Introduction to the School of Medicine (School of Health Management)

School of Medicine (School of Health Management) is formerly known as Zhejiang Medical University Hangzhou Branch (the history of nursing education may be traced back to 1917). The school sets up 8 departments, 7 scientific research institutions, and owns 1 directly affiliated hospital, 9 non-directly affiliated hospitals and more than 70 teaching practice bases. It has entered the international first tier in the field of “Preventive Treatment of Diseases”, “Anti-aging”, “Vegetable State”, etc.

School of Medicine is the largest school of HNU as well as the one with the most potential and fastest-developing schools, which has the qualification of enrolling doctoral candidates and postgraduates. It owns “Preventive Treatment of Diseases and Health Management”, a PhD cultivation program to meet the special needs of the country, and four master degree programs for first-class disciplines, i.e. Nursing, Public Administration, Public Health and Preventive Medicine, and Clinical Medicine, and 5 professional master degree programs, i.e. Clinical Medicine, Stomatology, Pharmacy, Public Health and Preventive Medicine, and Nursing. The school has established cooperation and communication with plenty of institutes in more than 10 countries. Every year, it selects and assigns outstanding undergraduates to study and exchange in well known domestic and overseas colleges and universities, and undertakes education of international students from more than 10 countries.

At present, the school has more than 3,500 students, with about 300 teachers. 54% of the full-time teachers hold senior professional titles and 60% hold doctoral degrees. The college now has 1 sharing academician, 2 winners of National Outstanding Youth Fund, 1 expert supported by National Thousand Youth Program, 2 people selected by National New Century Millions-of-talents Program, 1 chief scientist for National Major Research Program of Academy of Science.

The school has 7 undergraduate majors, i.e. Clinical Medicine, Preventive Medicine, Stomatology, Nursing, Public Service Administration (Health Service Management Direction), Public Service Administration (Health Management Direction) and Pharmacy, of which, the Clinical Medicine is a provincial key major, Public Service Administration is a provincial key construction major and advantageous major, Nursing is a provincial characteristic major, and Pharmacy is a municipal key specialty. The school has built 2 provincial-level experimental teaching demonstration centers (Basic Medicine, Nursing) and 6 provincial excellent courses, 1 key discipline of State Administration of Traditional Chinese Medicine (Preventive Treatment of Diseases and Health Management), 1 Zhejiang first-class discipline (Category A) (Public Administration) and 1 Zhejiang first-class discipline (Category B) (Nursing). The ESI ranking of Clinical Medicine discipline is among the world’s top 1%.

The target of the school is to build “a college with the best academic atmosphere”. The pass rate of Clinical Medicine and Stomatology students who attend the National Qualification Examination for Medical Practitioners is remarkably higher than the national average, ranking among the first tier in China.

Infrastructure of Hangzhou Normal University’s Wenzhou Road Campus

Introduction to the Clinical Medicine Major

1 | History of the Major

Clinical medicine major was founded in 1978. Through 40 years of construction and development, it has become the provincial key major, with enrollment qualification of undergraduate students for 5-year programs (including international students), and postgraduate students for professional master degree programs (including international students), as well as postgraduate students for master degree programs in first-level disciplines. By the end of 2016, the major has enrolled nearly 10,000 junior college students, undergraduate students and postgraduate students. Among them, about 7,000 students have graduated from the school. Students are from 23 provinces and cities (autonomous regions) all over the country. In 2007, Clinical Medicine major passed the undergraduate teaching level evaluation by the Ministry of Education; in 2013, it obtained the undergraduate major certification by the Ministry of Education; in 2017, the discipline entered top 1% on the Global ESI List. At present, the Clinical Medicine major plays an important role in Hangzhou Normal University in many aspects, such as enrollment scale, cultivation quality, scientific research and social service.

2 | Features of the Major

Implement the new model of medical education on early exposure to clinical practice, scientific research and social practice by highlighting specialized module course teaching, enhancing clinical skill training, integrating medical humanistic education and strengthening cultivation of students’ innovation ability. Cultivate high-quality application-oriented medical talents who: “have solid theoretical foundation, strong professional skills, and high humanistic & professional quality, and own certain innovative awareness”.

3 | Talent Cultivation

At present, there is 1 postdoctoral workstation, 3 provincial key disciplines, 6 municipal key disciplines, 3 provincial key laboratories, 3 municipal key laboratories, 6 university-level teaching experiment platforms, 5 provincial excellent courses and 8 municipal excellent courses, as well as 14 teaching research offices (containing internal medicine), 1 clinical skill center, 1 directly affiliated 3A-grade hospital, 7 non-directly affiliated hospitals and 30 teaching hospitals. Students from the major have participated in the Zhejiang Medical Science Competition for College Students for seven times to date, and their competition results are among the best: in the National Clinical Skill Competition for Medical Colleges & Universities (East China Region), students from the major won 2 second prizes and 1 third prize. The average employment rate of the graduates is 98.34%, and the average contract signing rate is 94.34%. Over 97% students are engaged in the work which is matched with the major. The major is based on Hangzhou, serves Zhejiang and moves towards the whole country, specialized in cultivating high-quality application-oriented medical talents who have solid theoretical foundation, good comprehensive quality and strong clinical practical skills, and own certain scientific research ability.
1 Cultivation Objectives

According to the cultivation objective for undergraduate students of clinical medicine in China, cultivate high-quality application-oriented talents who systematically grasp basic theories of medicine and fundamental skills in clinical practice, with excellent professional quality of medicine, able to be engaged in safe and effective medical practice.

2 Cultivation Criterion

1. Basic Requirements
   (1) Love the medical career, with the spirit of dedication to public health services, as well as good professional ethics.
   (2) Have a certain social & humanistic knowledge, systematic natural science foundation, and proficient professional skills.
   (3) Grasp the scientific thinking method and own the ability of lifelong learning.
   (4) Preliminarily master the basic knowledge of Chinese and understand the culture of China.

2. Professional Requirements
   (1) Master the fundamental knowledge, elementary theory and essential skills of basic medicine and clinical medicine.
   (2) Have the knowledge and skills to communicate with patients and their families.
   (3) Own the thinking ability on analysis and judgment based on evidence and experience.
   (4) Have an ability to carry out primary treatment for acute, difficult and severe diseases.
   (5) Grasp the basic methods of medical literature retrieval and data query, as well as the basic methods of computer application and statistical analysis.
   (6) Launch the medical practice according to the law, and follow medical ethics and professional ethics.
   (7) Have good teamwork spirit.

3 Cultivation Features

1. Take Undergraduate Medical Education Standards - Clinical Medicine of our country as a guide, to optimize the talent cultivation program; in the aspect of curriculum system and curriculum provision, fully embody the talent cultivation features on strengthening the foundation, fostering the capacity, and laying emphasis on the quality and development of personality; make great efforts to reach the international level, so that students can successfully pass the corresponding national practicing qualification examination.

2. Follow the laws of clinical medicine, attach importance to combining theory with practice, set up integrated courses of clinical skills, implement the objective structured clinical examination (OSCE), and strengthen the clinical practice ability training. Adopt many teaching methods like LBL, PBL, TBL and CBL, and focus on fostering students’ lifelong independent learning, clinical thinking and critical thinking, as well as abilities to independently analyze and solve the problems.

4 Core Courses

Diagnostics, Medical Imageology, Epidemiology, Internal Medicine, Gynecology & Obstetrics, Surgery, Stomatology, Pediatrics, Oncology, Otolaryngology, Emergency Medicine, Psychiatry, Infectious Diseases, Dermatology, Ophthalmology, and Neurology.

5 Length of Schooling, Academic Degree and Credit Requirements

1. Length of schooling: The length of schooling is 5 years. Graduation may be delayed by 2 years at most.

2. Credit requirements of the major: 217

3. Academic degree: The students majoring in Clinical Medicine are allowed to graduate from the school only after completing all compulsory courses and optional courses specified in the teaching program, passing the examinations, and obtaining the certificate of HSK4. They will be awarded the Bachelor Degree in Medicine according to Regulations of the People’s Republic of China on Academic Degrees and Regulations of Hangzhou Normal University on Degree Awarding.
临床医学专业简介

临床医学专业始建于1978年，历经40年的建设与发展，现已建设成为省重点专业，现有5年制本科生（含国际生），专业学位研究生（含国际生）和一批硕博士研究生在读生。截止2021年底共有在校生2000余名，已毕业7000余名。

临床医学专业特色

1. 专业特色

通过突出专业课程教学，强化临床技能培训。结合临床及人文素养教育。加强学生创新能力培养等手段，实施早期接触临床、早期接触实习的社会实践活动的医学教育新模式。培养“基础理论扎实、专业技能强、人文素养和职业道德高，具有创新意识”的高素质应用型医学人才。

2. 人才培养

现有博士后工作站1个，省重点学科1个，省硕士学位学科1个，省重点实验室3个，校级教学实验平台6个，省级精品课程5门，精品课程课程8门，国家级精品课程2门，校级精品课程3门，校级教学实验平台6个，省级精品课程5门。设有内科、外科等11个教研室和一个临床技能培训中心。拥有国家卫生计生委临床实践基地。

3. 培养目标

按照国家临床医学专业本科生的培养目标为基本要求，培养系统掌握医学基础理论和临床基本技能，并具有良好道德职业素养、能够从事临床医疗工作的高素质应用型人才。

临床医学专业培养方案

1. 培养目标

2. 专业特色

3. 培养特色

4. 专业核心课程

5. 修业年限、学位及学分要求
1 Introduction to the Nursing Major

Hangzhou Normal University is one of the oldest universities which set up specialized nursing education. The school-running history may be traced back to Zhejiang Guangji nursing School, established in 1917. Hangzhou Normal University has successively undertaken China nursing education reform program of the World Health Organization (WHO), and nursing development teacher training program of the United Nations Development Programme (UNDP).

The nursing major began enrolling full-time undergraduate students in 2003, obtained the master degree awarding right in 2006, and began the full-time nursing education for undergraduate international students in 2016. At present, there are over 500 full-time undergraduate students, about 30 full-time postgraduate students, and more than 30 full-time undergraduate international students from 6 countries, such as USA, Zambia and Nigeria.

For over one hundred years, the nursing major has followed the mission of cultivating high-quality nursing personnel. Outstanding alumni are distributed all over the country. Excellent graduates include Zhang Shuhua as the winner of the International Nightingale Award, and Yu Yue, the healthcare nurse of the central head, at the Caring Ceremony of International Nurse Day at WHO.

Excellent alumni pass nurse cap to the international undergraduates.

Zhang Shuhua, the winner of the International Nightingale Award, and Yu Yue, the healthcare nurse of the central head, at the Caring Ceremony of International Nurse Day at WHO.

1) Major Features

Nursing major is Zhejiang Featured Major and Zhejiang Key Discipline, as well as the Top Discipline (Class B). Having the provincial experimental teaching demonstration center, provincial community nurse training center, provincial elderly service & management education training center, provincial elderly nursing personnel training center, provincial nursing talent cultivation base, and other student cultivation platforms.

- 1998, the Nursing Education(Undergraduate) started
- 2004, an Institution Affiliated with the Zhejiang Community Nurse Training Center was established
- 2006, the Institution was authorized to Confer Master Degrees
- 2009, Zhejiang Elderly Nursing Intern Center was established
- 2012, the Institution was entitled the ” Zhejiang Provincial Key Discipline”
- 2015 the Institution was entitled the ”Zhejiang Provincial Top Discipline”
- 2016, the Full-time Nursing Program for International Students Started
- 2017, the Institution won the Title of “Zhejiang Provincial Major with Characteristics”
- 2018, the Institution was Authorized to Confer Master Degrees by the Ministry of Education

(2) Faculty Team
At present, the nursing major has an internationalized faculty team with international educational background and reasonable structure. Among full-time teachers, more than 50% teachers obtained the senior professional title, over 50% teachers gained the doctor degree, above 95% have about 10 years of work experience, and nearly 80% teachers possess the overseas study or visiting experience in the USA, UK, Canada, Australia and Korea. Besides the full-time faculty team, the nursing major sets up a part-time teacher team with abundant practical experience and bachelor degree or above in famous hospitals of Zhejiang. Depending on the international exchange platform, nursing major also invites a stable foreign teacher team to participate in the classroom teaching for undergraduate students.

(3) International Cooperation
Nursing major proactively constructs the nursing talent cultivation model conforming to the international standard, to promote the international nursing teaching reform, and cultivate the global vision and international exchange ability of teachers and students of nursing major. At present, it has established the academic exchange relationship with some countries like UK, USA, Australia, Germany, Belgium, and Korea, as well as Taiwan and Hong Kong, and launched the exchange program for undergraduate students with University of Edinburgh (UK), Boise University (USA), Johns Hopkins University (USA), Edith Cowan University (Australia), Paulun Nursing College (Germany), and Vives University (Belgium). The exchange program for undergraduate students launched with the University of Edinburgh (UK) is approved to be the excellent exchange program for undergraduate students supported by the national foundation for overseas study.
1 | 卫生部专业简介

杭州师范大学是国内最早开设护理学专业多年的一个学院。学院历史可追溯至1917年的浙江广济护士学园。学院先后承担世界卫生组织（WHO）的中国护理教育改革项目和联合国开发计划（UNDP）的护理发展师资培训项目。

护理学专业于2003年开始全日制本科护理教育，2006年获批硕士学位授予权，2016年开始全日制本科国际生护理教育。现有500多名全日制本科生、300多名全日制在读研究生，以及30多名来自美国、英国、日本和瑞典等6个国家全日制本科生在读国际生。

多年来，护理学专业始终以培养高质量的护理人才为使命，优秀校友遍布全国各地。毕业生中有国际南丁格尔奖获得者张永华，中华护理学会名誉会长吴延超。目前有数百名校友在浙江特别是杭州各大医院任护理部主任，护士长等重要职位，为“健康杭州”、“健康浙江”乃至“健康中国”贡献力量。

2 | 养生方案

2.1 | 养生方案

(1) 养生目标

培养掌握护理基本理论、基本知识和基本技能的高素质护理人才。能够从事临床护理、社区护理、家庭护理、老年护理、康复护理等工作。

(2) 养生课程

基础护理学、内科护理学、外科护理学、妇产科护理学、儿科学、急救护理学、社区护理学、老年护理学、康复护理学。

(3) 养生条件

1. 人体形态学、生理学、药理学、生物化学、病理学、预防医学、护理学概论等。
2. 普通心理学、医学伦理学等。
3. 医学心理学、医学社会学、医学伦理学、医学法学等。

2.2 | 养生条件

1. 具有良好的思想品德和职业道德，热爱护理事业。
2. 具有较好的身体素质和心理素质，能够胜任护理工作。
3. 具备一定的自学能力，能够完成自学任务。
4. 具备一定的独立思考能力和创新能力，能够提出新的护理方案。

2.3 | 养生条件

1. 需要具备一定的计算机应用能力，能够熟练使用护理信息系统。
2. 需要具备一定的沟通能力，能够与患者、家属、医生等进行有效沟通。
3. 需要具备一定的护理科研能力，能够参与护理科研工作。
4. 需要具备一定的护理教育能力，能够参与护理教育工作。

2.4 | 养生条件

1. 具备良好的职业道德和职业素养，具有敬业精神和奉献精神。
2. 具备良好的团队协作精神和人际沟通能力。
3. 具备较高的专业技术和临床实践能力。
4. 具备较强的自我管理能力和自我调节能力。

2.5 | 养生条件

1. 需要具备一定的医学知识和护理知识，能够掌握护理基本理论和基本技能。
2. 需要具备一定的护理实践能力，能够独立完成护理工作。
3. 需要具备一定的护理管理能力，能够参与护理管理工作。
4. 需要具备一定的护理教育能力，能够参与护理教育工作。
3 师资队伍

护理学专业目前拥有具有国际教育背景和丰富实践经验的国际化师资队伍。全院教师中，超过30%的教师具有博士学位，超过50%的教师具有高级职称，超过50%的教师拥有讲师学位。50%的教师在国际交流中担任过学者。超过50%的教师拥有在英国、美国、加拿大、澳大利亚、德国、荷兰等国家或地区留学或访学的经验。除了兼职教师队伍，护理专业还聘请了国际知名医院中具有丰富临床经验的外籍教师参与本科生课堂教学。

4 国际合作

护理学专业积极构建国际化的护理人才培养模式，推行国际化合作办学模式，培养护理师的全球视野和国际交流能力。目前已与英国、美国、澳大利亚、德国、比利时、韩国等国家以及台湾和香港地区建立了学术交流关系，并与美国爱丁堡大学、美国波士顿大学、美国普林斯顿大学、澳大利亚昆士兰大学、德国慕尼黑大学、比利时比弗大学等开展了本科生交流项目。其中，与英国爱丁堡大学开展的本科生交流项目，于2018年成功成为国家留学基金委资助的优秀本科生交流项目。

5 护理学专业培养方案（国际生）

（1）培养目标

培养具有护理学、心理学、社会学、公共管理学等多学科知识的高层次护理人才，培养具有良好的沟通能力、协作能力、创新能力的护理人才。

（2）专业核心课程

解剖学、生理学、药理学、病理学、护理学导论、护理学基础、高级护理学、儿科护理学、精神护理学、康复护理学。

（3）学制、学位及学分要求

1）学制：实行弹性学制，本科基本学制为4年，最长不超过6年。
2）授予学位：理学学士学位。
3）本专业毕业最低学分要求：120分。
4）通过中国汉语水平考试（HSK）四级考试：最低380分。