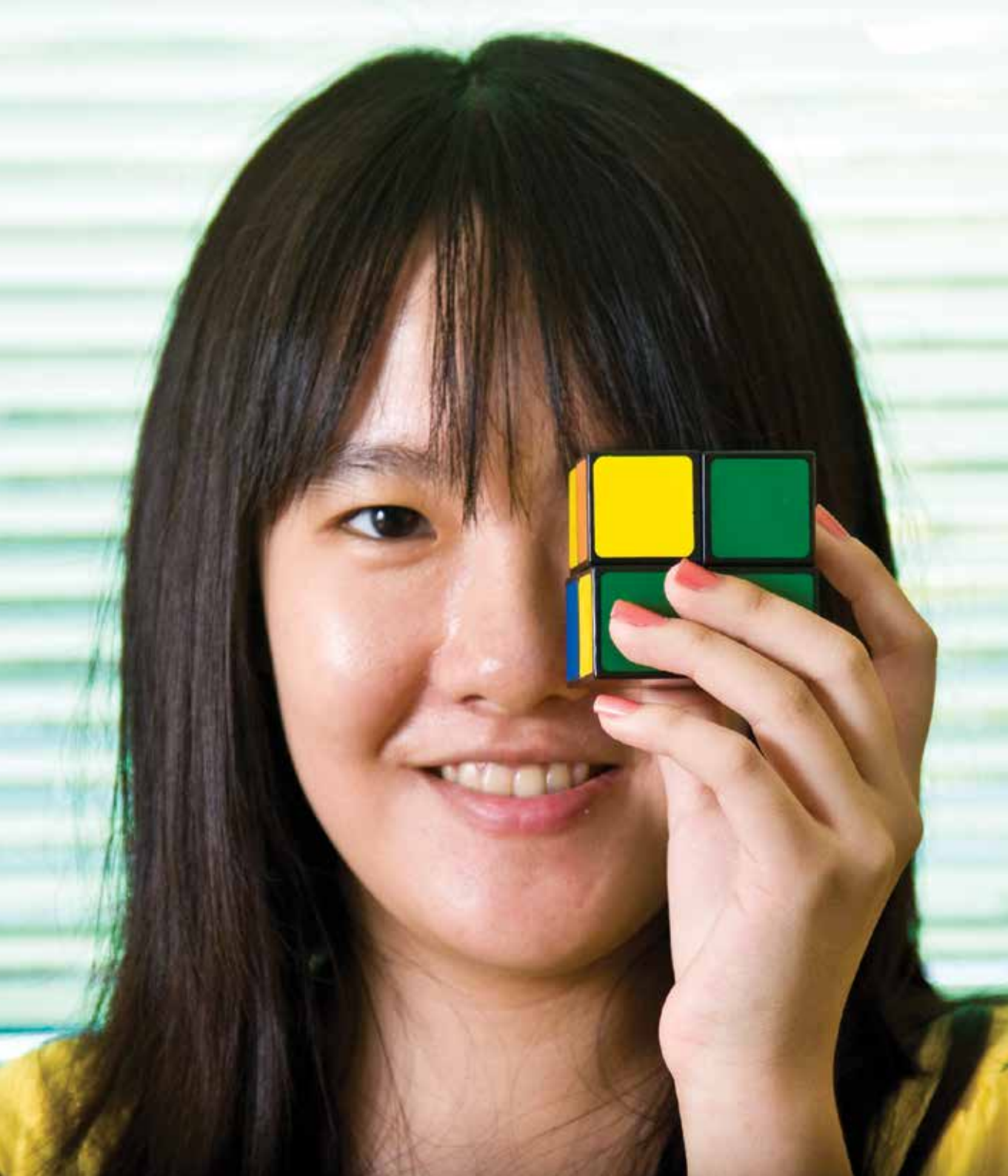


Dewi Tanasia Saputra

Data Analyst – Property Valuation Services Corporation, Dartmouth, NS, Canada

Applied Mathematics 2010

"Changing my major from Business Accounting to Mathematics was the biggest yet the most worthwhile risk I've ever taken. Faculty members and professors from the Faculty of Science and Technology (FaST) in UPH helped me tremendously in all aspects of my university life – academic, personal growth, and lifelong learning."



FOOD TECHNOLOGY

Food Technology program deals with raw materials, processing and processed foods. It covers among others, the scientific knowledge in food chemistry, microbiology, processing and engineering, nutrition as well as food analysis, safety and quality assurance in order to produce safe, wholesome, quality food products.

Regular & Full English Program

Degree:

Food Technology program deals with raw materials and processed foods. It covers among others, the knowledge in food chemistry, microbiology, nutrition as well as process engineering including analysis, quality and safety, plus soft and success skills from Liberal Arts UPH.

Sarjana Teknologi Pertanian (S.T.P)

UPH Food Technology has maintained its specific values by offering unique subjects, taught by academician and some Industrial experts, to equip students for their future challenge in the workplace. They include Flavour Technology, Milk Processing Technology, Aquatic Food Processing Technology, Fermented Beverage Technology, Nutrition and Functional Food.

Dual Degree Program

University of Newcastle (UON), Australia

Degree:

The curriculum is based on the National and International standards referring to the basic requirements for Food Science and Technology program established by Institute

Of Food Technologists (IFT, USA) and Perhimpunan Ahli Teknologi Pangan Indonesia (PATPI). The Networking established by UPH Food Technology Department with some national and international food institutions as well as mutual partnership with food industries has enriched the value of this program.

From UPH:

Sarjana Teknologi Pertanian (S.T.P)

From UON Australia:

Bachelor of Food Science and Human Nutrition (BFSHN)

CAREER OPPORTUNITIES

- Food and beverage industries (Production, Quality Control, R&D, and Marketing)
- Food and beverage distributors
- Food Supply chain industries
- Technical Supports in some flavour houses or food ingredient suppliers
- Consultants
- Researcher and Lecturer

FOOD TECHNOLOGY COURSE OFFERING

- Food Chemistry
- Food Biochemistry
- Food Microbiology
- Food Processing Technology
- Food Analysis
- Sensory Evaluation of Food
- Food Safety and Sanitation
- Food Quality Assurance
- Milk Processing Technology
- Food Biotechnology
- Fermented Beverage Technology
- Fruit & Vegetable Processing Technology
- Dietetics
- Liberal Arts

TESTI - MONY



Yogi Sugita

**Senior Scientist - Beverage, PT Kerry
Ingredients Indonesia**

Food Technology, 2003

"Food Technology UPH is a fun and complete place for obtaining education and experiencing the world of food and beverage technology. UPH is a place very good for studying because the university culture, location, main and supporting facilities which are optimized for education process and in shaping leadership spirit to each of its students."



Dea Krismarietta

Nutrition/Dietitian in Sydney, Australia

Food Technology, 2006

"Food Technology UPH helped me when I pursued a graduate study in Sydney, Australia. Learning and experience which I got helped to guide me to study further at a master degree level and became an expert in Nutrition/Dietitian in Sydney, Australia. Although I am now working as a dietitian, not in food industry, but scientific knowledge that I learned before was still recalled and applied."



Angeline Aprilina

**Food Technologist PT Kraft Heinz ABC
Indonesia**

Food Technology, 2013

"Science and technology are taught very relevant and as capital sufficient to compete in the workplace."



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CIVIL ENGINEERING

UPH Civil Engineering's vision is to be a leading and qualified civil engineering education centre that produces professional engineers who lead in their field, focus on sustainability and environmental-friendly technology, and centered in Christ.

Regular Program

Degree:

**Sarjana Teknik
(S.T.)**

Civil Engineering Department provides graduates with the theoretical knowledge, skills, and professional attributes necessary for a career in civil engineering.

The program was developed in response to the growing needs for civil engineers to cope with the challenges of the globalization especially building awareness of the characteristics and significance of construction projects and infrastructure, including their technology, economics, and social impact.

CAREER OPPORTUNITIES

- Consultant
- Lecturer
- Contractor Entrepreneur
- Developer
- Researcher
- Public Service

CIVIL ENGINEERING COURSE OFFERING

- Mathematics
- Construction Material Technology
- Land Surveying
- Soil Mechanics
- Engineering Mechanics
- Foundation Engineering
- Concrete Structure
- Steel Structure
- Design of Seismic Resistant Structure
- Job Training
- Civil Engineering Design
- Project Cost Estimation
- Construction Management
- Fluid Mechanics
- Transportation
- Water Resources Management
- Thesis



Reeb
EST
CANTON, M
MASSACHUSETTS

TESTI - MONY



Vincent Hasen, S.T., M.T.

Ph.D. student in Texas A&M University,
USA

Civil Engineering, 2006

"UPH Civil Engineering has never stops improving their means and methods of education. By holding on to the vision 'TRUE KNOWLEDGE, FAITH IN CHRIST, and GODLY CHARACTER' they make sure their graduates are of the highest quality in every aspect of life. It is truly a blessing to be part of UPH Civil Engineering family."



Sujoko, S.T.

Site Manager

Civil Engineering, 2012

"In my opinion, the teaching system at UPH Civil Engineering S1 program provides more flexibility in learning for students, in compliment to the S2 teaching system that focuses more toward tasks and applications. Through education in S1, our character is built into adulthood and we can better understand what is suitable for application in the field. Also, we do a lot of experiments in UPH Civil Engineering laboratories such as stress test for concrete, tension test for wood, and test for steel."



Endrick Andrian, S.T.

Project Director

Civil Engineering, 2013

"The experience of studying in UPH Civil Engineering course is very helpful to begin and to develop my current career in the contractor field . The fast teaching and learning system (graduating in 3.5 years), a supportive academic supervisor, and campus facilities in a beautiful and modern university area make the learning periods very pleasant even though it is fast."

BIOTECHNOLOGY

UPH Biotechnology (Biology) Department equips students with strong theoretical and practical skills in the field. The course will prepare students to face challenges in the health, food, agricultural and environmental industries professionally and to develop new innovative products in various areas.

Regular Program

Degree:

**Sarjana Sains
(S.Si.)**

Biotechnology is rapidly evolving field in the modern life which incorporates technologies into biology. It allows cutting edge ideas to be experimented hands-on in various organisms, cells and molecules such as proteins, DNA and RNA. Biotechnology allows the swift advancement in the medical, pharmaceutical, food and agriculture, and environmental industries.

The prospect of Biotechnology in global related business is promising. The hope to tackle various global challenges in medical, agricultural, industrial and environmental in the future will rely greatly in the advancement of biotechnology. In Indonesia, trained people and professionals in the field are needed. The UPH Biotechnology (Biology Department) offers program that leads to the award of a Bachelor of Science degree upon course completion.

In the first and second years, students will learn key skills in biotechnology such as fundamental biology, biochemistry, microbiology and molecular biology. In the third year, students are to engage in laboratory skills training of DNA technology with its application. In their last year, students will be expected to gain real-world experience through attachments at major healthcare, food, agricultural and environmental industries and work on their own final year projects.

CAREER OPPORTUNITIES

- Biotechnology Companies
- Food and Pharmaceutical Industries
- Research and Educational Institutions
- Clinical Laboratories
- Health Consultants

BIOTECHNOLOGY COURSE OFFERING

- Biochemistry
- Cell Biology
- Genetics
- Microbiology
- Molecular Biology
- Bioinformatics
- Enzymology
- Functional Food & Nutraceutical
- Nutrigenomics
- Fermentation Technology & Bioprocess
- Immunology
- Recombinant DNA Technology
- Plant & Animal Tissue Culture
- Medical Biotechnology
- Pharmaceutical Biotechnology
- Entrepreneurship

TESTI - MONY



Diana Priyatno

**Research Assistant at Mochtar Riady
Institute for Nanotechnology (MRIN)**

Biotechnology, 2009

"In general, studying Biotechnology in UPH was in accordance with my expectation. The lecturers of UPH Biotechnology are experts and very experienced in their field. I got a lot of knowledges and also opportunities to do studies and researches to enhance my knowledge. The laboratory's equipments are adequate enough and really helpful for the study process."



Ellen Tanudjaja

**Doctor Course student (2nd year) at
Uozumi Laboratory, Biomolecular
Engineering Dept., Graduate School of
Engineering., Tohoku University, Sendai,
Japan.**

Biotechnology, 2007

"During my undergraduate study at Biotech-UPH, I learn a lot of things, not only theory in the classroom but also direct practice in the laboratory, not only about academics things but also soft skills, which are very important in the real file. I believe that the lecturers and staffs at Biotech-UPH have done a great job of preparing me for the next level of education. Thank you Biotech-UPH."



Yenni Soraya

Brand Manager-Prost Beer

Biotechnology, 2010

"Study Biotechnology in UPH is the memorable experience that'll never be easily forgotten, because it's made me who I am today. Not only the basic knowledge about Science that was transferred to us, but also all the skills that we need for our working life. When you graduate from Biotechnology UPH, you will ready to face the next level of your career."



ELECTRICAL ENGINEERING

EE UPH is one of only about 10% EE departments that is accredited with A by BAN-PT in Indonesia. The A-accredited Electrical Engineering program focuses on two concentrations: Electronics and Telecommunications Engineering.

Regular Program

Degree:

**Sarjana Teknik
(S.T.)**

Activities & Cooperations

- Partnership with 22 European & Asian universities in Erasmus + LEADERS consortium (www.emleaders.eu)
- Research partnership with MMM Research Center
- Best paper award in the 4th Int. Conf. on Instrumentation, Communications, Information Tech. and Biomedical Eng. 2015
- Cooperation with Indonesian Institute of Sciences (LIPI)
- Strong expertises in mobile comm., photonics, embedded systems, laser spectroscopy, solar energy, software defined radio

Electronics Engineering

Robotics, Mechatronics,
Microcontrollers, Microprocessors,
Renewable Energies, Optoelectronics,
Internet of Things

Telecommunications Engineering

Digital Communications, Wireless/
Mobile/Optical Communications,
Communication Networks, Digital
Signal Processing.

Parts Of Life-Long Learning & Business Skills

Leadership, Ethics, Technology Business, Telecommunication Regulations and Business.

TESTI - MONY



Wandi Susanto, S.T., M.Sc.

Recipient of Master Scholarship of DFG in Saarland Univ., Germany, Biomedical Imaging Software Developer in Definiens, Germany

Electrical Engineering, 2004

"As a student with much of curiosity, I was fortunate to meet and study under the guidance of my professors and lecturers in UPH Electrical Engineering Department. They were determined to inspire me and my classmates to excel in our disciplines, understanding discoveries of Gustav Robert Kirchhoff, James Maxwell, Nicola Tesla, and Claude Shannon which shape our modern world today.



Hery Susanto Djie, Ph.D

Engineering Director, Lumentum Holding Inc., San Jose, California, USA. Recipient of Nanyang Tech. Univ. Outstanding Young Alumnus Award, 200+ journal/conf. publications, 5 US Patents

Electrical Engineering, 1995

"UPH is a huge factor that provides me a strong foundation to the next level of my journey as doctoral candidate and my professional path. There is no substitute for four years of education, training, and experiences in the department that moulded me and proved the prime factor on what I have accomplished so far. I will be forever grateful for what the department and the university have contributed to what I am today! "



Margaritifera Tilaar, S.T.

SAP Consultant (previously at Astra Graphia IT, Mitra Solusi Telematika)

Electrical Engineering, 2004

"I learned theoretical knowledge in various disciplines, and developed practical skills like teamwork and problem solving. It helps building my career even after I moved into another field, IT Consulting. The department was relatively small, which made it easier to build connections with friends and receive support from the lecturers. "

INDUSTRIAL ENGINEERING

Industrial Engineering courses focus on integrated system of 5M (Man, Machine, Material, Method and Money). Class and lab activities are designed to equip students with knowledge, skills, and case study to be able to identify, formulate, analyse, solve and provide proposed solutions.

Regular & Full English Program

Degree:

**Sarjana Teknik
(S.T.)**

The curriculum prepares students to become industrial engineer in global company through theory and practical work. Not only equipped with the principles and current issues in the field of industrial engineering, students will also carry out research, data collection, interpretation and analyse the impact to economic, environmental and social aspects.

Industrial Management

Industrial management studies the management side of software-driven industrial fields, and human resource-related management. A number of subjects like Enterprise Resource Planning (ERP), Supply Chain Management, Decision Support Systems, Lean and Green Manufacturing are taught as separate subjects in Industrial Management.

Industrial Automation

Industrial Automation covers robotic production line with automation sensory, process control, and metal works. It is a part of a corporate integrated information system with an emphasis on Industrial Control System, Mechatronics, Factory Automation, CAD/CAM, Robotic System

CAREER OPPORTUNITIES

- Consultant
- Product Development
- Brand Management
- Production Planning and Inventory Control (PPIC)
- Industrial Operation
- Industrial Software (ERP)

INDUSTRIAL ENGINEERING COURSE OFFERING

- Simulation
- Business Development and Entrepreneurship
- Analysis and Design of Information Systems
- Production System
- Engineering Economy
- Descriptive and Inference Statistics
- Industrial Psychology
- Ergonomics
- Stochastic
- Project Management
- Quality Control & Assurance
- Design of Industrial Facilities
- Life Cycle Engineering
- Occupational Health & Safety (K3)
- Industrial Psychology
- Leadership

TESTI - MONY



Edwin Putra
ERP Senior Analyst in Singapore

Industrial Engineering, 2006

"Having ERP knowledge while studying in Industrial Engineering UPH, gives a significant contribution to my current position as ERP Senior Analyst in Singapore."



Mellisa Handryani Christine
Data Analyst, Tokopedia

Industrial Engineering, 2010

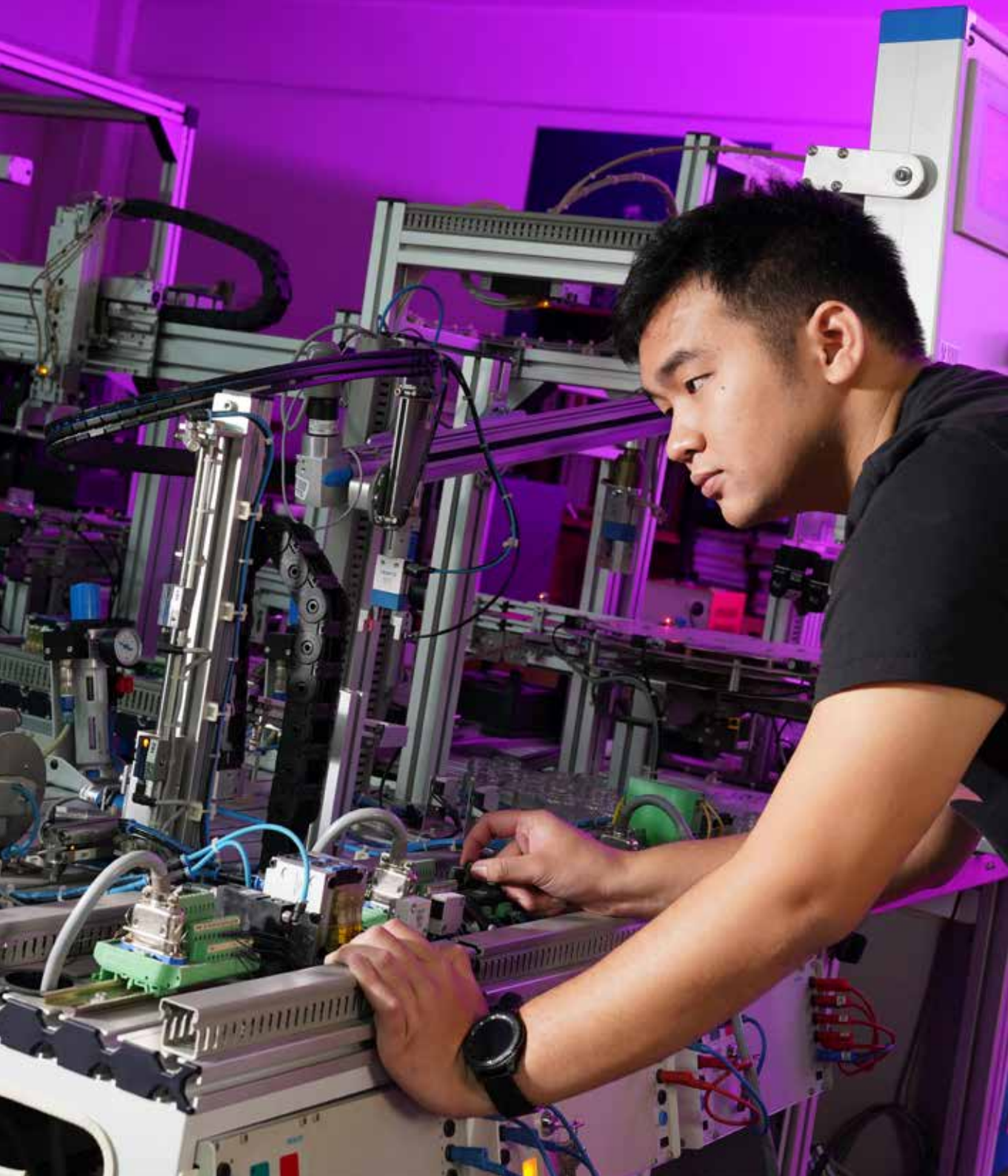
"Studying Industrial Engineering in UPH was one best decision in my life. There, I gained knowledge and experience that are also competitive with other public universities. Apart from knowledge, my uni life was not complete without social life I had with my friends and lecturers."



Timothy Henry
Design Engineer at PT. Star Cosmos

Industrial Engineering, 2012

"Studying at UPH Industrial Engineering has given me the skills required to compete in my professional career as a design engineer at one of the renowned manufacturers of electric home appliances."



PHARMACY

**Do you want to be ready to work after study?
Pharmacy vocational study program, in collaboration with Siloam Hospitals group, offers training to equip you with the required professional competences to work in pharmacies, hospitals, and pharmaceutical industries.**

Regular Program

Degree:

**Vocational Diploma (D3):
Ahli Madya (A. Md.)**

Curriculum:

The curriculum consists of 108 credits (SKS) which will be given in 3 years, and contains theoretical classes, laboratory sessions, practical trainings, internships, and final project. The graduates will obtain the academic title of Ahli Madya (A.Md.).

Health-care is a fast-growing and forever-needed services in the communities. One of the main health-care service providers is pharmacist-assistant, which is not only needed in pharmacies, but also in hospitals and pharmaceutical industries. These much-needed professionals are responsible to help the pharmacists to prepare and dispense the medicines to the customers, manage the day-to-day operation, control and maintain the stock system of pharmacies and pharmaceutical departments in hospitals. They are also involved in the medicine production in a pharmaceutical industries.

Considering the growing population and the increase of the quality level of health-care services, more and more pharmacist-assistants with vocational diploma competence will be needed. UPH in collaboration with Siloam Hospitals group is committed to contribute for the preparation of competent pharmacist-assistants by providing excellent professional trainings by competent lecturers from experienced professionals and academics with at least master degrees from well-known universities both in Indonesia and abroad, supported with excellent laboratories and good interactions with Siloam Hospitals. Attention is given to the building of good characters as foundation of good professionals. Graduate from pharmacy vocational study at UPH will be also equipped with good English language training (TOEFL) so that they can work globally.



CAREER OPPORTUNITIES

- In the field of clinical pharmaceutical services:
Pharmacies, Clinics, Hospitals
- In the field of manufacturing and quality control of pharmaceutical preparations:
Pharmaceutical factory, Traditional medicine factory, Cosmetics, Food and drink industries
- In the field of distributing pharmaceutical preparations:
Pharmaceutical and traditional medicine industries, distributors, laboratories
- As entrepreneur in pharmaceutical business

COMPETENCES

The graduates of this study program will have the following competences:

- Ability to provide excellent pharmaceutical services in health-care facilities, following the applicable legal aspect and standard operating procedures
- Ability to manufacture medicines and other pharmaceutical preparations according to Good Manufacturing Practice (GMP) standard and the applicable legal and ethical aspects
- Ability to distribute pharmaceutical preparations, medical devices, and other medical ingredients according to the applicable standard procedures, legal aspect, and ethics
- Ability to assist pharmaceutical research
- Entrepreneurship

FACILITIES

- Class rooms with multimedia facilities
- Pharmaceutical laboratories:
Pharmaceutics laboratory, Pharmacognosy laboratory, Pharmaceutical technology laboratory, and other related laboratories
- Library
- Student lounge
- Sport facilities:
Swimming pool, gym, soccer, basketball, and futsal fields

INSTITUTIONAL PARTNER

Siloam Hospitals group





NATIONAL ACHIEVEMENTS

NO.	YEAR	EVENT	STUDENT ACHIEVEMENT	MAJOR
1.	2017	Selekda Asian Skill Competition XII	1st & 2nd Place	Industrial Eng. Department
2.	2017	Indonesian Food Bowl Quiz	1st Place	Foodtech Department
3.	2017	ON MIPA PT	Gold Medal	Math Department
4.	2016	ON MIPA PT	1 Gold Medal	Biology Department
5.	2016	National UPH Foodpreneur Competition	1st & 2nd Place	Foodtech Department
6.	2015	Calculus Cup VI	Semi Finalist	Math Department
7.	2015	OSN Pertamina	TOP 6	Math Department
8.	2015	Lomba Teknik Industri (EFiCn)	First Place	Industrial Eng. Department
9.	2015	Teknik Industri IECA	Third Place	Industrial Eng. Department
10.	2015	Lomba Keilmuan Teknik Industri (LKTI)	Third Place	Industrial Eng. Department
11.	2015	The Third Indonesia Food Quiz Bowl Competition	First Place	Foodtech Department
12.	2015	ON MIPA PT	1 Gold Medal & Honourable Mention	Biology Department
13.	2015	ON MIPA PT	Bronze Medal	Math Department
14.	2014	OSN Pertamina	Finalist	Math Department
15.	2014	Lomba Teknik Industri (EFiCn)	2nd Place	Industrial Eng. Department
16.	2014	Indofood Riset Nugroho (IRN)	Excel Researcher In Food Diversification	Foodtech Department
17.	2014	ON MIPA PT	Gold Medal	Math Department
18.	2014	Mathematical Modelling Competition (MMC) ITB	2nd Place	Math Department
19.	2014	National Food Technology Competition	2nd Place	Foodtech Department
20.	2014	ON MIPAT PT	1 Bronze Medal & Honourable Mention	Biology Department
21.	2014	Lomba Teknik Industri (EFiCn)	2nd Place	Industrial Eng. Department
22.	2013 & 2014	Lomba Keilmuan Teknik Industri (LKTI)	3rd Place	Industrial Eng. Department
23.	2014	OSN Pertamina Competition	2nd & 3rd Place Regional Round	Industrial Eng. Department
24.	2011 - 2016	27 Program Kreatifitas Mahasiswa-Penelitian (PKM-P) 8 Program Kreatifitas Mahasiswa-Karya Tulis (PKM-KT) 1 Program Kreatifitas Mahasiswa-Kewirausahaan (PKM-K)	2nd & 3rd Place Regional Round	Industrial Eng. Department
25.	2013	OSN Pertamina Competition	1st Place	Biology Department
26.	2013	OSN Pertamina	1st Place Regional Round	Math Department
27.	2013	ON MIPA PT	Gold & Bronze Medal	Math Department
28.	2013	ON MIPA PT	2 Silver & 1 Bronze Medals	Biology Department
29.	2013	Mathematical Contest in Modelling	Meritorious	Math Department
30.	2013	Lomba Teknik Industri (EFiCn)	1st & 2nd Place	Industrial Eng. Department
31.	2013	Lomba Teknik Industri The 7th National Statistics Competition for Engineering - Students	2nd Place	Industrial Eng. Department



INTERNATIONAL ACHIEVEMENTS

NO.	YEAR	EVENT	STUDENT ACHIEVEMENT	MAJOR
1.	2017	International Math Competition for University Student	1st Place	Math Department
2.	2015	ASEAN Undergraduates Food Quiz Bowl Competition	3rd Place, Manila, Filipina	Foodtech Department
3.	2015	Int. Conf. on Instrumentation, Communication, Information Technology, and Biomedical Eng	Best Paper Award	Electrical Eng. Department
4.	2013	Business Idea Competition	Champion of the ASEAN Preneurs, Manila	
5.	2013	Meritorious Winner of the International Mathematics Contest in Modelling		

LECTURERS

- Hold Master's and Doctoral degrees from distinguished national and International universities
- Skilled professionals

FACILITIES

- Basic Biology Laboratory
- Advanced Biology Laboratory
- Power Engineering Lab
- Control and Digital Lab
- Electronics Engineering Lab
- Electrical Eng. Research Lab
- Chemistry Lab
- Quality Control Lab
- Microbiology Lab
- Sensory Lab
- Food Processing Lab
- Food Research Lab
- Physics Lab
- Language Lab
- Computer Lab
- Industrial System Control
- Telecommunication Engineering Lab
- Work System and Design
- Integrated Business Lab
- Workshop
- Industrial Technology Center
- Automation Lab
- Factory Simulation (a small factory equipped with robotic programming)
- Soil Mechanics Lab
- Computation in Civil Engineering Lab
- Concrete Technology Lab
- Lithography Lab

INDUSTRIAL PARTNERS

- PT. Indosat
- PT. Toyota Astra Motor
- PT. Ericson Indonesia
- FIRST Media
- Communication Cable System Indonesia
- Orang Tua Group
- PT. Unilever Indonesia, Tbk
- PT. Indofood Sukses Makmur
- PT. Boga Sari
- Mayora Indah, Tbk
- PT. Coca Cola Bottling Indonesia
- PT. Sanghiang Perkasa (a subsidiary of Kalbe Group)
- PT. TUV Theiland Indonesia
- PT. Sinar Sosro
- Prima Food (a member of Charoen Pokphand Group)
- PT. Frisian Flag Indonesia
- PT. Japfa Santori Indonesia
- PT. Multi Bintang Indonesia, Tbk
- PT. Heinz ABC Indonesia
- Garuda Maintenance Facility
- FESTO: in Lab Equipment Supply/Lab Operation/ Lab Maintenance/Lab Equipment Updates
- Saint Gobain
- Royal Doulton: provides internship opportunities for students in Production & Quality Control Department
- PT. Colorpak Indonesia
- PT. Wijaya Karya Beton
- PT. ABB Sakti Industri
- PT. Daytona
- PT. Sierad Produce
- Nutrifood Research Center
- Nutrifood, R&D Division
- PT. Buhler Indonesia
- PT. Wiratman
- Research Center for Physics, LIPI
- PT. Swadaya Prima Utama

INTERNATIONAL PARTNERS

- School of Electrical and Electronics Engineering, Kyungsoong University, Busan, South Korea
- Communications Engineering Lab, Karlsruhe Institute of Technology, German
- Handong Global University, South Korea
- University of Newcastle, Australia
- Chung Yuan Christian University, Taiwan
- Partnership with 22 European and Asian universities in Erasmus + LEADERS consortium (www.emleaders.eu)
- Northwestern Polytechnical University, Xi'an, China



SCAN HERE FOR



UPH 360°
VIRTUAL
TOUR

UNDERGRADUATE ADMISSION CENTER

LIPPO VILLAGE CAMPUS

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Phone: (021) 547 0901

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**FACULTY OF
SCIENCE AND
TECHNOLOGY**

