



KMU

Kaohsiung Medical University

<https://www.kmu.edu.tw/>

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100, Shih-Chuan 1st Road, Kaohsiung, 80708, Taiwan.
service@kmu.edu.tw



KMU
Admission
Website



Online
Application
Website



College
of
Medicine

About Kaohsiung

Kaohsiung
The Second Largest City of Taiwan & The Maritime Capital

• **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)

• **Population**
Approx. 2.7 million

• **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects

• **Climate**
Tropical Climate

• **Public Transportation**
Airline / High Speed Railway
Railway / MRT / Light Rail / Bus

• **Power**
110 volt AC



7 Department of Renal Care

2-year In-service Bachelor Degree

Tel : +886-7-312-1101 ext. 2645 #82 | Fax : +886-7-322-8050
E-mail : renalcare@kmu.edu.tw | <https://renalcare.kmu.edu.tw/index.php/zh-TW/>

Aims and Perspectives

The Department of Renal Care is the first department to train students as renal care professionals in Taiwan. The department offers a two-year in-service bachelor's program and is designed to enhance students' career capabilities. The program is perfect for first-line medical professionals to pursue further studies. Renal care professionals could support physicians in treating acute diseases related to acute kidney injury and engage in long-term care of chronic kidney diseases. By improving professional knowledge, care, management and research capabilities, students would benefit patients in the workplace and actively connect to global chronic kidney disease care efforts.

♥Features of Dept.

The department aims to educate and train students as excellent renal care professionals with knowledge, skills and social care. Graduates could work as dialysis nursing professionals in dialysis facilities or elaborate their professional knowledge in chronic disease prevention. According to students' choices of future career, they will be encouraged and trained to be professionals in the field of chronic kidney disease prevention in Taiwan.



♥Course Features

The basic courses emphasize on both medical profession and humanistic qualities.

- Enhancing students' professional care abilities for patients with chronic kidney disease.
 - Professional and practical disease diagnosis and evaluation.
 - Professional disease treatments and care implementation.
 - Solid research and management knowledge.
- Enhancing students' humanistic quality in regard to clinical care.
 - Display social care and international perspectives.
 - Emphasize team work skills and medical ethics.
 - Have an altruistic spirit and communication skills.

Course planning comprises basic knowledge in the first year, including renal physiology, renal pathology, clinical diseases, and general and humanities courses. The second year courses focus on blood purification and peritoneal dialysis which are key processes of renal care, and related knowledge of long-term care. The third year courses emphasize internships and research methods.

♥Future Careers and Developmental Paths

Advanced Study

Apply for post-graduate school in the fields of medical care, nursing, and long-term care.

Employment

Hemodialysis nurse, Peritoneal dialysis nurse, CKD (chronic kidney disease) educator.

8 M.Sc. Program in Tropical Medicine

Tel : +886-7-3121101#2136#22 | Fax : +886-7-3222461
E-mail : mstm@kmu.edu.tw | <https://mstm.kmu.edu.tw/>

Aims and Perspectives

M.Sc. Program in Tropical Medicine is specified for the knowledge and ability regarding research on Tropical Medicine, and is emphasized on:

- Tropical medicine & Medical parasitology
- Vector-borne infections & Medical entomology
- Clinical microbial infections & Travel medicine
- Tropical disease associated cancer & Virology



♥Features of Dept.

To equip students with Tropical Medicine related knowledge, academic research skills and to expertise students' need for an academic or research career in Tropical Medicine and Global Health.

♥Course Features

M.Sc. Program in Tropical Medicine provides a professional knowledge of tropical medicine which focuses on Recent Advances on Tropical Medicine & Global Health, Medical Entomology and Vector Control, Research Techniques for Parasitology, Special Topics in Public Health, Special Topics in Epidemiology, Diagnosis of Microbial Infection and Field Study of Tropical Medicine. Students must complete 30 credits, including 7 credits for required courses, 17 credits for elective courses and 6 credits for thesis.

The courses will enhance students' ability in clinical or laboratory diagnosis of tropical infections and preventive practice.

♥Future Careers and Developmental Paths

- Basic/Clinical Research on Tropical Medicine & Vector Control Projects
- National Quarantine Services
- International Hygiene & Humanity Services



9 Ph.D. Program in Environmental and Occupational Medicine

Tel : +886-7-312-1101 ext.2137 #16 | Fax : +886-7-322-2461
E-mail : shinyi@kmu.edu.tw | <https://eomphd.kmu.edu.tw/>

Aims and Perspectives

The Ph.D. Degree Program in Environmental and Occupational Medicine was founded in Division of Environmental Health & Occupational Medicine, National Health Research Institutes, and Kaohsiung Medical University in 2010. The purpose of the program is to educate and train students to develop skills in medical research organization with the emphasis of basic and clinical research.

♥Features of Dept.

This program is specified for the knowledge and ability regarding research on Environmental and Occupational Medicine, and is emphasized on environmental toxicants & lifestyle environment.

♥Course Features

The features of the courses are to study the exposure of environmental toxicants including biological, chemical, physical medium, and together with the impact of genetic factors, which will produce certain physiological disease. Identical courses of the program include 5 credits for required course and 13 credits for elective course. Most of courses are taken in KMU, and students have to take Lab rotation in NHRI.

♥Future Careers and Developmental Paths

To educate and train physicians to conduct clinical research and serve as clinical researchers.



10 Ph.D. Program in Translational Medicine

Tel : +886-7-312-1101 ext.2137 #16 | Fax : +886-7-322-2461
E-mail : shinyi@kmu.edu.tw | <https://tmphd.kmu.edu.tw/>

Aims and Perspectives

The Ph.D.Degree program in Translational Medicine was founded by Academia Sinica and Kaohsiung Medical University in 2010. The goal of the program is to upgrade the biomedical industry in Taiwan and university competitiveness in the world, to improve the quality of research and clinical health care and provide helps in the domestic biomedical industry.

♥Features of Dept.

The program is an integrative medical research organization with the emphasis of basic and clinical research. Topics related to biologic and human phenomena are further discussed at the cellular and molecular levels. By utilizing modern biotechnology research methods, the scope of research includes life science research involving clinical and basic medicine.

♥Course Features

The features of the courses are to apply findings in basic research on the application of the clinical aspect and to improve the quality of life and health in human being. Identical courses of the program are taught in English in Sinica.



♥Future Careers and Developmental Paths

Future Perspective: to cultivate outstanding physician scientists, and to research on the causes of severe disease, in use of prevent, screen, cure and medical care.



11 Ph.D. Program in Biomedical Engineering

Tel : +886-7-3121101#2512#32 | Fax : +886-7-3222461
E-mail : clinic@kmu.edu.tw | <https://bmephd.kmu.edu.tw/>

Aims and Perspectives

Mission Statement

The mission of the program is to cultivate professional researchers and physician scientists to conduct researches in the fields of biomedical electronic, biomaterials, medical information, rehabilitation technology and relevant others to cope up with the diverse society and meet the industrial needs.

♥Features of Dept.

Core Capabilities & Trainings of the Program

- Professional training of biomedical engineering
- Professional knowledge of specific fields
- Ability to plan and execute monographic studies
- Ability to solve problems and think independently and creatively
- Ability to grow and learn independently
- Ability to work with people from different fields
- Ability to lead, manage and organize
- Global view

♥Course Features

Students of the Doctoral Program come from different academic backgrounds such as engineering, science, biology and medicine. 18 credits, seminars, and an original thesis are required for graduation. For the doctoral candidates, the course Principles of Biomedical Engineering is required and also the qualify examination by the end of the fifth semester.

♥Future Careers and Developmental Paths

- To become teachers of academic institutes
- To become professional clinical researchers
- To become physician scientists

Kaohsiung Medical University

College of Medicine

<http://cpharmacy.kmu.edu.tw>

◆ **School of Medicine**
(Bachelor Degree)

◆ **School of Post-Baccalaureate Medicine**

◆ **Department of Sports Medicine**
(Bachelor / Master's / In-service Master's Degree)

◆ **Department of Respiratory Therapy**
(Bachelor Degree)

◆ **Graduate Institute of Medicine**
(Master's / Doctoral Degree)

◆ **Graduate Institute of Clinical Medicine**
(Master's / Doctoral Degree)

◆ **Department of Renal Care**
(2-year In-service Bachelor Degree)

◆ **M.Sc. Program in Tropical Medicine**

◆ **Ph.D. Program in Environmental and Occupational Medicine**

◆ **Ph.D. Program in Translational Medicine**

◆ **Ph.D. Program in Biomedical Engineering**



1 School of Medicine

Bachelor Degree

Tel : +886-7-312-1101 ext.2137/2336 #415/416 | Fax : +886-7-321-8309
E-mail : shihmei@kmu.edu.tw, inting@kmu.edu.tw | https://smed.kmu.edu.tw/

Aims and Perspectives

The School of Medicine aims to educate and train physicians that "care for their homeland, serve society, and contribute to the world". Graduates should have a humanistic quality, rich medical knowledge, strong medical ethics, empathy for others, and an active attitude of lifelong learning in order to become medical workers with a scientific spirit, proficiency in basic therapy, and good communication skills.

♥Distinguishing Features of the Department

- To integrate basic with clinical medicine. Based on organ system lectures and problem-based learning (PBL), students are educated and trained to have an independent thinking with active learning skills.
- To promote online video and interactive teaching.

♥Academic Programs

- Courses combining the organ system could make medical education more integrated and complete to enhance medical students' learning effectiveness unlike traditional courses that separate basic and from clinical courses.
- General and medical ethics courses include subjects such as local humanities and arts. Leaders in medicine, experts, and scholars in various areas in society are invited to deliver speeches to cultivate excellent medical personnel who provide human-oriented medical services, care for life, and have global perspectives.
- Students are assigned to do off-campus training, internships, and learn in other community-based teaching hospitals. Courses are designed to strengthen medical students' clinical skills through PBL, OSCE and Case Demonstration and to cultivate students' attitude of self-learning.
- The Clinical Skill Learning Center was established to help students practice clinical skills (Hands On).
- During the internship, students participate in clinical work as well as interact with and care for patients.

♥Future Careers and Developmental Paths

- To become clinicians.
- To become teachers.
- To work in health administration.
- To become researchers in epidemiology and preventive medicine.



2 Post-Baccalaureate Medicine

Tel : +886-7-3121101#2137#52 | Fax : +886-7-3222461
E-mail : cyy@kmu.edu.tw | https://bmed.kmu.edu.tw/index.php/zh-TW/

Aims and Perspectives

The School of Post-Baccalaureate Medicine was established in the spring of 1982. Students of the school are equipped with other bachelor's degree, a mature personality, strong comprehension, many social experiences and clear learning objectives for studying in medicine. In order to coordinate with the National Health Insurance and the strategies of long-term care, the school educates and trains excellent physicians that devote themselves to primary health care and conduct research related to community development, elderly people, occupational diseases, pollution medicine, chronic diseases, epidemics and infectious disease prevention in order to fulfill the ideals of epidemiology and preventive medicine.

♥Features of Dept.

- To integrate basic and clinical medicine. Based on Organ System lectures and teaching methods including problem-based learning (PBL), team-oriented learning (TBL) and case-based learning (CBL), students are educated and trained to have independent thinking and active learning skills.
- To promote online video and interactive teaching.

♥Course Features

- Courses that combine with the organ system could make medical education more integrated and complete, also to enhance medical students' learning effectiveness unlike traditional courses that separate basic and clinical courses.
- Students are assigned to do off-campus training, internships and learn in other community-based teaching hospitals. Courses are designed to strengthen medical students' clinical skills through PBL, OSCE and Case Demonstration and cultivate students' attitude of self-learning.
- The Clinical Skill Learning Center was established to help students to practice clinical skills (Hands On). The center has purchased Simman, the computer-controlled simulation technology, for students' training. The special designs of Simman could help students to conduct clinical skills training, such as administering anesthesia, ACLS, ATLS and intubation.
- During their clerkships, students participate in clinical work as well as interact with and care for patients.

♥Future Careers and Developmental Paths

- To become Clinicians,
- To become Teachers,
- To become Physician-scientists.



3 Department of Sports Medicine

Bachelor / Master's / In-service Master's Degree

Tel : +886-7-312-1101 ext2646#612 | Fax : +886-7-313-8359
E-mail : sportsmed@kmu.edu.tw | https://sportsmed.kmu.edu.tw/index.php/zh-TW/

Aims and Perspectives

- The Department of Sports Medicine was established on August 1, 2003. The department aims to educate and train professionals with medical knowledge and humanistic quality to implement physical fitness instructions and sports injury prevention, and to apply scientific knowledge to improve professional skills. The department also strives to establish proper exercise concepts for the public and athletes and strengthen their awareness of physical fitness and health management in order to achieve better health.
- The department offers the Master's program since 2007 and In-service Master's program from 2011 in order to train professional research personnel that are competitive in the sports medicine field and conduct research related to sports and health promotion, disease prevention and sports injury prevention and treatment.

♥Features of Dept.

The department was established under the College of Medicine. The courses provide medical knowledge and physical instructions to educate and train health promotion professionals. It also includes knowledge and skills relevant to sports injury prevention and treatment which could be integrated with physical instructions and to enhance sports medicine applications. By combining the expertise of physician professors from KMU Chung-Ho Memorial Hospital, clinical courses aim to train students to apply knowledge in clinical practices and obtain internship experiences. Clinical courses especially focus on educating and training students with capabilities in providing and implementing personalized exercise prescription to prevent diseases of modern civilization, such as metabolic syndrome and cardiovascular diseases. Moreover, the treatments of sports injury in Orthopaedic department are also studied.



♥Course Features

- 1.To promote the importance of exercise and physical fitness for health and disease treatment, and the influence of exercise prescription on health promotion.
- 2.To develop academic and practical research on sports injury prevention and treatment.
- 3.To educate and train professional research personnel in sports science and technology in Taiwan that could contribute and enhance the development of the sports industry.
- 4.To integrate sports technology and information to promote scientific research in sports technology for improving athletes' performance.

♥Future Careers and Developmental Paths

- 1.**To become health/fitness instructors**
To provide health/fitness instructions in hospitals, health centers, companies and gyms by upholding the global initiative "Exercise is medicine".
- 2.**To become athletic trainers**
To provide sports injury prevention and treatment services for various sports teams, professional teams, training centers and schools.
- 3.**To work in medical research institutions**
To be involved in the clinical health care system and to provide instructions in physical fitness and sports injury prevention, and help patients to recover as quickly as possible. To conduct research work in the institute related to the basic and clinical developments of sports medicine.



Shu-Ching Hsu (許淑淨), KMU's alumnus from Department of Sports Medicine, broke Weightlifting World Record and won as Champion in the 2014 Asian Games in Incheon. She won 2 gold and 1 silver medals in the 2015 International Weightlifting Federation World Championships. Ms. Hsu won her first Weightlifting medalist in London 2012 Summer Olympics. Successively, she received her second gold medal in Women Weightlifting of Rio 2016 Summer Olympics.

4 Department of Respiratory Therapy

Bachelor Degree

Tel : +886-7-3121101ext.2325 ext.72 | Fax : +886-7-3222691
E-mail : resp@kmu.edu.tw | http://respcare.kmu.edu.tw

Aims and Perspectives

Respiratory care is an organized medical profession. By consultation or the order of physicians, respiratory therapists implement respiratory therapy and care to the patients. In recent years, due to the aging society and environmental pollution, respiratory therapy has become an important issue in Taiwan. Respiratory therapists, therefore, are seriously needed. To meet the needs of respiratory care professionals in Taiwan, the Department of Respiratory Care of Kaohsiung Medical University was established in 2002 and offers a "2-year In-service Bachelor's Program". The department has launched an undergraduate program since 2003 and educated and trained "respiratory therapists" with emphasis on both theory and practice. In order to be consistent with the national respiratory therapist exam and enhance public recognition, the department was renamed as "Department of Respiratory Therapy" in 2007. In addition to cultivating talented people and enhancing quality of care, the department has systemized and professionalized the education and training of respiratory care professionals. The department aims to hold a key position in respiratory care education in Southern Taiwan.

♥Features of Dept.

- 1.The Department of Respiratory Therapy is the first academic institution of respiratory therapy in Southern Taiwan.
- 2.The cooperation with Kaohsiung Medical University Chung-Ho Memorial Hospital and other institutions provides the best practical environment and opportunities to promote professional techniques.
- 3.We provide rewards for collaboration between students and instructors to engage in basic and clinical studies in connection with respiratory therapy, promoting and presenting research results in international symposiums in the related fields.
- 4.We take advantage of the Clinical Technical Center and professional classrooms to propagate electronic simulated teaching leading to the proficiency of clinical specialized techniques.



♥Course Features

- 1.Emphasize on teaching, research and services.
- 2.Focus on both basic and professional courses that integrate basic clinical courses. The courses are accompanied with problem-based learning (PBL) and Team-based learning (TBL) programs to enhance students' learning effectiveness.
- 3.Promote digital simulation teaching in the Clinical Technical Center and professional classrooms to improve students' clinical and professional skills.
- 4.Actively cooperate with KMU Chung-Ho Memorial Hospital and other medical institutions to provide the best practical environment and courses for students to improve their professional skills in respiratory care.
- 5.Encourage collaboration between students and teachers in basic and clinical research related to respiratory care and publish the research results in domestic and international symposiums.

♥Future Careers and Developmental Paths

- 1.Graduates could apply for the national licensing exam and obtain the license of respiratory therapist.
- 2.To pursue further studies in graduate institutes of medicine (respiratory physiology and clinical medicine), respiratory therapy, public health and health care administration.
- 3.To become clinical respiratory therapists.
- 4.To conduct research and development of medical equipment related to respiratory therapy training and respiratory physiology.



5 Graduate Institute of Medicine

Master's / Doctoral Degree

Tel : +886-7-312-1101 ext. 2136 #23 or #426 | Fax : +886-7-322-2461
E-mail : gimed@kmu.edu.tw | http://gim.kmu.edu.tw

Aims and Perspectives

The Graduate Institute of Medicine is an integrative medical research institute that focuses on the integration of basic and clinical medicine. The institute provides Master's and Ph.D. programs with broad research fields and extensive diversities of specific interests which emphasizes on integration of basic and clinical medicine. Master's students are required to specify and register into one of the 10 subprograms, including translational medicine, biochemistry, molecular and cellular biology, microbiology, immunology, parasitology, pharmacology, clinical pharmacology, cellular physiology, molecular medicine, neuroscience, psychiatry, genome medicine, epidemiology, anatomy, pathology, tropical medicine, respiratory therapy, and medical laboratory and biotechnology. The graduate students consist of graduates and clinicians from life sciences-related disciplines. Therefore, the teaching curriculum includes basic science and clinical medicine and utilizes modern biotechnology research methods to provide interdisciplinary learning to cultivate students with practical skills and professional knowledge. Topics related to biological phenomena and clinical medicine are further discussed at the cellular and molecular levels.

♥Features of Dept.

- Bench-to-Bedside professions and trainings:** faculties with both basic and clinical medical sciences backgrounds provide integrated trainings and develop in-depth medical research.
- Disease-oriented Research:** the institute has conducted longitudinal research related to human diseases, and focused on genetic and molecular diagnosis and novel therapies development.
- Active international academic exchanges:** establishes Dual Ph.D. program with well-known universities including Univ. of California, Irvine, U.S.A., Uppsala Univ., Sweden, and Griffith Univ., Australia.
- Integrated and interdisciplinary research:** the institute actively joins other research groups outside the university, conducts integrated and multidisciplinary research and proactively enhances its research capabilities in order to improve the academic research status of the institute.

♥Course Features

- To establish an educational system that combines clinical and basic medicine.
- To educate and train excellent and independent researchers who are highly skilled, with analytic and speculative capabilities and are able to design innovative experiments to complete high quality research.
- To enhance students' language proficiency for academic achievement and internationalization.



♥Future Careers and Developmental Paths

- Full-time teachers or researchers
- Physician scientists
- Biotechnology professionals



6 Graduate Institute of Clinical Medicine

Master's / Doctoral Degree

Tel : +886-7-3121101#2512#32 | Fax : +886-7-3222461
E-mail : clinic@kmu.edu.tw | http://clinic.kmu.edu.tw

Aims and Perspectives

Aims and Perspectives

The Graduate Institute of Clinical Medicine aims to train clinicians with research skills and multidisciplinary research capabilities and focuses on both clinical and basic translational medicine research in order to solve important clinical issues, including improving and creating innovative methods of diagnosis and treatment as well as helping clinicians to be familiar with clinical trial design and implementation. The educational goal of the institute is to train and educate students as "Physician Scientists".

Vision

The institute educates and trains students as excellent physician scientists and teachers, and connects clinical medicine with basic research. Based on the vision of educating and training students as physician scientists with both clinical and basic research capabilities, the three main objectives of the institute are: 1. To diagnose, treat and prevent diseases with scientific methods and biotechnology. 2. To understand the differences between normal and diseased conditions with biomedical research. 3. To create lifelong learning and research opportunities for students and teachers.

♥Features of Dept.

- 1.To emphasize the integration of basic and clinical studies through interdisciplinary research.
- 2.To make improvements and innovations in diagnosis and therapeutic methods.
- 3.To integrate Big Data Analytics in Clinical Medicine.

♥Course Features

- To improve both research capabilities and qualities of each clinical discipline.
- To promote the development of clinical medicine as a whole and improve the quality of domestic medical services.
- To provide solid training that combines professional knowledge and skills, clinical trials, and laboratory research methods to enhance translational medicine applications.

♥Future Careers and Developmental Paths

- To become clinical teachers.
- To become professional clinical researchers.
- To become physician scientists.





♥ Course Features

- 1.Oral healthcare courses related to humanities, natural sciences, clinical dentistry, and preventive oral healthcare.
- 2.Courses in-line with international trends and focusing on empirical oral health knowledge.
- 3.Comprehensive clinical health care and management internship (practicum).
- 4.Professional courses regarding oral care for older adults and community-based oral care.

♥ Future Careers and Developmental Paths

Career options comprise the following six major fields:

- 1.Clinical dental hygiene: dental hygienist, oral health educator, consultant, dental nurse, supervisor, and dental assistant.
- 2.Oral health promotion and care: case management personnel for promoting oral health and providing oral care in units such as communities, schools, and disability and long-term care facilities.
- 3.Marketing and research in dental industries: Marketing and research personnel in industries including dental materials, biotechnology, and relevant instruments.
- 4.Healthcare management in dental institutions: Manager of businesses and information related to dental healthcare.
- 5.Oral healthcare policy making and implementation: Professionals for oral health policy making and specialists in planning, execution, and evaluation of healthcare programs in governmental health departments.
- 6.Oral health educator: Professional instructors at oral health departments of junior or technical colleges after acquiring a Master's degree.



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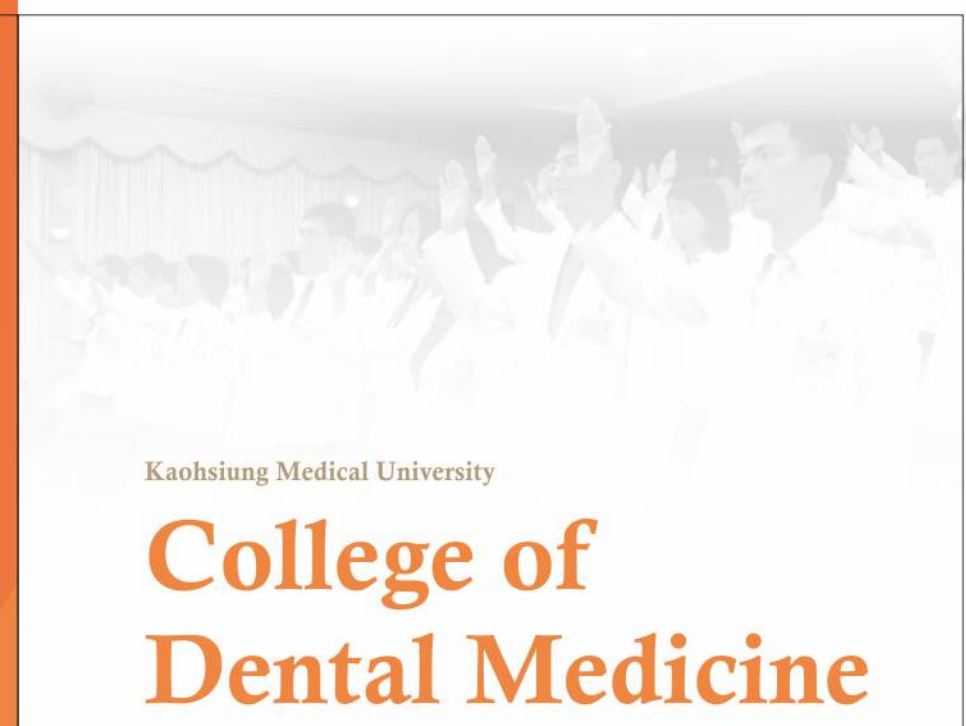
**College
of
Dental Medicine**

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

- **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)
- **Population**
Approx. 2.7 million
- **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects
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Tropical Climate
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Airline / High Speed Railway
Railway / MRT / Light Rail / Bus
- **Power**
110 volt AC



Kaohsiung Medical University

College of Dental Medicine

<http://cdm.kmu.edu.tw>

- ◆ **School of Dentistry**
(Bachelor / Master's / In-service Master's / Doctoral Degree)
- ◆ **Department of Oral Hygiene**
(Bachelor / Master's / In-service Master's Degree)



1 School of Dentistry

Bachelor / Master's / In-service Master's/ Doctoral Degree

Tel : +886-7-3121101#2156#21 | Fax : +886-7-3157024
E-mail : yilin@kmu.edu.tw | <http://dent.kmu.edu.tw>

Aims and Perspectives

School of Dentistry aims to cultivate and train innovative dental professionals with humanistic quality, noble characteristics and life-long learning commitment to serve our society and the world. It also fulfills the University's mission of teaching, research, service and devotion.



♥Features of Dept.

- The school has established academic ties with many famous Schools of Dentistry in North America and Asia and has held regular short-term exchange programs with the University of Pennsylvania in the United States.
- The school uses the advanced DentSim "Dental Interactive Simulation Training System" which provides immediate feedback to students during skills training before clinical practices. Students are educated and trained to have active learning and self-assessment skills as well as to enhance learning effectiveness.
- Students have organized the "Oral Health Promotion Services Team" to promote the oral health of residents and children in remote areas that lack of medical care. Through service learning, students learn to be more empathetic to others.



- The school provides Kavo's "Simulated Mannequins", which is made in Germany, for students to practice before clinical practices.
- The school has recruited professional dental specialists and introduced modern institute training programs for students.

♥Course Features

- The school aims to educate students as dental specialists, integrate theoretical, practical and clinical courses as well as emphasizes on medical ethics, arts, humanities and social services training.
- Clinical courses are divided into eight specialized disciplines and provide complete dental education and training.
- The courses are emphasized on general education, basic sciences, basic and clinical medicine and dentistry. The first and second year undergraduate courses consist of general courses, basic medicine and basic dentistry. Third, fourth and fifth year undergraduate courses focus on clinical medicine and clinical dentistry. Sixth year undergraduate students will be required to participate in internships in hospitals for the whole year.
- Modern dental curriculum in graduate training programs.



♥Future Careers and Developmental Paths

- Apply for jobs
 - 1.To become a dentist in group practice or establish one's own dental clinic.
 - 2.To work as a resident, visiting staff and specialist in the Dentistry Departments of various types of hospitals.
 - 3.To become a research professional or scientist specializing in dental medicine.
- Pursuing further studies
 - 1.To study the Master's program of dental medicine. In addition to basic research in each study group, students will also conduct clinical training.
 - 2.To become the teaching faculty in related departments after graduation with a Ph.D. degree.
 - 3.To work as a full time researcher at governmental agencies or research institutions.



2 Department of Oral Hygiene

Bachelor / Master's / In-service Master's Degree

Tel : +886-7-3121101 #2209#31 | Fax : +886-7-3157024
E-mail : ihcheng@kmu.edu.tw | <http://dhygiene.kmu.edu.tw>

Aims and Perspectives

In 2002, the Department of Oral Hygiene established the first four-year undergraduate program that focuses on instruction of oral health and preventive care in Taiwan. Core curricula of the Department include clinical dentistry and oral hygiene, oral care, oral health education, dental materials, healthcare management, and industry marketing. We anticipate our graduates to make prominent contribution to oral healthcare fields such as dental hospitals, dental industries, and relevant undertakings by governments, schools, or communities.

♥Features of Dept.

Programs based on three core competences, namely, clinical oral care, oral health promotion, and preventive oral healthcare, are available along with courses including clinical dentistry, oral hygiene, oral care, preventive care, health promotion, and marketing management. The objective is to train oral healthcare specialties that possess educational, communicative, and clinical care skills.

In the development of local community practice of oral healthcare, we pay special attention to the oral health of disadvantaged groups and people with long-term care or special care needs.

We provide students opportunities to visit or learn in academic institutes of oral hygiene in advanced countries including the United States, Japan, and South Korea. International academic and clinical exchanges are thus proliferated.





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College
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Pharmacy

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

• **Land Scope**
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Aims and Perspectives

The Graduate Institute of Natural Products (GINP) aims to educate and train excellent professionals in natural products research and biotechnology. It also hopes to improve students' quality and competencies in pharmaceutical services related to natural products and to pursue prominent academic achievements and leadership in biotechnology and pharmaceutical industries.

Natural products research and development is an important trend in medical science and is also one of the key projects developed by domestic pharmaceuticals and biotechnology industries. Since Dr. Tu Tsung-Ming, the first president of KMU, was devoted to the research of venom, opium and herbal medicines, KMU has always been the research center of natural products in Taiwan. To keep and carry forward this fine tradition and to educate and train professionals in natural products research, the first Graduate Institute of Natural Products in Taiwan was established in 1992 and the Ph.D. program of natural products was established in 2001. The Graduate Institute of Natural Products, providing students with best international learning and research environment, is the only institute that provides both Master's and Ph.D. programs in natural products in Taiwan.

♥Features of Dept.

Teaching

- 1) To lecture professional knowledge and skills relevant to natural products and to inspire students to think and research independently. Also, to train professional natural product researchers for our country.
- 2) To create an international academic research environment. By exchanging visits of international scholars, students are able to improve and expand their global perspectives.
- 3) To develop cooperation with industries so that what students learned in school would meet the needs of the biotechnology industries in Taiwan and to ensure students' competitiveness.

Research

- 1) The teaching faculty of GINP is outstanding and professional. Numerous academic researches have been conducted and funded with an average of over TWD 10 million by the Ministry of Science and Technology and other institutions each year. In the past 3 years, over 100 articles have been published in domestic and international academic journals.
- 2) The research interests of GINP include: A) Extraction and identification of chemical composition and active ingredients in natural products. B) Research of bioactivity of natural products, especially in regard to anticancer, antiviral, liver protection, free radical scavenging, phytoestrogens and the antithrombotic effect. C) Synthetic designs and researches of the derivatives from natural compounds. D) Application of transgenic plants. E) To combine genomics and proteomics for studying natural products. E) Modernization, scientification, and translation research of TCM.



3) GINP owns various types of research equipment and purchases precision and valuable instruments and machines funded by the government. The major equipment of the institute includes 400MHz NMR spectrometer, 200MHz NMR spectrometer, gas chromatography-mass spectrometry, elemental analyzer, high performance liquid chromatography, microwave reactor, inverted fluorescence microscope and image system, enzyme immunoassay analyzer, fluorescence/luminescence analyzer, platelet aggregometer, blood cell analyzer, PCR machine, real-time PCR, CO2 incubator, plant incubator and sterile console.

♥Course Features

The required and elective courses of the institute are all related to natural products research, such as Special Topics in the Development of Natural Products, Special Topics on Organic Chemistry, Special Topics on Instrumental Analysis, Special Topics on Pharmacological Evaluation of Natural Products, Special Topics on Pharmacognosy, Special Topics on Herbology, Special Topics on the Chemistry of Natural Products and Special Topics on the Design and Synthesis of Natural Bioactive Compounds. In recent years, the institute has placed much emphasis on biotechnology courses, such as Special Topics on the Biotechniques of Natural Products. These courses are designed to instruct students to follow the latest trends in natural products research.

♥Future Careers and Developmental Paths

Recently, many domestic pharmaceutical and biotechnology companies have started to invest in the development of natural products. There is an urgent and sustained demand for research and developmental personnel of advanced natural products. According to our survey, the employment rate of graduates of GINP is very high. Graduates all work in areas related to pharmaceutical industries as pharmacists, research and developmental personnel, quality control personnel or marketing sales of pharmaceutical and medical-related companies or teachers and researchers in academic institutions.



6

Ph.D. Program in Toxicology Master Degree Program in Toxicology

Tel : +886-7-3121101 ext.2651 | Fax : +886-7-3123364

E-mail : mina@kmu.edu.tw

Ph.D. Program in Toxicology: <http://tox.kmu.edu.tw/>

Master Degree Program in Toxicology: <http://mtox.kmu.edu.tw>

Aims and Perspectives

This program is established to meet the research and development needs of the key discipline of "Environmental Medicine" at KMU. With KMU's Research Center for Environmental Medicine, and toxicology laboratories that meet international standards and international collaboration with NCTR of US FDA, the program aims to educate and train students as toxicology professionals in industry, government and academia. The program emphasizes on regulatory toxicology and clinical toxicology. Regulatory toxicology focuses on drug abuse, the safety assessment of Taiwanese herbs and construction of toxicology databases to improve students' research capabilities in domestic drug and food safety and risk management.

The program has collaborated closely with the KMU Research Center for Environmental Medicine on clinical toxicology. The KMU Research Center for Environmental Medicine has three research groups including research on environment and gene factors, medical transition, molecular detection of environmental factors and diagnosis and disease prevention. Research topics include environmental toxicants, environmental hormones, heavy metals, betel nuts, air pollutants and nanomaterials. Graduate students of the program may join a research group based on their expertise and interests. Students graduated from this program will be awarded a Ph.D./ Master degree accredited by the Ministry of Education, Taiwan. Following the national policy, the program actively promotes the Toxicologist Certification Exam in Taiwan and educates and trains students as toxicology professionals.

♥Features of Dept.

- **Teaching:** The program aims to educate and train students as toxicology professionals with innovative thinking skills, a lifelong learning attitude, humanistic quality, ethics, interdisciplinary teamwork skills and a global perspective. Following the trends in the field, courses related to the Toxicologist Certification Exam are held in order to help students to obtain the Toxicologist Certification in Taiwan.
- **Research:** The research includes clinical toxicology, regulatory toxicology, computational toxicology, immunotoxicity, molecular toxicology and analytical toxicology. The program invites international scholars to visit KMU and develop academic exchanges to extend students' global perspective.
- **Teaching faculty:** Faculties of the program include outstanding teachers from various colleges of KMU. Please refer to the website of the Ph.D./Master Degree Program in Toxicology for detailed information.
- **Equipment:** There are various pricey precision instruments and machines in the toxicology laboratories that meet the international standards, including a liquid chromatograph tandem mass spectrometry (LC-MS-MS), inductively coupled plasma-mass spectrometry (ICP-MS), automated genome sequence



analysis system, high resolution gas chromatography mass spectrometry, LTQ Orbitrap XL, bioinformatics computing clusters, inverted and upright fluorescence microscope and image system, enzyme immunoassay analyzer, a PCR machine and equipment used in biology experiments.

♥Course Features

In coordination with the Toxicologist Certification Exam in Taiwan, courses of the program include systems toxicology, target organ toxicology and general toxicology integrated with the latest trends in toxicology studies and the exam content of the Toxicologist Certification. As an interdisciplinary science, the program also includes regulatory toxicology, application of animal toxicology, immunotoxicity, bioinformatics, genetic toxicology, computational toxicology, toxicology database design and clinical toxicology. Students could attend the courses according to their research interest. For Master Degree Program students, they may pursue a research career and deeper scientific knowledge and are encouraged to join the Ph.D. program in Toxicology.

♥Future Careers and Developmental Paths

In recent years, food and drug safety issues have become more and more serious. Toxicology professionals are urgently needed by government, industry and academia to get involved in chemical hazards identification, risk management and communication and material safety assessment and testing. Toxicology has become an indispensable and emerging discipline. Graduates could hold position as managers or research staff in pharmaceutical companies, biotech companies and academic institutions to conduct safety testing or research of toxicology and mechanisms of toxicity. The program prepares students for obtaining Toxicologist Certification, conducting research and management, and consulting on issues related to toxicology testing in industry, government and academia.



Kaohsiung Medical University

College of Pharmacy

<http://cpharmacy.kmu.edu.tw>

◆School of Pharmacy

(Bachelor / Master's / Master's Program in Clinical Pharmacy
In-service Master's / Doctoral Degree)

◆Department of Fragrance and Cosmetic Science

(Bachelor / Master's Degree)

◆Graduate Institute of Natural Products

(Master's / Doctoral Degree)

◆Master Degree Program in Toxicology & Ph.D. Program in Toxicology



KMU



1 School of Pharmacy

Bachelor

Tel : +886-7-3121101#2160 | Fax : +886-7-3210683

E-mail : hchunya@kmu.edu.tw | http://pharm.kmu.edu.tw

Aims and Perspectives

- To focus on medical ethics, and educate and train outstanding pharmaceutical professionals with humanistic quality and dedicated to social service.
- To actively develop knowledge in pharmaceutical care, clinical pharmacy education and services, natural products, synthesis of medicine, pharmaceutical analysis and manufacturing.
- To educate and train research and development personnel in the fields of biotechnology and health care products, Chinese herbal medicine, and pharmaceutical technology.
- To educate and train research and development personnel in the analysis of novel drug and controlled-release dosage forms.
- To educate and train professionals in social pharmacy, pharmaceutical administration, management and marketing.

♥Features of Dept.

- The School of Pharmacy was established as the first private academic institute in Taiwan in 1957.
- The credits and courses of the four-year undergraduate program are in accordance with the regulations of the Pharmacy Education Committee, the Pharmaceutical Society of Taiwan and the Examination Yuan, Republic of China. In order to practice clinical pharmaceutical services and gain practical experience with pharmaceutical companies, students are required to obtain 150 credits with an internship of 640 hours in hospital pharmacies, 320 hours in community pharmacies or pharmaceutical companies. After graduation, students are eligible to take the Pharmacist Examination and enter the job market.
- With continuous faculty recruitment and facility upgrades since its establishment, the School enjoys a well-earned reputation for research and development. It has achieved great academics performance and fruitful outcomes in various areas, including natural vitality and Chinese medicine formulas, pharmaceutical and toxicological analysis, drug synthesis, controlled-release dosage forms, and clinical pharmacy.
- The School educates and trains pharmaceutical professionals that provide pharmaceutical services and conduct pharmaceutical studies related to national health insurance with professional knowledge and ethics.
- The School reinforces the professional courses in clinical pharmacy to enhance pharmaceutical care in response to changes in the pharmacist practice environment.

♥Course Features

- The courses aim to provide theory and application of basic life science education and professional pharmaceutical education.
- Curriculum and course selection are designed to help students identify seven potential professional career directions:
 - 1.To become clinical pharmacists in hospitals.
 - 2.To work in pharmaceutical companies.

- 3.To conduct pharmaceutical marketing and management.
- 4.To become community pharmacists.
- 5.To work in Chinese herbal medicine and biotechnology companies.
- 6.To pursue academic career.
- 7.To work in cosmetics and cosmetology companies.

- Internship courses are designed in response to the implementation of the Separation of Dispensing from Prescribing. Undergraduates are required to select their internship courses during summer vacation including community pharmacies, pharmaceutical industries, research institutes and government agencies. Senior students will do the internship during the entire second semester and receive practical training in clinical pharmacies.

♥Future Careers and Developmental Paths

- Further education: advanced studies in pharmacy, pharmaceutical science, biotechnology and public health in Taiwan or overseas.
- To become pharmacists in hospital pharmacies, clinics, pharmacy chain stores, or community pharmacies.
- To work in pharmaceutical industries, pharmaceutical companies, and biotechnological companies as marketing, manufacturing, quality control and research and development personnel and academic pharmacists.
- To conduct academic studies and teaching in universities and research institutes.
- Pharmacists who pass the Pharmacists of Higher Examination are qualified to work in public hospitals or pharmaceutical government agencies, such as the Ministry of Health and Welfare. The School of Pharmacy offers a promising versatile career path with various opportunities for students.



2 School of Pharmacy

Master's Program

In-service Master's Program and Ph.D. Program

Tel : +886-7-3121101#2160 | Fax : +886-7-3210683

E-mail : hchunya@kmu.edu.tw | http://pharm.kmu.edu.tw

Aims and Perspectives

The aims include (1) to strengthen the pharmaceutical professionals, (2) to realize knowledge-action integration, (3) to promote industry-academic collaborations and (4) to incubate talented leaders of research and development. Our graduate institute has sufficient professional faculty and instruments for research, including pharmaceuticals, pharmaceutical analysis, pharmacokinetics, natural products, pharmacognosy, medicinal chemistry, pharmacology and toxicology, pharmacoepidemiology, pharmaceutical care and pharmacoeconomics. In addition to the basic professional trainings, we focus on strengthening

the abilities for interdisciplinary communication and knowledge integration. Our graduate institute follows the policies that the government authorities aim to shape Taiwan as the leading country of biomedical industry in the Asia-Pacific region. Therefore, we emphasize on the realization of knowledge-action integration and the promotion of industry-academic collaborations.

Our graduate institute encourages students to build up a global vision via attending oversea internship programs and dual degree programs. Overall, the goal of the graduate institute is to incubate talented leaders of research and development in the fields of pharmacy and biomedicine, and to enhance the health and welfare of people in Taiwan and around the world.

♥Features of Dept.

The school offers Master's and Ph.D. programs and is the most advanced pharmaceutical research institute in Southern Taiwan. It has also accomplished fruitful achievements in pharmaceutical sciences, such as pharmaceutical analysis, drug synthesis and new formulation and delivery system design. The research results of the school have contributed to outstanding accomplishments and have great development and potential. The school is funded with an average of over ten million dollars by the National Science Council, Ministry of Health and Welfare, other institutions or pharmaceutical companies each year. Pharmacy education has become one of the key points of health sciences education in Taiwan. The School of Pharmacy has been established to provide the most advanced and comprehensive pharmaceutical services, educate and train outstanding pharmaceutical teaching professionals, research, biotechnology and Chinese herbal medicine development and provide pharmaceutical services and conduct pharmaceutical research related to public health care with knowledge and a solid ethical foundation.

♥Course Features

Graduate students of the Master's/In-service Master's/ Ph.D. program could attend relevant courses taught by professors of the school. Through lectures, discussions, seminars, special lectures and advisor's guidance, students will reach the goal of professional learning. For students of the Master's and the In-service Master's program, 26 credits are required and additional 6 for graduation thesis. For students of the Ph.D. program, 18 credits are required and additional 12 for graduation thesis.

♥Future Careers and Developmental Paths

To become researchers in academic research institutes and research and development personnel in the Chinese herbal medicine field, pharmacists in hospital pharmacies, clinical pharmacists, pharmacists in community pharmacies, pharmaceutical administrative staff, pharmacists of pharmaceutical companies (including academic department, research and development department and quality control department), managers of pharmaceutical companies, pharmaceutical marketing sales and Chinese medicine sales managers.



3 School of Pharmacy

Master's Program in Clinical Pharmacy

Tel : +886-7-3121101#2160 | Fax : +886-7-3210683

E-mail : hchunya@kmu.edu.tw | http://pharm.kmu.edu.tw

Aims and Perspectives

By coordinating with the developments and perspectives of pharmaceutical education nowadays, students of School of Pharmacy are able to obtain a pharmacist license after graduating with a bachelor's degree. To fulfill students' needs for learning and training in clinical pharmacy and in order to educate and train more professional clinical pharmacists to provide clinical pharmacy services, the Master's Program in Clinical Pharmacy of KMU was established in 2004, and integrated with School of Pharmacy in Aug, 2013. The program emphasizes on the professional training of students which enables them to work in clinical pharmacy in the future.

Because of the expansion of pharmaceutical sciences and changes in pharmacy education, developments in clinical pharmacy and the role and function of pharmacists have become more diversified. The development goals of the program are based on "Improving students' professional competencies in clinical pharmacy" and "Educating and training students as teachers and researchers in the field of clinical pharmacy" which response to the changes in the current and future medical environment and needs of the society.

♥Features of Dept.

1. Improving students' professional competencies in clinical pharmacy
The program could improve students' professional competencies in clinical pharmacy with its emphasis on pharmaceutical care. Apart from dispensing medications and providing drug information, the role of pharmacists has become more diversified. The results of drug treatments have become one of the key indicators of patients' treatment outcomes. Therefore, the program has been developed for pharmacists' continuing education, including enhancing pharmacists' professional knowledge in clinical pharmacy and communication skills as well as promoting and developing various and sustained clinical pharmacy services.
- 2.Educating and training students as teachers and researchers in clinical pharmacy
Clinical pharmacy research has contributed to the medical research of various medical teams, such as research related to clinical pathways, pharmacoeconomics, drug use evaluations, preclinical drug testing and clinical trials. These research projects are conducted with the goal of providing safe, reasonable, high quality and cost-effective drug treatments. Therefore, research design, implementation and evaluation are the teaching focuses of the Master's program. By teaching various types of professional knowledge and conducting practical trainings, the Master's program will implement the teaching policy of School of Pharmacy and try to increase students' internship hours.

♥Course Features

The teaching objectives of the Master's program reflect on teaching and learning activities. Course design and content are based on clinical pharmacy and related

fields and emphasize on therapeutics, clinical pharmacy research methods and clinical pharmacy practices to develop the goals of the Master's program. The program aims to educate and train students with integrated knowledge and professional skills. Teaching methods include lectures, invited speeches, panel discussions, presentations and practical trainings. Foreign scholars are also invited to teach via a collaborative teaching program.

♥Future Careers and Developmental Paths

Future careers and developments of graduates of the Master's program are focused on clinical pharmaceutical care and pharmaceutical research and development:

- 1.To become a pharmacists/clinical pharmacists in hospitals, community pharmacies and clinics.
- 2.To work in pharmaceutical companies as academic pharmacists, contract research organizations as clinical research associates (CRA), health departments or biotech companies to coordinate with industrial developments and to meet the needs of administrative units involved in pharmaceutical affairs.
3. To teach, conduct research or pursue further studies.

4 Department of Fragrance and Cosmetic Science

Bachelor / Master's Degree

Tel : +886-7-3121101 ext.2649 | Fax : +886-7-3210683

E-mail : cassyhshu@kmu.edu.tw | http://cosmetics.kmu.edu.tw

Aims and Perspectives

The Department of Fragrance and Cosmetic Science is affiliated with College of Pharmacy and the lectures of the department are based on the knowledge of basic medicine, clinical medicine, pharmacy, chemistry, material science, cosmetic science, aesthetics, and marketing management.

The department includes both bachelor's and master's programs, and provides students with professional faculty and resources. All the graduates are expected to be highly competitive in the marketplace and the industry of cosmetics.

4-year Bachelor's Program

The program began in 2003, which aims to educate students to have abundant knowledge, good skills, and innovative ideas concerning fragrance and cosmetic science in different parts, including research, manufacturing and marketing.

2-year Master's Program

The program began in 2007, which aims to educate students to have good capabilities and insight into the development and the trend of fragrance and cosmetic science in different parts, including research, manufacture and marketing.

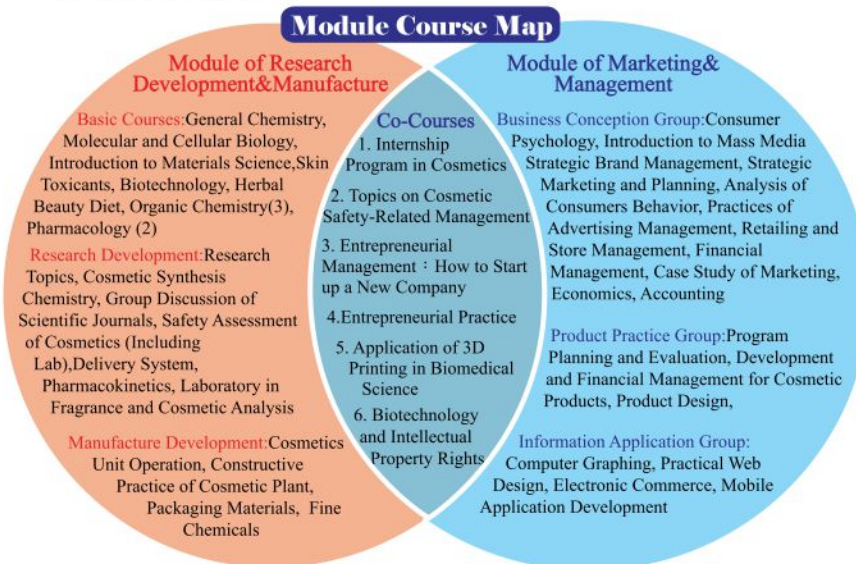


♥Features of Dept.



♥Course Features

The core courses focus on both theoretical and practical subjects for the students to have better competence in their various careers. There are two course modules, namely "Research Development and Manufacture" and "Marketing Management".



♥Future Careers and Developmental Paths

Graduates can choose to devote themselves to industrial, marketing, research and teaching fields. The professions include R & D engineer, marketing executive, medical cosmetologist, business representative, trainer, product sale, project manager, research assistant, aromatherapist, and stylist related to the field of fragrance and cosmetics.

5 Graduate Institute of Natural Products

Master's / Doctoral Degree

Tel : +886-7-3121101 #2685 | Fax : +886-7-3114773

E-mail : nphs@kmu.edu.tw | https://nphs.kmu.edu.tw/index.php/en-GB/

Kaohsiung Medical University College of Pharmacy

♥ Course Features

The course planning of the program is based on the four main directions:

- To integrate multidisciplinary professionals to provide aging, holistic, and continuity of care and services.
- To emphasize the importance of health promotion in aging and long-term care.
- To educate and train the students to become leaders and managers in the aging and long-term care industry.
- To build analytical skills and research potentials of the students in aging and long-term care.

The program requires 30 credits for graduation, including 14 required course credits and 16 elective course credits. The required course credits include 8 course credits and 6 credits for the Master's thesis. We design and divide our courses into 2 modules include "Academic" and "Practical", students can choose either module to meet their interest and career planning.

♥ Future Careers and Developmental Paths

The program is established to meet the needs of the society. Graduates have various job opportunities in diverse areas in the near future:

- To serve as registered nurses, social workers, physical therapists, occupational therapists, care managers and care management supervisors of long-term care in aging industry (such as long-term care facilities, foundations focusing on the development of long-term care, community development associations, social welfare and health care departments, governmental long-term care service management centers, etc.).
- To become managers of long-term care facilities (such as residential care homes, senior care centers, nursing homes, etc.).
- To become researchers and conduct research on the issues of long-term care in aging.
- To pursue further doctoral education and become academic educators/researchers in the area of long-term care in aging.



KMU

Kaohsiung Medical University

<https://www.kmu.edu.tw/>

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100, Shih-Chuan 1st Road, Kaohsiung, 80708, Taiwan.

service@kmu.edu.tw



**KMU
Admission
Website**



**Online
Application
Website**



**College
of
Nursing**

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

• **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)

• **Population**
Approx. 2.7 million

• **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects

• **Climate**
Tropical Climate

• **Public Transportation**
Airline / High Speed Railway
Railway / MRT / Light Rail / Bus

• **Power**
110 volt AC



Kaohsiung Medical University

College of Nursing

<https://conursing.kmu.edu.tw/>

◆ **School of Nursing**
(Bachelor / Master's / Doctoral Degree)

◆ **Master's Program of Long-Term Care in Aging**



1 School of Nursing

Bachelor / Master's / Doctoral Degree

Tel : +886-7-3121101#2167、2168 | Fax : +886-7-3218364
E-mail : ponyyen@kmu.edu.tw、guester@kmu.edu.tw
<https://fonursing.kmu.edu.tw/>

Program Objectives

● Baccalaureate Program

The aim of the baccalaureate program is to prepare students to be primary nursing professionals with the capacity of health care.

The curriculum has been structured to prepare graduates to:

1. Apply nursing knowledge to individual health care.
2. Have a good command of clinical nursing skills.
3. Apply critical thinking to individual health care.
4. Communicate, coordinate and cooperate well with other health care providers.
5. Care for the society.
6. Encompass ethics in health care planning.
7. Take full responsibility for their nursing practice.
8. Have passion for nursing, and keep pursuing self-growth.



● Master's Program

The aim of the master's program is to prepare students to be advanced nursing professionals that are competent in health care.

The curriculum has been structured to prepare graduates to do:

1. Integrate advanced clinical skills to improve health care quality.
2. Apply evidence-based research findings and logical thinking to improve clinical practice.
3. Persist in pursuing personal and professional development.
4. Provide holistic health care with cultural sensitivity.

● Doctoral Program

The aim of the doctoral program is to prepare students to be leaders with global view and capacity to expand nursing knowledge in health care.

The curriculum is designed to prepare graduates to:

1. Construct nursing knowledge through research and theory development.
2. Analyze and comment on professional issues and trends to improve personal growth and nursing professional development.
3. Integrate theory, research and practice to influence the constitution and betterment of health policies.
4. Participate in international academic exchanges actively to broaden international perspectives and visibility.

♥ Teaching Features

1. Comprehensive range of nursing programs

The School offers nursing programs at baccalaureate, master's and doctoral levels to prepare students to be primary, advanced and lead nursing professionals.

2. Substantial learning resources

The School is equipped with specialized classrooms such as the Demolab for Nutriology, Teaching Center for Basic Clinical Skills, Self-learning Computer Center and Demolab for Traditional Chinese Medicine Nursing. Students could also use state-of-the-art facilities and receive clinical training at KMU Chung-Ho Memorial Hospital, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung Municipal Ta-Tung Hospital and Kaohsiung Municipal Ci-Jin Hospital.

3. Diverse teaching methods

Our teachers apply Objective Structured Clinical Examination (OSCE), Problem-Based Learning (PBL), Concept Mapping and Massive Open Online Course (MOOCs) in classroom teaching, and create a quality interactive learning environment that fosters teamwork, problem solving, critical thinking and self-learning ability.

4. Active international academic exchanges

The School has established academic ties with ten sister schools, and regularly organizes exchange programs and visiting activities with schools, which include the University of Arkansas for Medical Sciences College of Nursing, University of Georgia, Indiana University, University of North Carolina at Chapel Hill, University of Texas Health Science Center at Houston, University of Michigan, University of Hong Kong, St. Luke's College of Nursing, Kyushu University and Shinshu University. We offer study abroad courses in each academic program, such as Overseas Nursing Study in the baccalaureate, Cross-cultural Study in the master's, and Independent Studies in the doctoral level. In addition, we periodically invite internationally renowned scholars and experts to give lectures and speeches to expand students' international perspectives.

5. Thorough combination of theory and clinical practice

Our teachers not only teach in the classroom, but also serve as instructors of clinical practice to achieve the goal of emphasizing both theory and practice and to align clinical practice with our curriculum.

6. Joint appointments in industry and academia

Several registered nurses with master's degree at KMU Chung-Ho Memorial Hospital are appointed as teachers of the School while some of our teachers are appointed as nursing supervisors at the Hospital, which promotes industry-academy cooperation plan and the combination of theory and practice.

7. Curriculum meets societal needs

The School offers professional courses to foster comprehensive students' competence. Besides, the curriculum includes Traditional Chinese Medicine in Nursing (approved by the Taiwan Traditional Chinese Medicine Nurses Association) and Long-Term Care in Aging course, which meets societal needs.

8. Enhance students' preparation for employment

The School offers an elective course, Comprehensive Clinical Nursing Practice (III), which provides an opportunity for students to complete a comprehensive clinical practice before graduation and to enhance their competitiveness. The School also offers after-school tutorial sessions and an online test question pool to assist students in preparing for the national examination.

♥ Future Careers and Developmental Paths

Staff nurse, case manager, nurse practitioner, community health nurse, nurse educator, nurse administrator, clinical nurse specialist, researcher, nursing teacher, government official, entrepreneur, and so on.



2 Master's Program of Long-Term Care in Aging

Tel : +886-7-3121101#2636 | Fax : +886-7-3218364

E-mail : ibsjoy@kmu.edu.tw | <https://ltc.kmu.edu.tw/>

Aims and Perspectives

Kaohsiung Medical University, the first private medical university in Taiwan, was established in 1954. Based on the professional training and social caring cultivation, students of KMU are expected to maintain and improve the holistic health of the vulnerable populations, such as the older adults. The mission of the Master's Program of Long-Term Care in Aging is to educate and cultivate students with a professional demeanor and humanitarian quality in order to meet the long-term care needs of the aged populations.

♥ Features of Dept.

- To integrate multidisciplinary courses that cover the concepts of aging, holistic, and continuity of care.
- To educate and train students with the abilities to plan and implement diverse and therapeutic health promotion intervention programs in aging and long-term care.
- To educate and train students to become leaders in the aging and long-term care industry with business management courses.
- To encourage and build students' innovative thinking and research potentials in aging and long-term care.





KMU

Kaohsiung Medical University

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service@kmu.edu.tw



KMU
Admission
Website



Online
Application
Website



College
of
Health Sciences

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

• **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)

• **Population**
Approx. 2.7 million

• **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects

• **Climate**
Tropical Climate

• **Public Transportation**
Airline / High Speed Railway
Railway / MRT / Light Rail / Bus

• **Power**
110 volt AC



♥Future Careers and Developmental Paths

- To work as occupational therapists in all levels of domestic and foreign medical institutions.
- To work in schools (including general and special education schools).
- To work in long term care facilities or other related social welfare organizations.
- To start ones' own business, such as establishing occupational therapy clinics.
- To work in assistive technology industry.
- To serve as government civil servants.
- To pursue further studies in Taiwan or abroad.
- To teach or conduct research in domestic or foreign universities and research centers.



5 Department of Physical Therapy

Bachelor / Master's Degree

Tel : +886-7-3121101#2210 | Fax : +886-7-3215845
E-mail : pt@kmu.edu.tw | <http://pt.kmu.edu.tw>

Aims and Perspectives

Department of Physical Therapy in Kaohsiung Medical University (KMU-PT) was first founded in 1988 as Division of Physical Therapy, School of Rehabilitation Medicine. In 2002, it was renamed as Department of Physical Therapy. The Master's program of the department was launched in 2014.

The KMU-PT emphasizes on the teaching of "Attitude, Skill and Knowledge" that coordinates with the perspective of "Teaching Excellence, Innovative Research, Quality Humanism and Social Caring" of KMU. The department also aims to educate and train students as professional physiotherapists with good working attitude, communication skills, teamwork skills, problem-solving skills, professional knowledge as well as humanistic quality and to conduct academic research in physical therapy.

♥Features of Dept.

The KMU-PT consists of 10 full-time faculty members with comprehensive specialties, including neurological, orthopedic, cardiopulmonary, and pediatric

physical therapy. The undergraduate program includes lectures, hands-on laboratory classes and clinical studies, problem-based learning, e-learning, and objective structured clinical examination (OSCE). The design of the program follows the educational guideline of the Taiwan Physical Therapy Association and the World Confederation for Physical Therapy (WCPT), and encompasses five components forming the profession of physical therapy: foundational and clinical sciences (anatomy and physiology, movement sciences), tests and measures (examination and evaluation), interventions (documentation, therapeutic procedures), professional responsibility (administration, ethics), and patient management (clinical decision making and reasoning). The final year of the program is wholly dedicated to clinical education. Students are required to complete internships (36 weeks at least) in a variety of practice settings including orthopedics, pediatrics, neurological, cardiac/pulmonary, and bed-side cares.

♥Course Features

- Complete curriculum plans that coordinate with KMU's development goals
- An ideal teacher-student ratio
- Diverse elective courses that inspire students' interests in sub professional or other areas
- E-learning environment that facilitates learning
- Complete teacher evaluation and reward system
- Multiple teaching strategies, such as problem-based learning (PBL) and objective structured clinical examination (OSCE)
- International collaborative teaching and interaction

♥Future Careers and Developmental Paths

- Graduates of the KMU-PT can work in fields of clinical neurology, orthopedics, cardiopulmonary physical therapy or pediatric physical therapy after passing the national license exams. Graduates can also work in various places, such as general hospitals, rehabilitation clinics, physical therapy clinics, assistive technology resources centers, institutions of early intervention for children, nursing homes, long term care facilities, schools, civil associations, home care units, government administrative units, professional sport teams, beauty centers, etc.
- Graduates can also take more courses and receive continuing education and become sports injury specialists or prosthetic technicians after passing national certificate exams.
- Graduates can legally establish physical therapy clinics after two-year clinical practice.
- In addition to working in clinical physical therapy, graduates can also pursue further studies abroad or in Taiwan with various fields, including professional physical therapy, assistive technology, biomedical engineering, etc.



6 Department of Healthcare Administration and Medical Informatics

Bachelor / Master's Degree

Tel : +886-7-3121101#2648 | Fax : +886-7-3137487
E-mail : hami@kmu.edu.tw | <https://hami.kmu.edu.tw>

Aims and Perspectives

To integrate Healthcare administration with medical information is a new interdisciplinary science. By facing the demographic transition of an aging society and low birth rate, modern computing technology, which has developed rapidly, can collect and process medical and health related information and effectively solve the problems of patient care, clinical research, medical administration, medical education and the elderly's long term care. The science could also help to improve the quality of health care, establish effective health policies and promote the quality of life in order to extend the life of humans.

♥Features of Dept.

The core field of this study is to affiliate informational technology with organization management and health care system, and finally to strengthen each functional systems in healthcare services. With the academic research capacity and professionalism of the department and the resources of KMU Chung-Ho memorial hospital, Kaohsiung Municipal Hsiao-Kang Hospital and Kaohsiung Municipal Ta-Tung Hospital, the department is able to cooperate with industries in health care, apply theories to practice and display the value on health care administration and medical informatics.

♥Course Features

- To enhance students' practical skills, professional computer labs are established for students to practice, such as health care administration simulation lab, health care information network lab and decision support lab. These labs could help students to improve their learning capability efficiently.
- Medical information management is widely applied. Various related skills are also required. On the purpose to educate and train students to have a solid

foundation of practical skills and conduct further research and applications, the courses are divided into three domains: health care administration, information technology and e-commerce technology.

- Through solid theoretical and practical training, graduates will be able to work immediately in the health care industry to enhance information capacity and the administrative efficiency of health care institutions. Furthermore, graduates can also work in the field of clinical information, medical research, decision analysis and health care services, also to follow trends in technology and participate in the research and development of telemedicine information systems and health care administration modeling.

♥Future Careers and Developmental Paths

1. Work in the health care industry in Taiwan, assist institutions in establishing integrated medical information and application system to improve management capabilities and information capacity of the institutions.
2. Be a computer and information system manager in health care and biotechnology industry.
3. Provide necessary health care management and medical information services that coordinate with the employee training plans of the KMU healthcare system.
4. Improve competitiveness in the workplace by obtaining relevant licenses, such as the manager license, advanced medical manager license, health information manager license, Health Information Analyst license, medical record manager license, disease classification specialist license, disease classification staff license, project manager license and other information technology-related licenses.
5. Enter graduate schools for advanced studies which related to medical information, medical administration, information management, information engineering, medical engineering, public health, and health policy.



Kaohsiung Medical University

College of Health Sciences

<http://chealth.kmu.edu.tw>

◆ **Department of Public Health**
(Bachelor / Master's / Doctoral Degree)

◆ **Department of Medical Laboratory Science and Biotechnology**
(Bachelor / Master's / Doctoral Degree)

◆ **Department of Medical Imaging and Radiological Sciences**
(Bachelor / Master's / In-service Master's Degree)

◆ **Department of Occupational Therapy**
(Bachelor / Master's / In-service Master's Degree)

◆ **Department of Physical Therapy**
(Bachelor / Master's Degree)

◆ **Department of Healthcare Administration and Medical Informatics**
(Bachelor / Master's / In-service Master's Degree)



1 Department of Public Health

Bachelor / Master's / Doctoral Degree

Tel : +886-7-3121101#2141 | Fax : +886-7-3110811
E-mail : ph@kmu.edu.tw | <https://ph.kmu.edu.tw/index.php>

Aims and Perspectives

The undergraduate programs include epidemiology, biomedical statistics, environmental health, industrial hygiene, and hospital administration. The objective of the curriculum is to offer graduating seniors an academically sound and practical background in public health. Kaohsiung Medical University and its affiliated hospitals provide a sound environment in nurturing experts to deal with complex problems of public health, while furthering their academic research. In the summer of the senior year, students are mainly involved in field practice at communities, health agencies and factories. To upgrade the quality of research and education, a Master's program and a Doctoral program of public health have been established since 1990. Courses combining theories and practices could help students to solve public health problems and contribute to the society. The department will continue to develop public health theories and apply them to practice in order to educate and train students as professionals with knowledge and skills for health management.

♥Features of Dept.

The scope of our researches and developments includes investigation on risk assessment from outdoor concentrations of air pollutants, tobacco hazards prevention, gene and environmental interaction effects on cancer, respiratory diseases and metabolic diseases, biological monitoring of exposure to metals in optoelectronic or lead workers, exposure assessment of infectious bioaerosol by molecular biological techniques, and health policy and program evaluation. We offer a cooperative course "Special Topics in Occupational Health and Safety Practice" with Harvard University since 2005, which has been participated by research students from both universities. The ultimate goal is to contribute to the health and quality of life by providing well trained professionals in fields of health administration, education and research.

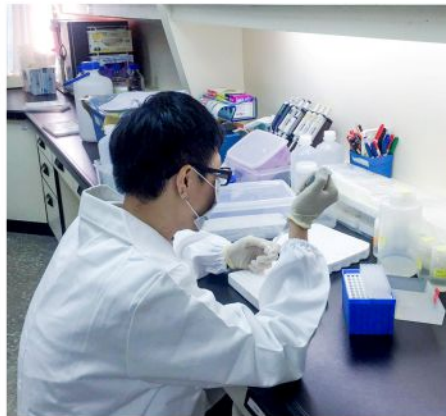


♥Course Features

- 1.The baccalaureate courses include professional knowledge and skills related to epidemiology, biostatistics, prevention of infectious diseases, environmental and industrial health, hospital management and health administration, etc.
- 2.The courses for the Master's program of public health offer research training in epidemiology (control of diseases), biostatistics, environmental and occupational health, and risk assessment for environmental issues.
- 3.The courses for Doctoral program of public health provide solid research training in environmental and occupational health, epidemiology, health administration and health related issues.
- 4.These programs aim at training students at all levels in an environment which is conducive to research, free inquiry and personal responsibility for enhancing public health and medical services.

♥Future Careers and Developmental Paths

- 1.Attend programs in domestic or foreign graduate schools related to public health, environmental medicine, hospital management, health administration, industrial health, epidemiology, biostatistics, etc.
- 2.Work in industrial health services, health administration, hospital management, health insurance, environmental management and environmental health services sectors in Taiwan or abroad.



2 Department of Medical Laboratory Science and Biotechnology

Bachelor / Master's / Doctoral Degree

Tel : +886-7-3121101#2199 | Fax : +886-7-3113449
E-mail : mt@kmu.edu.tw | <http://mlsb.kmu.edu.tw>

Aims and Perspectives

The department aims to provide medical laboratory science and biotechnology education, research and services, to train students as professionals in medical laboratory science and biotechnology with humanistic qualities and medical care, and to be competent in basic research and clinical services. The department is dedicated to educate and train students as professionals in medical laboratory science and biotechnology industries by teaching professional knowledge and skills, question oriented learning, and clinical practices in hospitals. In addition, to cultivate research and development professionals in academic and industrial fields are also the intention of the department. Moreover, the department

will continue to work on outstanding teaching, innovative research and advanced services in the future for the rapid globalization era and set the trend for domestic medicine industry.

♥Features of Dept.

- 1.Educate and train the professionals in biomedical laboratory science and biotechnology fields.
- 2.Focus on research and developments in biomedical laboratory technology and applications in biomedicine.
- 3.Promote the development of biotechnology based on both clinical laboratory science and basic science.
- 4.Clinical practice internships are required for the senior students to combine the basic theories with clinical applications.
- 5.Teachers have developed positive relationship with students. Two student counselors are assigned for each grade to help students solve problems in their life and the studies.



♥Course Features

The department aims to promote the development of medical technology and sciences, educate and train students as biomedical technology professionals in clinical, academic, and industrial fields. The teaching objectives focus on both clinical laboratory science and basic science, and to promote the development of biomedical laboratory technology. Course characteristics include molecular biology, biochemistry, hematology, microbiology, immunology, biomedical analysis, and toxicology. The courses also emphasize on clinical teaching and to combine basic theories with clinical practice. In addition, the department also provides courses on medical laboratory sciences and biotechnology for students in order to strengthen their competitiveness.



♥Future Careers and Developmental Paths

- 1.Students are required to take four-year courses and then graduate with a Bachelor degree of Science. Graduates can apply for the medical laboratory scientist qualification exam and work in fields of medical laboratory science, food and drug testing, forensic science and



- toxicology testing, health and environmental testing, biotechnology, biomedicines, chemical analysis, and medical testing equipment.
- 2.Graduates can also pursue further studies in domestic or foreign graduate schools related to medical laboratory science, biological science and technology, basic medical sciences, medical engineering, analytical sciences, biotechnology, life sciences, molecular biology, bioinformatics and etc.

3 Department of Medical Imaging and Radiological Sciences

Bachelor / Master's / In-service Master's Degree

Tel : +886-7-3121101#2250 | Fax : +886-7-3113449
E-mail : mrt@kmu.edu.tw | <http://mrt.kmu.edu.tw>

Aims and Perspectives

The Department of Medical Imaging and Radiological Sciences is originated from the Division of Radiological Technology, School of Technology for Medical Sciences and was founded in August 2002. The department aims to educate and train students as radiology professionals for hospitals in Taiwan. In order to improve research in radiologic technology and educate advanced medical imaging technologists, the department has established a Master's Program in 2004 and an In-service Master's Program in 2013.

♥Features of Dept.

- 1.The department has established a dental radiography program in 2016 to improve students' skills of dental radiography.
- 2.The department provides opportunities of overseas clinical placement, and holds international collaborative teaching activities annually to expand students' international vision.

♥Course Features

The undergraduate courses emphasize on medical imaging, radiation applications, medical physics and medical applications of isotopes. The undergraduate courses for freshmen are based on basic sciences including English, general courses, physics, chemistry, calculus and general biology. The sophomore courses focus on basic radiology including radiation physics, radiation chemistry, radiation biology and medical electronic circuits, as well as basic medicine including anatomy, pathology, biostatistics and physiology. Computer programming is also included in sophomore courses. The junior courses emphasize on professional radiologic technology including



diagnostic radiology techniques, medical image computing, magnetic resonance imaging, ultrasonography, radiotherapy techniques, nuclear medicine technology, radiopharmaceuticals, diagnostic imaging equipment, radiation therapy equipment, mold manufacturing and radiation treatment planning. Clinical courses such as radiology and introductions to clinical medicine are also included in the junior courses.

The senior courses are mainly practical courses in hospitals. Students could obtain clinical skills and knowledge from qualified clinical training in medical radiology.

♥Future Careers and Developmental Paths

Students that graduate with a degree of Bachelor of Science could apply for national licensing exams. By obtaining related licenses (Radiological Technologist), students are able to work in medical institutions, research and development units of medical science and technology and medical device companies. Graduates can also study for the Master's program in the Department of Medical Imaging and Radiological Sciences, KMU or pursue further studies in radiologic technology, medical engineering, nuclear science and radiation biology in domestic or foreign graduate schools.



4 Department of Occupational Therapy

Bachelor / Master's / In-service Master's Degree

Tel : +886-7-3121101#2119 | Fax : +886-7-3215845
E-mail : ot@kmu.edu.tw | <http://ot.kmu.edu.tw>

Aims and Perspectives

The Department of Occupational Therapy was originated from the Division of Occupational Therapy, School of Rehabilitation Medicine in 1989. The Division of Occupational Therapy was renamed as the Department of Occupational Therapy in 2002 and launched a Master's

program in 2008 and an In-service Master's program in 2012. Based on the respect for the essence of life and in response to medical and social needs, the department emphasizes on educating and training students to be excellent and professional occupational therapists that provide occupational therapy services for medical, educational and social welfare organizations and improve the quality of life of people with disabilities and the quality of medical services. The department also aims to educate and train students to be occupational therapists with care for humanity, with ability on critical thinking, and self-learning, and with emphasis on both professional knowledge and clinical skills.

♥Features of Dept.

The department is a practice-oriented department with a complete and young teaching staff structure. It is a dynamic, inclusive, forward-looking and innovative academic home. The department contributes to the advancement of knowledge through research and evidence-based practice.



♥Course Features

- 1.The courses have been designed from diverse aspects and with foresight to coordinate with students' professional development and the needs of the society.
- 2.The course content follows global trends and has been approved by the World Federation of Occupational Therapists (WFOT) in 1994.
- 3.The courses consist of humanistic qualities and professionalism. Internship programs are well suited to meet students' needs. The department emphasizes on both theories and practices.
- 4.By effectively using an internet teaching platform and multimedia devices, teachers can enhance teaching effectiveness via E-learning and improve students' learning efficiency and interest.

♥Features of Dept.

The courses of the department emphasize on training students' reading skills of professional journals and enabling students to elaborate and express knowledge as well as offering students practical experiences. Students are also encouraged to participate in laboratory research at the university or to seek short term internships in industry, government or academic institutions during summer and winter breaks. Students could learn professional knowledge and skills in courses and also be inspired by the positive attitude, enthusiasm and passion of instructors.

♥Course Features

Besides required courses, there are two specialist programs, "Biomedical Program" and "Environmental Biology Program" at the Department of Biomedical Science and Environmental Biology. The "Biomedical Program" emphasizes on fundamental biology with integration of biotechnology and developments in biomedicine. The Biomedical Program also cooperates with other departments and KMU Hospital to educate and train students as researchers in basic medical sciences. Using bioinformatics, genomics and molecular biology techniques, the "Environmental Biology Program" emphasizes on simulating the relationship between biology and environment. Through exploring solutions for ecological and environmental dilemmas in Taiwan, students would understand better for the importance of ecological conservation.

♥Future Careers and Developmental Paths

Future careers and developments of the department

- 1.To educate and train students as professionals of biomedical science and environmental biology.
- 2.To promote the applications and developments of biological sciences, such as translational medicine, biodiversity and the applications of environmental sciences.
- 3.To promote cooperation between the Department of Biomedical Science and Environmental Biology and other departments as well as KMU Chung-Ho memorial hospital in order to apply academic research to practical applications.
- 4.To promote cooperation between the Department of Biomedical Science and Environmental Biology and other areas of environment and ecology academic institutions in order to apply academic research to practical applications.
- 5.To enhance cooperation and exchange with domestic and foreign biological and medical research institutions.

Future careers and development paths of graduates

Pursue further studies

- 1.Continue study in graduate institutes: domestic or foreign institutes associated with biology.
- 2.Attend the School of Post-Baccalaureate Medicine and School of Post-Baccalaureate Chinese Medicine.

Apply for jobs

- 1.Biotechnology R&D personnel.
- 2.Bioprocess developers.
- 3.Genetic engineering personnel.
- 4.Drug development project managers.
- 5.Drug developers.
- 6.Environmental monitoring personnel.
- 7.Environmental protection personnel.
- 8.Researchers of life sciences.
- 9.Apply for civil service exams related to biology.
- 10.Work as a teacher at a senior high, junior high or elementary school after obtaining the teacher qualification.



KMU

Kaohsiung Medical University

<https://www.kmu.edu.tw/>

TEL 886-7-312-1101~9 | FAX 886-7-321-2062

100, Shih-Chuan 1st Road, Kaohsiung, 80708, Taiwan.

service@kmu.edu.tw



KMU
Admission
Website



Online
Application
Website



College
of
Life Sciences

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

• **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)

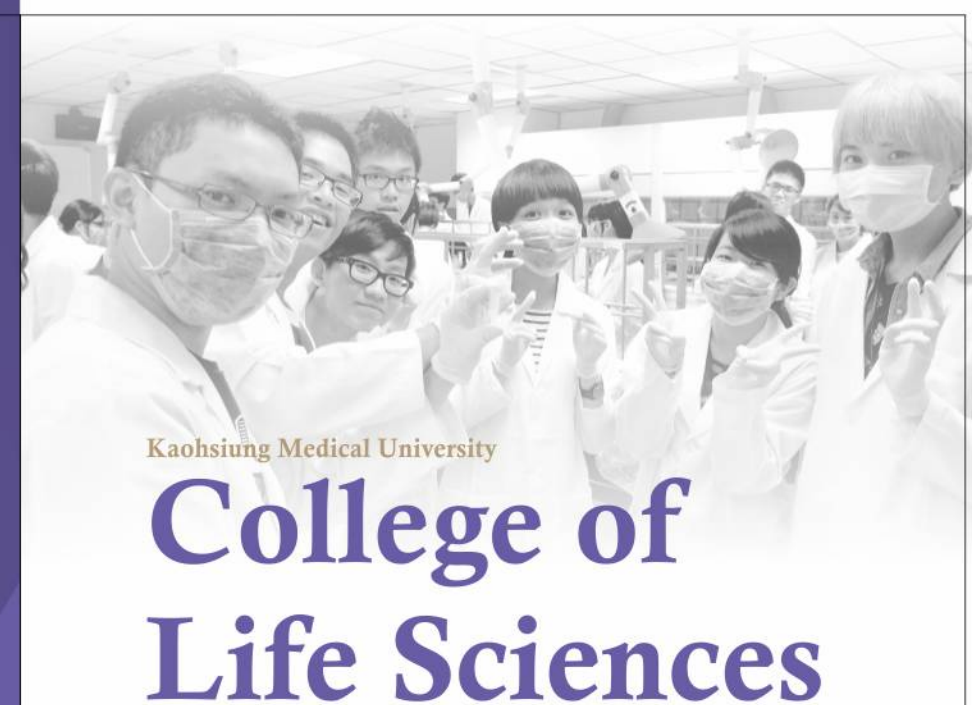
• **Population**
Approx. 2.7 million

• **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects

• **Climate**
Tropical Climate

• **Public Transportation**
Airline / High Speed Railway
Railway / MRT / Light Rail / Bus

• **Power**
110 volt AC



Kaohsiung Medical University

College of Life Sciences

<http://clife.kmu.edu.tw>

◆ Department of Medicinal and Applied Chemistry
(Bachelor / Master's / Doctoral Degree)

◆ Department of Biotechnology
(Bachelor / Master's Degree)

◆ Department of Biomedical Science and
Environmental Biology
(Bachelor / Master's Degree)



1

Department of Medicinal and Applied Chemistry

Bachelor / Master's / Doctoral Degree

Tel : +886-7-3121101#2215 | Fax : +886-7-3125339
E-mail : peggelo@kmu.edu.tw | <https://chem.kmu.edu.tw/>

Aims and Perspectives

The medicinal and applied chemistry program was established in 1990 to recruit high-achieving chemistry students and aims to train students as professionals in all domains of chemistry research fields. Our department is central to our outstanding reputation for high-quality research in the fields of medicinal and applied chemistry.

♥ Features of Dept.

- (1) More than 20 professors in 5 research areas covering all chemistry domains
- (2) Rank #1 for medicinal and applied chemistry in Taiwan
- (3) Great interaction with medical facilities (4 affiliated hospitals)
- (4) Large proportion of international graduate students

♥ Course Features

The medicinal and applied chemistry program at KMU provides rigorous education in the fundamental areas of chemical theory and applied chemical experimentation. It roots students in the discipline and provides a firm foundation so that students can take many paths from here. The flexible curriculum offers students the opportunities to specialize beyond the traditional areas with one of the five options:

- (1) Organic and Medicinal Chemistry
- (2) Biochemistry and Molecular Biology
- (3) Physical and Nano Science
- (4) Inorganic and Material Chemistry
- (5) Analytical and electronic Chemistry



♥ Future Careers and Developmental Paths

Medicinal and Applied Chemistry is a science that balances the essentials of basic and applied chemical sciences that enable students to be more flexible in future developments. Students that graduate from the Department of Medicinal and Applied Chemistry can either pursue further studies in Taiwan or abroad, or work in

research/development and production in the chemical, chemistry, biotechnology or pharmaceutical manufacturing industries. With an excellent learning environment and equipment, the department is a great place to educate and train students to be professionals in the medicinal and applied chemistry fields. Students are welcomed to pursue studies and work toward a better future in the Department of Medicinal and Applied Chemistry.



2

Department of Biotechnology

Bachelor / Master's Degree

Tel : +886-7-3121101#2709 | Fax : +886-7-3125339
E-mail : sevian@kmu.edu.tw | <http://biotech.kmu.edu.tw>

Aims and Perspectives

Biotechnology has become an important emerging technology industry in recent years. In response to this trend, the Department of Biotechnology was established in 2003 and the Master's Program in 2007. Due to the wide scope of biotechnology, the Department integrates the University's development goals and available clinical resources to focus its education on biomedical research. Representative courses offered by the Department encompass diverse field in biotechnology, including cell biology, molecular biology, cancer biology, microbiology, virology, immunology, proteomics, bioinformatics, biophysical chemistry and zebrafish as model in biomedical research, etc. The Department aims to enhance research capacity and educate and train students as professionals in the biotechnology and bioinformatics fields.

♥ Features of Dept.

The Department offers dynamic range of courses encompassing basic biology and modern biotechnology such as medical microbiology, molecular and cell biology, stem cell technology, vaccine engineering, genomics and proteomics, structural biology and biopharmaceutics. The courses offered emphasize on both theories and practice in order to cultivate students as future biotechnology professionals. The teaching objectives of the Department are to help students develop independent thinking skills, master problem-solving skills and become acquainted with hands-on techniques in biomedical sciences and practical biotechnology.



♥ Course Features

The courses include professional biomedical sciences and integrate with related courses in the Department of Biomedical Science and Environmental Biology and Department of Medicinal and Applied Chemistry, College of Life Sciences. It's noteworthy that courses offered by accredited departments of KMU or in compliance with the Guideline for Intercollegiate Course Registration, upon approval by both course coordinators and the Department Chair, can be granted selective course credits toward graduation by the Department. Students are encouraged to strengthen their knowledge in life sciences and develop interdisciplinary skills. The Department is expected to become a platform between clinical medicine and basic medical sciences in order to improve KMU and benefit all mankind.

♥ Future Careers and Developmental Paths

Pursuing advanced studies

1. Pursue advanced studies in graduate institutes: domestic or foreign institutes related to biotechnology.
2. Attend School of Post-Baccalaureate Medicine and School of Post-Baccalaureate Chinese Medicine.

Employment opportunities

1. Work at academic and research institutes related to biotechnology and life sciences.
2. Apply for civil service exams related to biology.
3. Work as teachers of senior high, junior high or elementary schools after obtaining the teacher qualification.



3

Department of Biomedical Science and Environmental Biology

Bachelor / Master's Degree

Tel : +886-7-3121101#2147 | Fax : +886-7-3227508
E-mail : lucyku@kmu.edu.tw | <http://biology.kmu.edu.tw>

Aims and Perspectives

The Department of Biomedical Science and Environmental Biology (formerly the Department of Biology) was established in 1991 and the Master's program was founded in 2005. The aims and perspectives of the department are "to educate and train students as biomedical science and environmental biology professionals, to integrate theories into technology and industry and to integrate life sciences with modern biotechnology". Students are able to respond to trend and become elites in modern biological sciences. There are 15 full time professors in the department (three professors, nine associate professors and three assistant professors), 1 visiting professor and 2 teaching assistants. Among all, 16 teaching staffs (full time and visiting) hold Ph.D. degree.



♥Features of Dept.

The institute is the first graduate school of gender studies established in a medical university in Taiwan. Therefore, "gender, medicine and technoscience" is one of the two focused areas for teaching and research. By using the resources of both KMU and KMU Chung-Ho memorial hospital, our institute has the advantage of specializing in the field. The other focused area for teaching and research is "gender, society and culture". The institute has established connections with women's groups and gender-related NGOs in Kaohsiung and elsewhere; we also have cooperative relations with other graduate institutes and scholars of gender studies in Taiwan and abroad. The institute has achieved high quality in teaching and research as well as promoting gender equality in the communities.

♥Course Features

The courses are based on feminism and gender theory and actual practices in society. The two major focuses on teaching and research include various courses.

1. Core courses on feminism and gender theory: "Introduction to Gender Studies", "Feminist/Gender Research Methods", "Feminism Theory and Social Practices", "Classic Readings in Gender Studies", "Sexuality, Gender and Society", "Masculinity Studies", "Gay and Lesbian Studies", "Special Topic on Gender Mainstreaming", "Community and Feminist Practice".
2. Courses on gender, medicine and technoscience: "Gender, Medicine and Health", "Gender and Technology", "Gender and Nursing", "Gender and Aging studies", "Gender, Narrative and Healing".
3. Courses on gender, society and culture: "Work, Body, Time and Space", "Feminism and Multicultural Families", "Cross-cultural Feminisms: An Intersectional Approach", "Feminist Pedagogy", "Gender and Media", "Studies in Gendered Violence", "Gender and Globalization", "Practicum on Gender Education", "Controversies in Gender Issues", "Gender and Cultural Studies".

♥Future Careers and Developmental Paths

1. Work at planning or administrative units of central and local government departments or NGOs related to gender/ women's development.
2. Work at planning or administrative units of public or private medical, nursing, public health, healthcare and social services institutions related to gender/ women's development.
3. Serve as teachers responsible for gender education at public or private schools in order to implement the Gender Equity Education Policy.
4. Work at central or local cultural and historical institutions, museums, etc., responsible for gender, women and oral history activities planning and administration.
5. Work at media, cultural and publishing industries, responsible for planning, editing, interviews, publishing or producing topics related to gender/ women's issues.
6. Pursue further studies in gender, medical, nursing or social sciences.



KMU

Kaohsiung Medical University

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service@kmu.edu.tw



KMU
Admission
Website



Online
Application
Website



College of
Humanities and
Social Sciences

About Kaohsiung

Kaohsiung

The Second Largest City of Taiwan & The Maritime Capital

- **Land Scope**
Approx. 2,951.85 km²
(largest municipality by area)
- **Population**
Approx. 2.7 million
- **Language**
Mandarin / Taiwanese / Hakkanese
aboriginal dialects
- **Climate**
Tropical Climate
- **Public Transportation**
Airline / High Speed Railway
Railway / MRT / Light Rail / Bus
- **Power**
110 volt AC



Kaohsiung Medical University

College of Humanities and Social Sciences

<https://hss.kmu.edu.tw/>

- ◆ Department of Psychology
(Bachelor / Master's Degree)
- ◆ Department of Medical Sociology and Social Work
(Bachelor / Master's Degree)
- ◆ Graduate Institute of Gender Studies
(Master's Degree)



1 Department of Psychology

Bachelor / Master's Degree

Tel : +886-7-3215422, ext. 820 | Fax : +886-7-3233716
E-mail : yihui@mail.psy.kmu.edu.tw | http://wp.psy.kmu.edu.tw/

Aims and Perspectives

The Department of Psychology provides students with a broad range of opportunities to develop knowledge of the foundations of human behavior, and utilize psychology theories, skills, and values to improve human lives and benefit society.

♥Features of Dept.

The Department of Psychology is comprised of faculty with a remarkable variety of specialties, such as Autism, Biofeedback, Neuroscience, Positive Psychology, and Sleep Medicine. To ensure that students can effectively integrate science and practice in their work, the Department adopts the scientist-practitioner model as a teaching strategy when educating students in Psychology.



♥Course Features

The Department of Psychology offers programs leading to B.S. and M.S. degrees. The undergraduate program aims to prepare students to be familiar with the knowledge base of psychology, understand and apply basic research methods in psychology, and develop critical thinking and verbal and written communication skills. The Master's program provides students with 3 highly-specialized emphasis areas: Clinical Psychology Emphasis, Counseling Psychology Emphasis, and Applied Psychology Emphasis. Once students in the first two emphasis areas have completed the M.S. degree, they will be qualified to take the Psychologist Licensure Examination in Taiwan.

♥Future Careers and Developmental Paths

Studying psychology can open up a diverse body of career opportunities in various contexts, especially those with an advanced degree (e.g., Master's or Doctoral), license, or certificate in psychology.

In medical institutions:

- Serve as a clinical psychologist or case manager in hospitals, clinics, or other types of health settings (e.g., private practice).

- Work as a researcher in hospitals, clinics, or other types of health settings (e.g., private practice).

In communities:

- Serve as a clinical/counseling psychologist or case manager in counseling centers or other types of community setting.
- Work as a researcher in counseling centers or other types of community settings.

In academic institutions:

- Serve as a clinical/counseling/school psychologist or case manager at schools.
- Serve as a lecturer, assistant professor, associate professor, or professor at a higher education institution.
- Work as a researcher at a higher education institution.

In government units:

- Serve as a psychologist, counselor, or psychological evaluator in prisons.
- Work as a probation officer of the court.

In corporations:

- Work as a human resource administrator or consultant.



2 Department of Medical Sociology and Social Work

Bachelor / Master's Degree

Tel : +886-7-3121101#2195#800 | Fax : +886-7-321-7997
E-mail : wentos@kmu.edu.tw | ms.kmu.edu.tw

Aims and Perspectives

The department integrates medical sociology, social work, health care and other relevant disciplines to educate and train students as professionals and researchers in the fields of health care and social services.

♥Features of Dept.

1. The Department of Medical Sociology and Social Work at Kaohsiung Medical University is the pioneer that integrates the disciplines of medical science, behavioral science and social work practice in Taiwan. A graduate program in Health and Social Behavior was established within the Graduate Institute of Behavior Sciences in 1992.
2. In 2002, Medical Sociology and Social Work became two separate graduate programs.
3. Graduate Institute of Medical Sociology and Social Work was established in 2004, and is specialized in the issues related to aging and society, medical sociology, and social work.

♥Course Features

A total of 132 credits are required for the students to complete the baccalaureate program. While the total number of credits required for the Master's program is 36. Courses are divided into three main sections including health care, social

work and medical sociology. Each section complements with each other in which the students can be educated and trained toward professionals and researchers in the fields of health care and social services.

Professional core competencies obtained by undergraduate students:

1. Healthcare knowledge
2. Professional knowledge for social work
3. Peer collaboration and professional ethics
4. Critical thinking and decision making skills
5. Team work and multidisciplinary thinking on social issues
6. Active learning

Professional core competencies obtained by graduate student

1. Professional knowledge and ability for social work in the fields of healthcare and social services
2. Sensitive observation and critical thinking abilities
3. Independent enquiring and problem solving abilities



♥Future Careers and Developmental Paths

After graduation from the department, students are eligible to apply for the Professional and Technical Personnel Examination, or to obtain the Social Worker License to work in the medical settings, welfare institutions or to run their own business independently. The undergraduate students of the department are required to take four-year courses and then would be conferred with a Bachelor degree in Social Science. In according with their own personal career plan, the graduates may choose to work in practice, to conduct research, or to pursue further studies. Specifically, these include:

1. To study further in domestic or international graduate programs such as in the fields of Behavioral Sciences, Social Work, Adult & Continuing Education, Gender Studies, Behavioral Medicine, Health and Welfare Policy, Health Care Administration, Health Education, Public Policy, Sociology, Interdisciplinary Studies for Social Sciences, Social Welfare, Business Administration, and Criminology, etc.
2. To serve as social workers in the social work department of medical settings.
3. To work as administration staff in the governmental unit of social and health related fields, or in private social service institutions or foundations.
4. To become a researcher in research institute (centers).

3 Graduate Institute of Gender Studies

Master's Degree

Tel : +886-7-3121101#2204#860 | Fax : +886-7-3213500
E-mail : gender@kmu.edu.tw | http://gigs.kmu.edu.tw

Aims and Perspectives

The Graduate Institute of Gender Studies (GIGS) at KMU aims to educate and train students as professionals in research and in practice in gender equality. Students are expected to achieve accomplishments in the fields of "gender, medicine and technoscience" and "gender, society and culture" and follow the spirit of "feminist theory and practice".