



中国援助
CHINA AID

Academic Education Programs Sponsored by Ministry of Commerce PRC



南方医科大学

Southern Medical University



Master of Public Health 2020



School of International Education
Southern Medical University
December, 2020

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I Program Description

1. Basic Information

(1) Brief Introduction

The Diploma & Degree Education Aid Program of P.R.C. for Developing Countries, founded in 2008 upon the China's Foreign Aid Fund, is under the management of the Ministry of Commerce of the People's Republic of China for the purpose of training and cultivating high-end financial and commercial officials and administrative talents. The program is specially designed with three academic levels including one-year master's degree, two-year master's degree and three-year doctor's degree to support the aided countries intellectually by cultivating high-level, inter-disciplinary and application-oriented talents in politics, commercial trade, diplomacy, agriculture, science, education, literature, health, energy, transportation and public administration for them.

Highly valued by their governments, these students are playing an increasingly important role in the economic and trading cooperation and development between their mother countries and China.

The "Master of Public Health 2020" sponsored by the Ministry of Commerce of the People's Republic of China, is a two-year English degree curriculum program under the administration of the Southern Medical University. The program is designed for professional personnel of different backgrounds, who are expected to improve the medical care systems and national public health situations of their countries. Aiming to cultivate high-level application-oriented talents in the health administration and disease prevention fields, it deepens the students' understanding of Chinese public health development practice. By way of multiple teaching methodologies, such as field inspections and case analyses, the program facilitates the analytical and problem solving skills of the students. It also highlights the training of senior professionals suitable for public health management, hospital management and other related fields, in response to the demand of developing countries for senior talents in medicine and health management.

(2) Prospective Students

Our prospective students are administrative personnel and professional public health talents from public health departments of developing countries, including health administrative departments, hospitals, disease control centers, community health organizations and inspection & quarantine organizations. They should have demonstrated superior performance in their work and sufficient English proficiency to conduct their study. By the time of matriculation, each must be under 45 years of age and have a bachelor's degree.

(3) Program Objective

To cultivate high level application-oriented talents in health administration and disease prevention fields.

(4) Enrollment Plan

In 2020 we have planned to enroll up to up to 20 students in Master of Public Health (MPH) Program which will be offered fully in English and last for two years.

(5) Funding Contents

With the foreign aid fund, this program provides funds for expenses relevant to teaching and administration as well as students' basic living expenses and round-trip tickets, including:

- (a) Tuition fees , teaching materials and textbooks, investigation and inspection, English teaching subsidy and graduate thesis tutoring expense;
- (b) Accommodation;
- (c) Regular allowance: 36,000 Yuan per person per year for master degree candidate;
- (d) One-time settlement allowance 3,000 Yuan per person;
- (e) Medical insurance;
- (f) Round-trip tickets provided by the Ministry of Commerce: students in two-year or three-year program can be provided one round-trip ticket for family visit.
- (g) All degree students are required to take part in the annual evaluation. Those who satisfied the standard in the academic performance evaluation can continue to enjoy full scholarship in the next year.
- (h) Other expenses shall be administered and used by the Ministry of Commerce or the university, and shall not be distributed to the students. The Ministry of Commerce only provides students with financial support within the schooling year, which is stated in the admission notice, and students will not receive further funding for deferment.

2. Southern Medical University

(1) Brief Introduction

Southern Medical University (SMU) is the former First Military Medical University, was founded in October 1951 and notarized as one of the premier medical universities in 1978. Our university was handed over to the local government of Guangdong Province and meanwhile renamed as Southern Medical University, in line with the command by the State Department and the Central Military Committee of PLA in August 2004. SMU has become the only medical university among the high-level construction universities in Guangdong Province and one of the 8 prestigious universities authorized by the Ministry of Education to run the pilot 8-year medical

education program. At present, SMU is the only medical university which ranks as one of the Ministry-Province Co-constructed Medical Universities in Guangdong Province.

School Scale: SMU, located at the foot of the picturesque Baiyun Mountain in Guangzhou, has two campuses, the main campus and the Shunde campus, covering an area of nearly 1.68 million square meters, with a construction area of 0.845 million square meters. The university has 19 schools, 35 undergraduate majors, including 8 majors with national characteristics, 10 majors with Guangdong characteristics and 6 famous majors in Guangdong province, with an enrollment of different degree candidates, including 5,564 postgraduates, 13,588 undergraduates and 1,020 international students.

Disciplines: At present, the university has 10 first-level disciplines for doctoral degree authorization and 16 first-level disciplines for master's degree authorization, forming a relatively complete degree authorization system with medicine as the main body and coordinated development of science, engineering, law, management, and education. 7 academic disciplines including clinical medicine, Pharmacology and toxicology, Molecular biology and genetics, Biology and Biochemistry, Neuroscience and Behavioristics, Immunology and Chemistry listed as the world's top 1%. SMU has 5 national key and cultivation disciplines, 6 National Administration of Traditional Chinese Medicine (NATCM) key disciplines and 10 Guangdong key disciplines, 12 national first-class undergraduate professional construction sites and 5 provincial first-class undergraduate professional construction sites.

International Education: As an important part of the internationalization strategy of SMU, the school began international education as early as when it was known as the First Military Medical University. After two decades of development, the international education of the university has formed a good environment conducive enough to host the education of international students as well as China-aid training programs. At present, there are 1,020 international students (including 198 master and doctoral students) in SMU, from more than 90 countries and regions around the world. As one of the 10 Educational China Aid Bases designated by the Ministry of Education and a backbone unit for organizing training programs sponsored by the Ministry of Commerce, up to present, the university has trained 3106 foreign medical officials and professionals from 121 foreign countries and regions in the past 148 training programs. In 2015, the university organized the foreign-aid academic degree program "Master of Public Health 2015-2017"(MPH) for the first time, which is a 2-academic-year program in English medium. Till now, it has enrolled 171 students from 41 countries.

(2) About the Schools

1) School of Public Health

The School of Public Health of Southern Medical University has the following departments: Department of Infectious Diseases, Department of Biological Statistics, Department of Occupational Health and Occupational Medicine, Department of

Environmental Health, Department of Nutrition and Food Hygiene (Department of Child and Adolescent Health), Department of Toxicology, Department of Radioactive Medicine, Department of Health Inspection and Quarantine (Health Detection Center), Teaching Center for Preventive Medicine Experiments, Risk Assessment Center for Food safety, Department of Psychology (Mental Health Center), Department of Pathogen Biology, Department of Microorganism and P3 Laboratory.

There are 131 faculty members, including 42 professors, 48 associate professors, 34 doctoral supervisors, and 68 master's supervisors, as well as 2 members of the subject review panel of the Degree Committee of the State Council, 4 persons who enjoys special government allowances from the State Council, 1 national candidate for the 'New Century National Hundred, Thousand and Ten Thousand Talents Project', and 1 winner of National "Excellent Youth" Science Fund, 1 winner of Wu Jieping-Paul Janssen Award in Medicine, 1 member of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), 1 "New Century Talents" of Ministry of Education, 1 winner of Guangdong Ding Ying Science and Technology Award, 2 "Leading Talents" of Guangdong Province, 2 talents of "Special Support Plan" of Guangdong Province, 3 "Pearl River Scholar", 2 winners of Outstanding Teacher Award of Guangdong Province, 3 winners of Excellent Teacher of South Guangdong, 1 winner of May 1st Labor Award, and 12 person-times being the Vice President of the Provincial and Ministerial Societies.

The School of Public Health has two first-level disciplines (public health and preventive medicine, special medicine) entitled to confer doctoral degrees. It covers 14 PhD programs, and 15 master's degree programs. In addition, it contains a postdoctoral scientific research station in public health and preventive medicine, a professional program for Master of Public Health (MPH), Guangdong provincial first-level and key discipline of public health and preventive medicine, and functions as the attached institution of the teaching committee for public health and preventive medicine discipline for universities in Guangdong. The school attaches great importance to the domestic and international academic exchanges, and it has set up friendly relations and cooperation with 18 universities or education and research institutions in many countries and regions such as the United States, Britain, Australia, Japan, South Korea, etc.

2) School of Health Services Management

The School of Health Services Management is an influential training base for medical and health management talents across the country. It has formed a complete education and teaching system and an internationalized school-running model for undergraduate, graduate and doctoral programs which focuses on cultivating interdisciplinary, application-oriented and innovative talents who are versed in theories and skills of management, law and economics and proficient in both basic theories and practice of health care.

There are 46 faculty members, including 22 professors and associate professors. It possesses one secondary discipline of Public Health Policy and Management entitled

to confer doctoral degree, one first-class discipline of Public Administration entitled to confer master's degree, one secondary discipline of Public Health Policy and Management entitled to confer master's degree and one postdoctoral research center of Public Health Policy and Management. It cooperated with ISCTE-Lisbon University Institute in Portugal in the doctoral degree program in public health policy and management, and jointly organized the study abroad program of master's degree in medical care management. In collaboration with the Florida International University College of Business, it organized an MBA program for medical care management.

The School of Health Services Management has a Guangdong Provincial special and key discipline of Social Medicine and Health Service Management, Public Health Policy Research and Assessment Key Laboratory for Philosophy and Social Sciences of Guangdong Province, and Key Humanities and Social Sciences Research Base for Guangzhou Public Health Service System Construction. It jointly established the International Research Institute of Health Law in cooperation with China Health Law Society, and established academic platforms such as "One Belt and One Road" Medicine and Health Cooperation and Development Institute and Public Health Policy and Hospital Management Institute. It also serves as the training center of hospital management cadres of Southern Medical University and has long been undertaking training tasks for medical and health management talents from different regions of the country.

(3) Introduction to Students' Living Environment and Conditions

The university is located in Guangzhou, a commercially developed city in southern China, with a pleasant climate (the annual average temperature is about 20 °C , 20-35 °C in summer and 3-20 °C in winter) and diverse culture. The campus is equipped with various public facilities, including the postal office, the cafeteria, the library and the stadium. Besides, the university offers single room with independent bathroom and balcony in the international student apartment building in the main campus for the students of this program. In each room, the furniture such as bed, wardrobe, bookshelf, TV cabinet, tables, chairs and sofa as well as electrical appliances such as air conditioner, washing machine, and TV set are prepared. Special classrooms are also established for teaching with brand-new decorations, and the equipment is in good condition.

3. Teaching Arrangement

(1) Curriculum Arrangement

◇ Master of Public Health(Science Division)

Semester	No.	Arrangement	Credit	Hour	Time
Entrance	1	Registration			2021.9.12-9.13
	2	Orientation	/	36	2021.9.16-9.20
1 st Semester	1	Introduction to China	2	36	2021.9-2022.1
	2	Primary Chinese	4	102	
	3	Medical Statistics & Application of SPSS	3	54	
	4	Environmental Health	2	32	
	5	Implementation Science	2	36	
	6	Acquisition and Management of Medical Information	2	36	
	7	Medical Psychology	2	32	
	8	Toxicology	2	36	
	9	Introduction to Global Health	3	54	
	10	Women and Children's Health	2	39	
	11	Introduction to Preclinical Medicine	2	32	
	12	Medical Thesis Writing	2	36	
Winter Vacation					2022.2
2 nd Semester	1	Principles and Methods of Epidemiology	4	72	2022.3-2022.7
	2	Advances in Tropical Medicine	4	66	
	3	Occupational Health and Safety	2	36	
	4	Nutrition and Food Hygiene	2	36	
	5	Environmental Health	2	32	
	6	Practice of Hospital Management	2	32	
	7	Biosafety	1	18	
	8	Modern Management	5	80	

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Semester	No.	Arrangement	Credit	Hour	Time
	9	Management Research Method	2	32	
	10	Hospital Management	5	80	
	11	Health Care Management	2	32	
2 nd Semester	12	Health Promotion and Health Education	2	36	2022.3- 2022.7
	13	Health Economics	2	32	
	14	Overview of Clinical Medicine	2	32	
	Dissertation Proposal				
Summer Vacation					2022.8
3 rd Semester	Practice				2022.9- 2023.1
Winter Vacation					2023.2
4 th Semester	Thesis and defense				2023.1- 2023.6
	Graduation Ceremony				2023.6

◇ **Master of Public Health (Administration Division)**

Semester	No.	Arrangement	Credit	Hour	Time
Entrance	1	Registration			2021.9.12- 9.13
	2	Orientation	/	36	2021.9.16- 9.20
1 st Semester	1	Introduction to China	2	36	2021.9-2022.1
	2	Primary Chinese	4	102	
	3	Medical Statistics & Application of SPSS	3	54	
	4	Environmental Health	2	32	
	5	Implementation Science	2	36	
	6	Acquisition and Management of Medical Information	2	36	
	7	Medical Psychology	2	32	
	8	Toxicology	2	36	
	9	Introduction to Global Health	3	54	

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Semester	No.	Arrangement	Credit	Hour	Time
	10	Women and Children's Health	2	39	
	11	Introduction to Preclinical Medicine	2	32	
	12	Medical Thesis Writing	2	36	
Winter Vacation					2022.2
2nd Semester	1	Modern Management	5	80	2022.3-2022.7
	2	Management Research Method	2	32	
	3	Hospital Management	5	80	
	4	Health Care Management	2	32	
	5	Health Promotion and Health Education	2	36	
	6	Health Economics	2	32	
	7	Practice of Hospital Management	2	32	
	8	Biosafety	1	18	
	9	Principles and Methods of Epidemiology	4	72	
	10	Advances in Tropical Medicine	4	66	
	11	Occupational Health and Safety	2	36	
	12	Nutrition and Food Hygiene	2	36	
	13	Overview of Clinical Medicine	2	32	
	14	Advances in Tropical Medicine	4	66	
Dissertation Proposal					2022.3-2022.7
Summer Vacation					2022.8
3rd Semester	Practice				2022.9-2023.1
Winter Vacation					2023.2
4th Semester	Thesis and defense				2023.1-2023.6
	Graduation Ceremony				2023.6

1) Core Courses

◇ Master of Public Health(Science Division)

【 Introduction to China 】 This course is a general course that systematically introduces the basic situation of China to international students. The main contents include China's natural and cultural conditions, Chinese politics, China's economy and Chinese society. It systematically and objectively shows international students China and Chinese culture by lectures, so that they can understand the basic situation of China in a short time, and have a certain sensitivity and tolerance to cultural differences.

【 Primary Chinese 】 This course mainly targets at students with zero basis of Chinese. It will teach the necessary phonetics, Chinese characters, vocabulary, sentences, etc. in daily conversation, so that students can master the most basic Chinese phonetics knowledge and pronunciation skills, the vocabulary of common words in the primary stage, and the basic Chinese sentence patterns; have good command of the basic strokes, stroke order and basic structure of Chinese characters, and write the Chinese characters; have the preliminary Chinese communication ability, use Chinese to solve the most basic problems in daily life and study, and adapt to the study and life in China as soon as possible.

【 Medical Statistics & Application of SPSS 】 In this course, the students are expected to comprehend the fundamentals of health statistics, master the application of common statistical methods and be familiar with various operations of SPSS. It also aims to enable students to choose the correct statistical method according to different data type, and understand SPSS analysis results correctly, so as to lay a good foundation for independent scientific work and data processing.

【 Acquisition and Management of Medical Information 】 This course focuses on cultivating students' information consciousness and literacy, and making them master the techniques on medical information retrieval and utilization. Through this course, students will know about the basic knowledge of information retrieval and management, and be familiar with the retrieval and utilization of commonly used online medical databases, search engines and other online medical information resources. Furthermore, the students are also expected to master the methods and skills in medical information integration and utilization and strengthen their abilities of self-study, research and innovation.

【 Principles and Methods of Epidemiology 】 The aim of this course is to help students to acquire the basic concept, basic theory and investigation method of epidemiology as well as the application of epidemiology in disease prevention and control. It introduces the distribution of diseases and health status in the population and its influencing factors, the strategies and measures for formulating and evaluating the prevention, control and elimination of diseases, so as to enable students to establish the thinking of epidemiological research, and have the ability to carry out disease investigation by using epidemiological research methods and techniques. The ultimate goal of this course is to help lay a foundation for applying the epidemiology theory and methods in the future practical work.

【Advances in Tropical Medicine】 Tropical diseases are diseases that mainly occur in tropical and subtropical areas. All common tropical diseases in our country and diseases unique to other tropical countries or areas are included in this course study. The primary task for students is to grasp the basic theory, knowledge and skills of tropical medicine through learning and practice, so as to lay the foundation for study on prevention and treatment of tropical diseases.

【Environmental Health】 This course is to make students familiar with how the environment influences human health, master the law of natural development, so that they can put forward hygienic requirements and preventive countermeasures by making full use of the environmental beneficial factors and controlling harmful factors.

【Occupational Health and Safety】 This course explores the harmful factors in working environment, and the prevention and treatment of discomfort or diseases caused by occupational hazards. The contents include the basic conception of occupational disease and occupational safety, laws and regulations on occupational health and safety, occupational health, occupational safety and individual protection, etc. The course aims to lay the foundation for cultivating public health talents in occupational safety and health service.

【Nutrition and Food Hygiene】 This course refers to body nutrition and food safety which is closely related to the national health, including basic knowledge of nutriology, nutrition for special populations, public nutrition, food contamination and its prevention, and food safety management, etc. It aims to lay a solid theoretical basis for the related personnel who are engaged in public health.

◇Master of Public Health (Administration Division)

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【Modern Management】 This course will systematically introduce the general rules, basic principles, management ideas, general methods and main functions of the management process, to cultivate the students' management abilities: planning and decision-making, organization and personnel management, leadership and communication, control and evaluation, and to train the comprehensive management skills and quality of students.

【Research Method of Management】 This course aims to study the epistemological and methodological bases of management research methods, including the basic concepts of management research methodology, management research ethics, scientific boundary and falsificationism, and positivism management research paradigms.

【Hospital Management】 This course will enable students to understand the new progress of domestic and foreign hospital management, master the basic principles, tools and techniques of hospital management, and have good command of the common tools and methods of hospital management. It involves hospital strategic management, hospital organization management, medical quality management, doctor-patient relationship management, hospital culture construction, hospital infection management, hospital human resource management, hospital management communication, management ideas in traditional Chinese culture, etc.

【Health Care Management】 This is a comprehensive course that introduces related management theory, health policy and management technology. With theories, methods and techniques of modern management science, it studies the basic law of health management, and learn how to reasonably collect, distribute and use limited health resources to increase social and economic benefits of health services and further to improve the public health.

2) Elective Courses

◇ Master of Public Health(Science Division)

【 Implementation Science 】 Implementation science, also known as the implementation research, is an emerging interdisciplinary field to solve the problem that evidence-based intervention methods are faced in the promotion of practice. It is also referred to the "Type II applied research", and it aims to promote evidence-based intervention method to be rapidly, conveniently and low costly mastered and applied by front-line practitioners, and to benefit the target population faster and more widely.

【 Medical Psychology 】 Medical Psychology is an interdisciplinary subject of psychology and medicine. It studies the laws and functions of the psychological problems in medical area. Through the study of this course, students will learn the psychosoma dialectical viewpoint, master the basic theories and techniques application so as to achieve the model change of biological-psychological-social medicine, to further improve the prevention and treatment of diseases, enhance the quality of medical treatment and promote the physical and mental health of human beings.

【 Toxicology 】 Toxicology mainly studies the toxic effects and mechanism of exogenous chemicals on organisms, especially the human body. To learn this course well, students should adhere to the principle of combining theories with practice. Through teaching, learning, discussing and various kinds of teaching activities, students will deeply understand the toxicity and rules of exogenous chemicals and become familiar with the basic theories and techniques of this subject, and also understand its developing tendency so as to lay a solid foundation for future work.

【 Medical Thesis Writing 】 This course is a methodological course to cultivate and improve students' ability in research and scientific literacy. From the practical point of view, students will have a preliminary understanding of the basic scientific research procedures and rules of research topics and research design, and master the principles of medical paper writing, contributing and revising so that to lay a good foundation for medical research.

【 Introduction to Preclinical Medicine 】 This course targets at non-medical graduates. It is a brief overview of preclinical medicine and also a comprehensive course closely related to many disciplines in preclinical medicine.

【 Overview of Clinical Medicine 】 This course targets at non-medical graduates, which is a brief overview of clinical medicine and a subject that studies the diagnostics basis and the common diseases of various clinical sections. It focuses on etiology, pathogenesis, clinical manifestations, diagnosis and treatment of common clinical emergencies, infectious diseases, internal medicine and surgical diseases, gynecological and pediatric diseases, as well as the important role of drugs in the prevention, treatment and diagnosis of diseases.

【 Introduction to Global Health 】 Global health is the area of study, research and practice that places a priority on improving health and achieving equity in health for all people worldwide. This course will introduce the basic research methods of global

health. Health problems that transcend national borders or have a global political and economic impact are emphasized in this course. The issues will be discussed include but not limit the following: global disease burden, climate change, air pollution, sustainable dietary pattern, food processing and food safety, neglected tropical diseases and emerging infectious disease (e.g. COVID-19), and other hot topics in this field.

【Women and Children's Health】 Women and children are unique and vulnerable groups in global health. Global health interventions targeting women and children often have positive and lasting effects, such as large-scale malnutrition, improved prenatal care and increased immunization coverage, which are of great benefit to reducing incidence rate and mortality. This course will focus on assessing the growth patterns and methods of children's growth and development, risk factors and prevention strategies of common diseases in women and children, etc.

【Health Economics】 As a course on the basic economic principles of health and health care, it studies economic evaluation, system economics, and health care economics.

【Practice of Hospital Management】 Based on the classical management theories and methods of hospital management practice both at home and abroad, this course interprets the commonly used theories and tools in hospital management from the aspects of hospital strategy, performance, service process, quality and safety, and information management, etc. with combination of the real situation of hospitals in our country. It is designed to help students better understand and master relevant theories and tools to improve the level of hospital management.

【Health Promotion and Health Education】 It is a course that introduces the prevention of diseases and the skill of health promotion to the public. Students are required to grasp the way, method, and efficacy of these information so that to propagate and apply the knowledge to enhance the self-awareness of people in disease prevention and health management.

【Biosafety】 This course enables students to get basic knowledge for the work in laboratory, including the safe use of electricity, gas, chemical reagents, the management of Radioisotope laboratory, Microbiology Laboratory, Genetic engineering laboratory and preparation of regular experimental objects so as to lay a good theoretical and technical foundation for students who work in laboratory management or scientific research in the future.

【Modern Management】 This course will systematically introduce the general rules, basic principles, management ideas, general methods and main functions of the management process, to cultivate the students' management abilities: planning and decision-making, organization and personnel management, leadership and communication, control and evaluation, and to train the comprehensive management skills and quality of students.

【Research Method of Management】 This course aims to study the epistemological and methodological bases of management research methods, including the basic

concepts of management research methodology, management research ethics, scientific boundary and falsificationism, and positivism management research paradigms.

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【Health Care Management】 This is a comprehensive course that introduces related management theory, health policy and management technology. With theories, methods and techniques of modern management science, it studies the basic law of health management, and learn how to reasonably collect, distribute and use limited health resources to increase social and economic benefits of health services and further to improve the public health.

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【 Health Economics 】 As a course on the basic economic principles of health and health care, it studies economic evaluation, system economics, and health care economics.

【 Practice of Hospital Management 】 Based on the classical management theories and methods of hospital management practice both at home and abroad, this course interprets the commonly used theories and tools in hospital management from the aspects of hospital strategy, performance, service process, quality and safety, and information management, etc. with combination of the real situation of hospitals in our country. It is designed to help students better understand and master relevant theories and tools to improve the level of hospital management.

【 Health Promotion and Health Education 】 It is a course that introduces the prevention of diseases and the skill of health promotion to the public. Students are

required to grasp the way, method, and efficacy of these information so that to propagate and apply the knowledge to enhance the self-awareness of people in disease prevention and health management.

【 Biosafety 】 This course enables students to get basic knowledge for the work in laboratory, including the safe use of electricity, gas, chemical reagents, the management of Radioisotope laboratory, Microbiology Laboratory, Genetic engineering laboratory and preparation of regular experimental objects so as to lay a good theoretical and technical foundation for students who work in laboratory management or scientific research in the future.

【 Principles and Methods of Epidemiology 】 The aim of this course is to help students to acquire the basic concept, basic theory and investigation method of epidemiology as well as the application of epidemiology in disease prevention and control. It introduces the distribution of diseases and health status in the population and its influencing factors, the strategies and measures for formulating and evaluating the prevention, control and elimination of diseases, so as to enable students to establish the thinking of epidemiological research, and have the ability to carry out disease investigation by using epidemiological research methods and techniques. The ultimate goal of this course is to help lay a foundation for applying the epidemiology theory and methods in the future practical work.

【 Advances in Tropical Medicine 】 Tropical diseases are diseases that mainly occur in tropical and subtropical areas. All common tropical diseases in our country and diseases unique to other tropical countries or areas are included in this course study. The primary task for students is to grasp the basic theory, knowledge and skills of tropical medicine through learning and practice, so as to lay the foundation for study on prevention and treatment of tropical diseases.

【 Environmental Health 】 This course is to make students familiar with how the environment influences human health, master the law of natural development, so that they can put forward hygienic requirements and preventive countermeasures by making full use of the environmental beneficial factors and controlling harmful factors.

【 Occupational Health and Safety 】 This course explores the harmful factors in working environment, and the prevention and treatment of discomfort or diseases caused by occupational hazards. The contents include the basic conception of occupational disease and occupational safety, laws and regulations on occupational health and safety, occupational health, occupational safety and individual protection, etc. The course aims to lay the foundation for cultivating public health talents in occupational safety and health service.

【 Nutrition and Food Hygiene 】 This course refers to body nutrition and food safety which is closely related to the national health, including basic knowledge of nutriology, nutrition for special populations, public nutrition, food contamination and its prevention, and food safety management, etc. It aims to lay a solid theoretical basis for the related personnel who are engaged in public health.

3) Field Study

These practice trips will provide students with real-world experience of China's development from different perspectives, and will help students to form their own understanding of China's state quo. Students can also test the knowledge and skills they have learned in previous courses, then prepare and consolidate their dissertation.

4) Course Requirements

The MPH program consists of four semesters of full-time academic work, with a minimum course requirement of 43 credits to complete the degree, including course study, social practice and scientific research activities. Among them, there are no less than 36 credits for course study, 4 credits for social practice and 3 credits for scientific research activities.

5) Profiles of Instructors

◇ Master of Public Health(Science Division)

Professor WEN Mingang

Engaged in teaching management and the practice of higher medical education.

Professor YANG Xingfen

Areas of research: Risk assessment of food safety, toxicology of food and non-animal alternative toxicity testing local special food effective evaluation.

Professor ZOU Fei

Areas of research: Cells' reaction to environment factors, directional migration mechanism of cells.

Professor PENG Hongjuan

Areas of research: Research on the interrelation between pathogen and host, research on vector control method.

Professor CHEN Xiaoguang

Areas of research: Research on new control techniques for important insect vectors, basic and applied study on important opportunistic protozoan.

Professor WAN Chengsong

Areas of research: Genomics and pathogenic mechanism of pathogenic micro-organism, techniques and management of public health emergency.

Professor TANG Shixing

Areas of research: HIV and the basis of viral infection and the relation to epidemiology.

Professor CHEN Qing

Areas of research: Epidemiology of infectious diseases, epidemiological evaluation.

Professor CHEN Pingyan

Areas of research: Hospital management statistics, scale development and evaluation, statistical method of clinical tests, research on biostatistics method.

Professor ZHANG Xiaoyuan

Areas of research: Mental health, counseling and psychotherapy.

Professor ZHAO Wei

Areas of research: Molecular virology, laboratory biosafety.

Professor MENG Xiaojing

Areas of research: Neurotoxicology mechanism of occupational toxicants, mechanism of occurrence and metastasis of breast cancer induced by occupational risk factors.

Professor LIU Yungang

Areas of research: Metabolic activation and inactivation of xenobiotics, muta-genesis and carcinogenesis of environment chemicals.

Professor MAO Chen

Areas of research: Gerontology, clinical epidemiology, evidence-based medicine.

Professor ZHENG Xueli

Areas of research: Vector biology and infectious diseases, parasitology.

Professor ZHANG Bao

Areas of Research: The pathogenic mechanism of ZIKA and MERS virus.

Professor ZHOU Xiaohong

Areas of Research: Development of new strategies for prevention and control of main infectious diseases and invasive mosquito vectors, study on the genetic evolution and mechanisms of vector-pathogen-host interaction, molecular mechanisms of photoperiodic diapause in ecological adaptation of *Aedes albopictus*.

Professor CAO Hong

Areas of research: Microbe-host interaction, host-microflora interaction of gut Ecosystems in human.

Professor HUANG Zhenlie

Areas of research: Neurotoxicology of organic solvent exposure, food toxicology and nanotoxicology, clinical epidemiology and epigenetic mechanism of lung cancer.

Professor ZHANG Bo

Areas of research: Environmental detriments of type 2 diabetes, novel techniques for risk assessment, cancer causes and cancer prevention.

Associate Professor DAI Yingchun

Areas of research: Molecular epidemiologic study on norovirus.

Associate Professor WU Jiguo

Areas of research: The fate and transformation of environmental pollutants and remediation of pollution, health effect of environmental pollutants.

Associate Professor LIAO Wenzhen

Areas of research: Separation and purification, structure identification, evaluation and application of nutrient compositions and active substances.

Associate Professor XIE Xiaoli

Areas of research: Mechanisms of xenobiotics induced toxicity in organs.

Associate Professor ZENG Xihua

Areas of research: Justice issues about public health and education, attachment (parent-child attachment and phone attachment) and mental health.

Associate Professor WANG You

Areas of research: Psychological flexibility and mental health, short-term online and offline mental health intervention.

Associate Professor ZHOU Liang

Areas of research: DNA damage repair mechanism, toxicological mechanisms of occupational exposure induced.

Associate Professor ZHANG Zheqing

Areas of research: Maternal and child nutrition, nutrition and osteoporosis.

Associate Professor GU Jinbao

Areas of Research: Vector control.

Associate Professor SUN Suxia

Areas of research: Dietary factors and tumors.

Associate Professor ZHANG Guoxia

Areas of research: Bioaerosol and human health, intestinal microbiology.

Associate Professor ZHANG Ruibin

Areas of research: The role of executive function, especially inhibition in mental health, cognitive training intervention for (sub)clinical psychiatry disorder, the data analysis methodology for imaging data.

Associate Professor PENG Fei

Areas of research: Bumblebee higher-order cognitive ability and decision-making, computational modelling of the neural circuit in the bee brain.

Associate Professor ZHOU Zhengzheng

Areas of research: Pharmaceutical crystal chemistry, pharmacokinetics, health relevant with elements.

Associate Professor WU Weiliang

Areas of research: Food safety risk assessment, high throughput determination methods for food contaminants using chromatography-mass spectrometry, bio-functions and processing of local foods.

Lecturer DU Qingyun

Areas of research: Developmental and educational psychology, psychological counseling, psychological health.

Lecturer GUAN Ying

Areas of research: Biostatistics method, experimental design method, statistical method and its application in prevention system.

Associate Professor ZHA Longying

Areas of research: Phytochemicals and health, diet and chronic diseases prevention.

Associate Professor CHEN Jun

Areas of research: Public health management.

Associate Professor DU Hua

Areas of research: Public health education management, medical education research.

◇ Master of Public Health (Administration Division)

Professor CHEN Minsheng

Engaged in the innovation of university management and related research on the value of university humanistic education.

Professor WEN Mingang

Engaged in teaching management and the practice of higher medical education.

Professor GENG Renwen

Areas of research: Hospital strategic management and core competitiveness, management innovation of medical service quality.

Professor ZENG Qiyi

Areas of research: Hospital management, medical innovation and management.

Professor LI Wenyuan

Areas of research: Hospital management, health management.

Associate Professor LIAO Sizhao

Areas of research: Lean management of hospitals.

Professor WANG Dong

Areas of research: Public health policy evaluation, health measurement and evaluation.

Professor XU Dong

Areas of research: Primary health services and global health, with particular attention to chronic disease management, medical quality, and implementation science.

Professor LI Haiyan

Areas of research: Science and technology evaluation and management mechanism.

Professor GU Ping

Areas of research: Evidence-based management and utilization of document resources.

Professor CHEN Pingyan

Areas of research: Hospital management statistics, scale development and evaluation, statistical method of clinical tests, research on biostatistics method.

Researcher ZOU Liai

Areas of research: Hospital operation management, cost management, price management, performance and remuneration management.

Professor XU Jun

Areas of research: Studies on theories, methods and techniques of health assessment and health management.

Associate Professor GUAN Ying

Areas of research: Biostatistics method, experimental design method, statistical method and its application in prevention system.

Professor XIA Oudong

Areas of research: Higher medical education.

Professor YAO Weiguang

Areas of research: Community health services and chronic disease management.

Professor LV Qunrong

Areas of research: Civil and commercial law, health law, health service management.

Professor SUN Gang

Areas of research: Health policy and management.

Professor LI Bei

Areas of research: Health management and aging, quality of life assessment.

Professor ZHANG Yili

Areas of research: Public health policy and management, performance evaluation of health service.

Professor LI Naling

Areas of research: Health law, public health policy.

Lecturer XIONG Fang

Areas of research: Comparative literature and world literature, cross-culture study.

Associate Professor CHEN Jun

Areas of research: Public health management.

Associate Professor DU Hua

Areas of research: Public health education management, medical education research.

(2) Teaching Methods

Course teaching, practice and field study.

(3) Semesters Arrangement

Southern Medical University adopts two semesters in one academic year, and this program has four semesters. Course teaching will be arranged in the first and second semester, and by the end of second semester, students will be required to select a research topic under the guidance of the supervisor and make a thesis proposal. In the third semester, research is combined with practical investigation. Students are expected to complete their thesis and pass thesis defense in the fourth semester.

(4) Thesis

1) Thesis Requirements

Students need to make a thesis work plan under the guidance of their supervisor, in which detailed arrangements and instructions should be made for research methods, experimental scheme and methods, thesis writing, deadlines and expected results. Normally they need to complete thesis proposal in the second semester, submit formal thesis and participate in thesis defense at the beginning of the fourth semester.

2) Defense Requirements

Students must complete all the required courses and practice, and get through course assessments (including degree courses and non-degree courses) and submit the practice research report before the thesis defense application. The preliminary thesis is required to be reviewed by the supervisor before submission to the reviewers. The formal defense is only for the eligible applicants. Specific arrangement will be implemented by the School of Public Health and School of Health Service Management of Southern Medical University. Please refer to the Master's degree defense requirements of Southern Medical University for uncovered matters.

(5) Degrees

The master degree of Public Health will be conferred on students who had successfully completed the required credit courses and the master thesis, passed the thesis defense within the required time period and got approval from University Degree Committee.

II Application

1. Requirement

All applicants must meet the following admission requirements:

- (1) Applicants must be non-Chinese citizens from developing countries and aged below 45 (born after 1 September 1975);
- (2) Applicants must be physically and mentally healthy, can provide health certificate or physical examination form issued by the local public hospitals upon request and have no diseases prohibited by Chinese laws and regulations to enter or stay in China for a long time. Applicants with severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases, diabetes and cancer, etc., or with mental diseases or epidemic diseases that are likely to cause serious threat to public health, or in the process of recovering after a major operation or in the process of acute diseases, or seriously disabled, will be declined to attend this program. Pregnant women are not allowed to attend training in China. If they become pregnant while studying in China, they will be expelled from the school.
- (3) Applicants should have a bachelor degree recognized by Chinese Ministry of Education, and at least three years of working experience;
- (4) Applicants should have a medical related education or working background. Administrative personnel and professional public health talents from public health departments of developing countries, including health administrative departments, hospitals, disease control centers, community health organizations and inspection & quarantine organizations are preferred;
- (5) Applicants should serve as the senior administrators(charge a department or above), senior managers, academic backbones of the government departments, various institutions and enterprises, universities and scientific research institutions of their own countries;
- (6) Applicants should be proficient in English (Applicants whose mother tongue is non-English must have IELTS Academic (not less than 6.5, not less than 6.0 for each single item) and TOEFL (IBT not less than 90, not less than 20 for each single item) or other equivalent English test results. Applicants whose mother tongue is English or whose language is English in the learning stage of the highest degree may be exempted from the English test result certificate, but must submit the English teaching certificate issued by the graduate school) ;
- (7) Applicants should have the potential for career development, intend to promote friendly exchanges and cooperation between their own countries and China;

- (8) Students who have studied in China or have been admitted to other Chinese government scholarship programs are not allowed to apply.

2. Procedure

(1) Application for Admission

Applicants' current organization should send a recommendation to the Economic and Commercial Counselor's Office, Embassy of the People's Republic of China.

Upon approval, visit Southern Medical University International Student Service System at <https://fimmu.at0086.cn/Student>, upload the required materials, and complete the online application. "Financial Support" is scholarship of Chinese Ministry of Commerce. Failure to provide accurate materials as required shall be regarded as an invalid application. Please provide all paper application materials when registration.

(2) Application for Chinese Government Scholarship

Please visit the online application system of Chinese Scholarship Council at <http://laihua.csc.edu.cn>, and register for an account. Select the program "Chinese Government Scholarship", fill in all the required information, and an application form will come into being. Print out the form, sign your name and date, and then paste a photo on it. To complete the form successfully, please note the following information:

(a) The Scholarship type is "Type B"; Agency No. of Southern Medical University is 12121; Major is "Public Health";

(b) The CSC number generated in the table will be required for the Visa Application Form for Study in China (JW201).

(3) Materials

	Documents	Requirements	Original copy	Photocopy
1	SMU Application Form	Please visit https://fimmu.at0086.cn/Student , complete the online application, and print it out.	1	1
2	Chinese Government Scholarship Application Form	Please visit http://laihua.csc.edu.cn/ , fill in the application form, print it out, sign your name and date, and paste a photo on it.	1	1
3	Recommendation Letters	Two recommendation letters are required: one by a superior in the institution where the applicant works; the other by a professor who knows the applicant well.	1	1
4	Degrees	An original copy and a photocopy need to be prepared for each degree.	1	1
5	Official Transcripts	Transcripts must list all courses taken and all scores obtained.	1	1
6	Personal Statement	Personal statement must be written in English. It shall cover such essential elements as applicant's academic background, work experience, achievements, and future career plans, including a research plan at Southern Medical University.	1	1

7	CV	In English.	1	1
8	Photocopy of a Valid Passport	The passport must be a personal regular passport. All successful candidates must enter China and register with Southern Medical University using the same passport as used for applying for the program.	0	2
9	English Language Proficiency Test Results	Applicants who are not native English speakers or whose undergraduate education was not conducted in English shall provide TOEFL or IELTS test scores.	1	1
10	Photos	Two photos with white background in 2 inches	2	0
11	Physical Examination Form	The health form shall be issued within one month before the submission of application, showing that the applicant carries no infectious diseases which may have a serious impact on public health or fall into any of the health situations prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations.	1	1

(4) Submission

(a) Students can apply for the project only after they have been approved and recommended by the relevant government departments, and submit materials according to the specific requirements of the relevant departments in the country.

(b) If the government of the host country permits individual students to submit materials directly to Chinese embassies, students shall hold the permission certificates of study in China or recommendation letters approved by the host country, submit all the application materials listed in the above table in both hard copy and scanned copy, to the Economic and Commercial Counselor's Office of Chinese Embassy. Hard copy must include both the original copy and the photocopy, as indicated in the table. The address and contact information of the Economic and Commercial Counselor's Office can be found in the official website of the International Business Official Research Institute of Ministry of Commerce (English version), <http://www.china-aibo.cn/>.

(c) Relevant department of the host country shall submit a written request to the Economic and Commercial Counselor's Office of Chinese Embassy to ask for an official recommendation letter for the recommended students and clearly state:

- a) Whether the applicant is willing to be considered for a similar program at other universities if the programs at MPH are already full;
- b) Other special requests if any.

Reminders:

(a) All the documents to be submitted should be in Chinese or English. Otherwise, a notarized copy in Chinese or English is required.

(b) An original copy of degrees, transcripts and language certificates must be presented for on-site verification. After the verification by staffs of the Economic and Commercial Counselor's Office, the applicant should send the scanned application materials to the admission contact person of the university.

(c) Applicants will get back all the hardcopy materials, both original copies and photocopies from the Economic and Commercial Counselor's Office. If admitted, they must take the documents to China and submit them to the Institute of the university during registration in early September.

3. Deadline

The application deadline is April 30, 2021.

III Important Notes

1. Contacts

Contact person: Wendy Liu, Wade Zhou, Erica Wang

Tel: 0086-20-61648357; 0086-20-61648353; 0086-20-61648390

Fax: 0086-20-61648354

E-mail: smuywpx@163.com

Website: <http://istudy.smu.edu.cn/>

Address: School of International Education, Southern Medical University,
NO.1023, South Shatai Road, Guangzhou, Guangdong Province, 510515, P. R. China

2. Notes

- (1) None of the materials submitted to the Southern Medical University will be returned.
- (2) No explanation will be made regarding admission results.
- (3) No spouses or children are allowed to come to China to accompany the students. If a student expects to have his/her spouse, children, relatives or friends to visit him/her during the stay in China, the visitor will have to bear all the expenses by him/herself.
- (4) Other necessary documents and requirements for visa processing will be included in the Admission letters.



**School of International Education
of Southern Medical University**

Address: No.1023, South Shatai Road, Guangzhou,
Guangdong Province, China.

Postal Code: 510515

Tel: 0086-20-6164 8357, 6164 8353, 6164 8390

Fax: 0086-20-6164 8354

E-mail: smuywpx@163.com

Website: <http://istudy.smu.edu.cn/>

