

# FACULTY OF MEDICINE



The Faculty of Medicine, Universitas Indonesia (FKUI), as one of the faculties within UI, was in fact established before the establishment of UI itself. The Faculty of Medicine was the continuation of two previous institutes of medical education:

1. Perguruan Tinggi Kedokteran Republik Indonesia and
2. Geneeskundige Faculteit Nood Universiteit van Indonesia. Both were merged and bear the name of Faculty of Medicine Universitas Indonesia, the oldest faculty of medicine in the country.

Being in the forefront of medical science in the country, the Faculty of Medicine offers Bachelor, Master, Doctoral and Specialist programs in numerous medical areas. It also manages 32 departments where research and education activities are its focus. The faculty's research activity in health is high, conducted in almost all departments with the support of 43 laboratories. There are numerous collaborations with institutions and associations, both local and overseas. The faculty is closely linked to the University of Melbourne, Monash University and University of Newcastle (UK). Partnerships between the Faculty of Medicine, Universitas Indonesia and those two reputable universities results in a valuable opportunity where students are able to pursue a Bachelor Degree in Medical Science with a Joint degree scheme. With more than a hundred years of experience in medical education, the Faculty of Medicine will remain a center of excellence for quality education and research.

## RESEARCH INTERESTS

The six integrated research and service centers not only conduct international-scale research, but also contribute in determining research direction in the respective fields in Indonesia as well as providing service to the public according to evidence-based medicine. The services offered include reproduction health and infertility, stem cell technology, transfusion medicine, virology & cancer pathobiology, education service and drug review. FKUI commits to continue various researches up to the functional application stage to the end-user of medicine and healthcare service.

## RESEARCH CENTERS

- Research and Healthcare Service Center of Reproduction and Infertility
- Paradis: Research and Healthcare Service Center of Medical Stem Cell Technology
- Paradis: Research and Healthcare Service Center of Transfusion Medicine

- Paradis: Research and Healthcare Service Center of Virology and Cancer Pathobiology
- Paradis: Research and Service Center of Silent Mentor Education
- Paradis: Research and Service Center of Drug Review

#### FACULTY CONTACT

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## BACHELOR'S DEGREE

### MEDICINE

Degree : Sarjana Kedokteran (Bachelor of Medical Science)

Campus Location : Salemba Campus

Lecture Schedule : Morning/Daytime

Length of Study : 12 Semesters

Language : Indonesian

Accreditation : A

Universitas Indonesia's Bachelor of Medical Science program is recognized as the oldest and most prestigious in Indonesia. The study program is designed to provide students with an in-depth understanding of medical science aspects. The program employs a competence-based curriculum which is maintained to accommodate the current progress in medical science allowing students to gain medical knowledge and practical competence. The curriculum consists of three phases; general education and medical science delivered during the 1st to 6th semester and clinical practice in the 7th to 8th semester.

Students will engage in in-class theoretical lectures and practical works at Cipto Mangunkusumo Hospital; teaching and learning activities include:

- Students' Active Learning
- Problem Based Learning
- Integrated Teaching
- Community Medicine
- Early Clinical Exposure
- Evidence Based Learning
- Advanced Teaching Technology
- Professional Attitude
- Research

In the final year of study, students are required to conduct medical practice or internship in medical clinics and public health areas with elective posting.

#### CAREER OUTLOOK

Graduates can pursue possible careers in the medical field, such as a general physician in private practice or public service centers such as hospitals or dental clinics. They also have opportunities in more specialized medical areas or public health, such as cardiology, neurology, dermatology, epidemiology, etc.

#### GENERAL ASSESSMENTS

Mid test, Final test, Task, Seminar, Practical Exam, Project Proposal and Undergraduate Thesis.

#### SPECIFIC ENTRY REQUIREMENTS

International applicants are expected to meet the language requirements set by the university and to have an understanding of Indonesian Language in order to be admitted to the program since the courses are delivered in the Indonesian language.

### MEDICINE (INTERNATIONAL CLASS)

Degree : Sarjana Kedokteran & Bachelor of Medical Science (Joint degree)

Partner University : The University of Melbourne, Monash University, University of Newcastle (UK).

Campus Location : Salemba Campus, Universitas Indonesia & partner university campuses

Lecture Schedule : Morning/Daytime

Length of Study : 12 Semesters (1-6,

9-12 : Universitas Indonesia, 7-8 : Partner university)

Language : English

The international class in Medical Science is designed to accommodate the growing advancement in medical treatment and the need for professional physicians who are qualified and competent in international curriculum standard. The international program in Medical Science is offered in a joint degree scheme in cooperation with the University of Melbourne and Monash University. The students are to transfer to one of these universities at the 7th and the 8th semester. To complete the joint degree program, students have to complete the credits required by both universities (Universitas Indonesia and partner university). Upon graduation, graduates will be awarded with Sarjana Kedokteran from Universitas Indonesia and Bachelor of Medical Science from the University of Melbourne or Monash University.

After completing the scientific basis of medical practice and obtaining the Bachelor Degree in Medical Science, students have to undertake a medical internship program for one year, in which students are able to comprehensively interact with professionals in health care as well as patients through general practice at the hospital or health promotion programs in rural areas. This program is part of the medical doctor program.

## CAREER OUTLOOK

Graduates can pursue possible careers in the medical field, such as general physicians in private practice or public service centers such as hospitals or dental clinics. They also have opportunities in more specialized medical area or public health, such as cardiology, neurology, dermatology, epidemiology, etc.

### GENERAL ASSESSMENTS

Mid test, Final test, Task, Seminar, Practical Exam, Project Proposal and Undergraduate Thesis.

### SPECIFIC ENTRY REQUIREMENTS

- Pass the Interview Test
- Obtain minimum TOEFL score of 570

## MASTER'S DEGREE

### BIOMEDICAL SCIENCES

Degree : Magister Biomedik (Master of Biomedical)

Campus Location : Salemba Campus

Lecture Schedule : Morning/Daytime

Length of Study : 4 Semesters (40-42 credits)

Language : Indonesian

Accreditation : B

The Biomedical Science Graduate Study Program has a mission to shape the mindset of young scientists who are logical, creative and innovative. Students enrolled to this program are trained to search and develop science to explain the phenomenon of life in the level of molecular, cellular, organ and organism. With an exclusively designed curriculum, students are not only encouraged to understand about molecular biology, but also to apply scientific theory to prevent, treat as well as provide rehabilitation for the diseases.

Biomedical science is branch of medicine that use basic principle and knowledge of natural science (biology, chemistry and physics) to explain the phenomenon of life at the level of molecule, cell, organ and organism, in relation with disease as well as find and develop the suitable material to prevent and treat the destruction because of the disease.

The aim to study biomedical science is to handle health/medicine problem that has not been solved with clinical approach, not only supporting clinical approach. As the scope of biomedical science is very large, there are

plenty of chances for those who are not doctor with qualification of natural science to develop their interests in this field. Approaches in Biomedical Science is done through laboratory method, be it biological tests from patient, environment or animal experience.

### CAREER OUTLOOK

Graduates have the opportunity to pursue higher careers in academic and research activities, industries, laboratories, or proceed to Ph.D. degree.

### MEDICAL EDUCATION

Degree : Magister Pendidikan Kedokteran (Master of Medical Education)

Campus Location : Salemba Campus

Lecture Schedule : Morning/Daytime

Length of Study : 4 Semesters (42 credits)

Language : Indonesian

Accreditation : B

Medical education develops professionals in medical teaching who own special characteristics with integrated knowledge on science, skills, ethics, morality while understanding law and culture. While developing high scientific and ethical standard in medical education, medical education study also initiates new learning methods, medical education curriculum and innovative management of medical education.

The graduates are expected to have skills, knowledge and high standard of professionalism in their expertise while mastering curriculum design skill, research skill, curriculum delivery skill, student evaluation and program evaluation skill. Future career of the graduates include medical teacher, innovator, researcher and educational leader.

### CAREER OUTLOOK

Graduates have the opportunity to pursue higher careers in academic as a lecturer.

### NUTRITION

Degree : Magister Gizi (Master of Nutrition)

Campus Location : Salemba Campus

Lecture Schedule : Morning/Daytime

Length of Study : 4 Semesters (42 credits)

Language : Indonesian

Accreditation : B

Nutrition is defined as a discipline that learns about the relationship of food intake with health of the body as well as the related

factors. Nutrition has become one of key role in promoting good quality human resources who are able to compete in globalization era. The graduates of this program are expected to be able to:

- Identify, formulate and determine priority in Community and individual nutritional issues
- Plan, coordinate, control and evaluate intervention program for the community or individuals, as well as collaborating with professionals from other fields of study and institutions to overcome the nutritional problems.
- Give recommendations on nutritional policies to solve nutritional problems from the scientific, economical, or social perspective.
- Generate research ideas on nutrition, plan and evaluate a research program and collaborate with professionals from other field of study and institutions in doing research.
- Plan, formulate and maintain educational or research program on nutrition.
- Develop a good appearance and professionalism, be an open minded individual who is responsive to the development of science and technology related to nutrition in particular.

### SPECIALIZATION

This program has two choices of specialization:

- Clinical Nutrition
- Community Nutrition (regional program conducted in English)

### CAREER OUTLOOK

Graduates have the opportunity to pursue higher careers in academic as a lecturer.

### OCCUPATIONAL MEDICINE

Degree : Magister Kedokteran Kerja (Master of Occupational Medicine)

Campus Location : Jl. Pegangsaan Timur No. 16, Cikini, Jakarta Pusat

Lecture Schedule : Morning/Daytime

Length of Study : 4 Semesters (42 credits)

Language : Indonesian

Accreditation : B

Occupational Medicine study tries to actively address the development of occupational medicine and work safety issue. It maintains engagement to the latest update in response to change and advancement of science and technology related to occupational medicine and work safety. The program study aims also to develop occupational medicine specialists

who are capable of developing science and technology in occupational medicine, improve their professional service through researches and able to formulate problem solving in occupational medicine and work safety through scientific approach.

### SPECIALIZATION

This program has three choices of specialization:

1. Occupational Medicine
2. Aviation Medicine
3. Naval Medicine

The normal length of study is 4 semester and it takes at least 42 credits including thesis which weighs 4 credits. Upon the completion of study, graduates will be awarded with a degree, Master in Occupational Medicine.

### CAREER OUTLOOK

Graduates have the opportunity to pursue higher careers in academic and research activities, industries, health clinics, or government offices.

#### GENERAL ASSESSMENTS

Mid test, Final test, Task, Seminar, Practical Exam, Project Proposal and Undergraduate Thesis.

#### SPECIFIC ENTRY REQUIREMENTS

International applicants are expected to meet the language requirements set by the university and to have an understanding of Indonesian Language in order to be admitted to the program since the courses are delivered in the Indonesian language.

## DOCTORAL DEGREE

### BIOMEDICAL SCIENCES

Degree : Doctor  
Campus Location : Salemba Campus  
Lecture Schedule : Morning/Daytime/  
Evening  
Length of Study : 6-10 Semesters (50  
credits)  
Language : Indonesian

Envisioned to be the leading institution of biomedical sciences, this doctoral program prepares the students for a career in biomedical research by emphasising on a research-oriented approach and comprising both theoretical and practical elements.

Equipped with knowledge of modern molecular and cell sciences, the study aims at graduating students who have high integrity, are able to conduct independent and group research to find solution for health and biological problems, as well as socializing their findings to public.

### CAREER OUTLOOK

The graduates of this program can work as lecturer in universities, as researcher in research institutions or industries, or as manager of laboratory.

### MEDICINE

Degree : Doctor  
Campus Location : Salemba Campus  
Lecture Schedule : Morning/Daytime/  
Evening  
Length of Study : 6-10 Semesters (49-52  
credits)  
Language : Indonesian

UI doctoral program of medicine has been designed to train students in developing their knowledge in medicine and to have high competence in solving problem in medical field by conducting research with interdisciplinary or multidisciplinary approaches. This course provides further academic clinical training combined with research experience.

### CAREER OUTLOOK

The graduates of this program have a wide range career opportunity in medical field and as lecturer in universities.

### NUTRITION

Degree : Doctor  
Campus Location : Salemba Campus  
Lecture Schedule : Morning/Daytime/  
Evening  
Length of Study : 6-10 Semesters (47-48  
credits)  
Language : Indonesian

The doctoral program of nutrition of UI aims at providing an opportunity for healthcare professionals and scientists to specialise in nutrition. This course offers two specializations such as clinical nutrition and nutrition community. Both specializations are under and follow the same academic rules. Moreover, according to the history of both programs, the administration of academic is conducted by the Department of Nutrition FKUI for clinical nutrition, as for community nutrition is held

by the South East Asian Ministers of Education Organization Regional Center for Food and Nutrition (SEAMEO RECFON) UI. Therefore, the staffs of both programs are from those institutions.

### CAREER OUTLOOK

The graduates of this program have career opportunity as nutritionist in clinics, community or industries, or as lecturers in universities.

#### GENERAL ASSESSMENTS

Lecture, seminar, laboratory research and dissertation.

#### SPECIFIC ENTRY REQUIREMENTS

- Acquire master degree in equivalent field with minimum GPA  $\geq 3.00$
- Have ability in English with TOEFL  $\geq 500$
- Make a proposal for research