

护理学专业本科专业培养计划 (五年制留学生班)

Undergraduate Program for Specialty in Nursing (5-year Schooling, Foreign Student)

一、培养目标

I. Program Objectives

This program aims at cultivating elementary nurses of high quality that guarantees that they can engage in the nursing practice with effectiveness and security after graduation under the guidance of senior nurses and that they have proper foundation to go on study all their lives and make advanced study in a certain discipline field of nursing science.

二、基本规格要求

II. Learning Outcomes

Students of this specialty should master basic theory, basic knowledge and basic skills of nursing and possess the good thought, morals and job attitude so as to lay a firm foundation for the continued education after graduation.

Graduates should acquire the following morals, knowledge and abilities:

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Attitude Requirements

1. Establish scientific outlook on world, life and values, have the spirit of patriotism, humanitarianism and collectivism and wish to contribute to the development of nursing science.

2. Establish the idea of caring about patients, respect patients' personality, protect patients' privacy; adhere to the prevention of diseases and alleviation of patients' sufferings as your own duty, and realize the ethical responsibility of providing end-of-life care.

3. Fully realize the importance of communications between nurses and patients and communicate with patients and their family members actively so as to make them fully understand and cooperate with making and implementing of the nursing plan.

4. Establish the cost-effective idea, pay attention to selecting nursing plan rationally, apply correctly the principle of a fair and effective distribution and rational use of the limited resources, and fully utilize the available resources to attain the greatest benefit of rehabilitation.

5. Establish the idea of studying throughout one's life and fully realize the importance of unceasing self-perfection and continued education.

6. Establish the idea of medical ethics, respect personal faith, respect everyone, and have a good understanding of his background of human culture as well as the culture value.

7. Establish scientific attitude of seeking truth from facts; when meeting with nursing activities that go beyond one's own professional ability or that one cannot manage effectively and safely, seek the help of other nurses voluntarily.

8. Regard health interests of patients and the community as your own professional responsibility all the time.

9. Establish the initiative spirit and spirit of daring to doubt and of daring to analyze and criticize, have the ideology of wishing to make contributions to the formation of new knowledge and to the discovery of new skills.

10. Respect colleagues and establish team spirit.

11. Establish the idea of practicing medicine in accordance with the law and learn how to protect the patients and also your own rights and interests by using the law.

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Knowledge Requirements

1. Grasp the basic knowledge and scientific methods of bioscience, behavior science and social science, and use them for guiding further study and nursing practice in the future.
2. Master the normal structure, function and psychological condition of the human body at different stages of life.
3. Grasp various kinds of pathogenic factors of common diseases, frequently-occurring diseases (include mental diseases) at different stages of the human body, realize the influence of environmental factors, social factors and behavior psychological factors on the formation and development of diseases, and realize the importance of disease prevention.
4. Grasp basic principles and techniques of nursing for common diseases, frequently-occurring diseases as well as acute, intractable, and severe disorders of the human body at different stages of life; possess skills of specialized care and intensive care.
5. Obtain the basic knowledge of pharmacology and principles of rational clinical use of drugs.
6. Grasp basic theories, procedure, methods and skills of the nursing in community.
7. Grasp the principles for health education, disease prevention and screening and possess the relevant knowledge of alleviating illnesses and disability and of promoting rehabilitation and hospice nursing.
8. Get acquainted with the relevant knowledge and methods of clinical epidemiology.
9. Grasp the principles of diagnosis and first aid for emergency cases.
10. Get acquainted with the basic laws for occurrence, development and spread of infectious diseases and grasp the principles for prevention and treatment of common infectious diseases.
11. Understand the basic characteristics of traditional Chinese medicine, establish the integrated conception and understand the dialectical theory of Chinese medicine.

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Skills Requirements

1. Have the ability in gathering nursing history completely, systemically and correctly; and have the ability in writing nursing history normatively and in observing the changes of the patient's conditions.
2. Have good clinical thinking and ability to express.
3. Grasp nursing routine and skills for the common diseases in internal medicine, surgery, gynecology, and pediatrics.
4. Have the ability in first-aid and management for emergency cases.

5. Have the ability in choosing and using the suitable health-evaluation skills according to concrete conditions and in choosing the most suitable, economical and ethical nursing methods.

6. Have the ability in applying the principles of evidence-based medicine to carrying out nursing practice and perfecting nursing methods.

7. Have the ability to communicate with colleagues, patients and their family members effectively and to arouse their cooperation.

8. Have the ability in making full use of various kinds of information resources and information technology to keep on study and research independently.

9. Have the ability in carrying out publicity and education to patients and the public about healthy life style, prevention of diseases, etc.

10. Have preliminary ability in nursing management, teaching and research.

11. Have the ability to hear, speak, read, write and translate the specialized English at relatively higher level.

三、培养特色

III. Program Highlights

This program integrates the knowledge of humanities information and computer science with that of nursing so as to cultivate elementary nurses of high quality and with ability to hear, speak, read, write and translate specialized English at relatively higher level.

四、主干学科

IV. Major Disciplines

Preclinical Medicine

Clinical Medicine

Nursing

五、学制与学位

V. Program Length and Degree

Duration: 5 years

Degrees Conferred: Bachelor of Science

六、学时与学分

VI. Credits Hours and Units

183

Minimum Credits of Curricular1(Comprising course system and intensified internship practical training) 183credits.

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Course Credits Hours and Units

课程类别	课程性质	学时/学分	占课程体系学分比例 (%)
		952/59.5	32.52
		936/50.5	27.59
		320/17.5	9.56
		608/34	18.58
		43w/21.5	11.75
		2816+43w/183	100

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Course Type		Required/Elective	Hrs/Crs	Percentage(%)
Essential-qualities-oriented Education General Courses		Required	952/59.5	32.52
Discipline-related Courses	Discipline-related General Courses	Required	936/50	27.59
	Basic Sub-disciplinary Courses	Required	320/17.5	9.56
Major-specific Courses	Major-specific Core Courses	Required	608/34	18.58
Practicum	Practicum	Required	43/21.5	11.75
Total			2816+43w/183	100

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Practicum Credits

实践教学环节名称	课程性质	周数/学分	占实践教学环节学分比例 (%)
		39 /19.5	90.8
		1 / 0.5	2.3
		1 / 0.5	2.3
		1 / 0.5	2.3
		1 / 0.5	2.3
		43/21.5	100

Internship & Practical Training	Required/Elective	Weeks/Credits	Percentage
Clinical Intern	Required	39 /19.5	90.8
Nursing Skills Training	Required	1 / 0.5	2.3
Graduation Examination	Required	1 / 0.5	2.3
Graduation Education	Required	1 / 0.5	2.3
Admission Education	Required	1 / 0.5	2.3
Total		43/21.5	100

七、主要课程

VII. Main Courses

Systemic Anatomy Pathogen Biology Physiology
 Biochemistry and Molecular Biology Pathology Pharmacology
 Fundamentals of Nursing Medical Nursing Surgical Nursing
 Gynecological & Obstetrical Nursing Pediatric Nursing
 Gerontological Nursing Community Nursing Dermatological and
 Venereal Nursing Mental Health Nursing.

八、主要实践教学环节（含专业实验）

VIII. Practicum Module experiments included

Clinical Intern Nursing Skills Training

九、教学进程计划表

IX. Course Schedule

院(系): 同济医学院

专业: 护理学(五年制英语班)

School(Department): Tongji Medical college

Specialty: Nursing(5-year's schooling English class)

课程类别 course type	课程性质 required/ elective	课程代码 course code	课程名称 course name	学时 hrs	学分 crs	其中 Including				设置学期 semester
						大课 lecture	小课 tutorial	实验/ 实践 exp/prac	课外 extra	
Essential-qualities-oriented Education General Courses	Required	CHI0081	Elementary Chinese ()	136	8.5	136				1
	Required	CHI0221	Elementary Chinese Reading ()	48	3	48				1
	Required	CHI0091	Elementary Chinese Listening ()	48	3	48				1
	Required	CHI0211	Elementary Spoken Chinese ()	48	3	48				1
	Required	CHI0111	Elementary Chinese ()	80	5	80				2
	Required	CHI0101	Elementary Chinese ()	48	3	48				2
	Required	CHI0161	Medical Chinese ()	64	4	64				2
	Required	CHI0121	Intermediate Chinese ()	80	5	80				3
	Required	CHI0171	Medical Chinese ()	32	2	32				3
	Required	CHI0131	Intermediate Chinese ()	64	4	64				4
	Required	SIE0011	Survey of China	32	2	32				3
	Required	NCC0031	Computer Network & Application	32	2	24		8		2
	Required	CHI0181	Medical Chinese ()	32	2	32				4
	Required	CHI0141	Intermediate Chinese ()	64	4	64				5
	Required	CHI0191	Medical Chinese ()	32	2	32				5
	Required	CHI0151	Intermediate Chinese ()	64	4	64				6
	Required	SIE0001	International Student's Orientation	16	1	16				1
	Required	CHI0201	HSK HSK Training	32	2	32				6
Required	CHE0711	Fundamental Chemistry ()	88	5.5	50	2	38		1	

续表

课程类别 course type	课程性质 required/ elective	课程代码 course code	课程名称 course name	学时 hrs	学分 crs	其中 Including				设置学期 semester
						大课 lecture	小课 tutorial	实验/ 实践 exp/prac	课外 extra	
Discipline-related General Courses	Required	CHE0821	Organic Chemistry ()	96	6	52	2	44		2
	Required	BIO0781	Cell Biology	48	3	32		16		2
	Required	BMS0514	Systematic Anatomy	96	4.5	48		48		3
	Required	BMS0563	Histology and Embryology	56	2.5	32		24		3
	Required	BMS0741	Physiology	72	4	60		12		4
	Required	BMS0832	Medical Genetics	32	1.5	22		10		4
	Required	BMS0594	Biochemistry and Molecular Biology	88	5	70		18		4
	Required	BMS0553	Pathogen Biology	72	3.5	48		24		5
	Required	BMS0542	Pathology	72	3	36		36		5
	Required	BMS0531	Pathophysiology	56	3.5	48	6		2	5
	Required	BMS0581	Pharmacology	80	4.5	52	28			6
	Required	BMS0802	Medical Immunology	48	2.5	32	4	12		4
	Required	BMS0683	2 Functional Experiments 2	16	0.5			16		6
Required	BIO0841	Introduction to Life Sciences	16	1	16				1	
Basic Subdisciplinary Courses	Required	NUR0541	Introduction to Nursing	24	1.5	24				3
	Required	PUH0602	Preventive Medicine	72	4.5	72				5
	Required	NUR0551	Fundamentals of Nursing	104	5	52		52		5
	Required	NUR0561	Fundamentals of Nursing	72	3.5	36		36		6
	Required	NUR0521	Nursing Education	24	1.5	24				8
	Required	NUR0531	Nursing Research	24	1.5	24				7
Required	NUR2081	Medical Nursing	144	8	114		30		7	

续表

课程类别 course type	课程性质 required/ elective	课程代码 course code	课程名称 course name	学时 hrs	学分 crs	其中 Including				设置学期 semester
						大课 lecture	小课 tutorial	实验/ 实践 exp/prac	课外 extra	
Major-specific Core Courses	Required	NUR2021	Pediatric Nursing	72	4	54		18		7
	Required	NUR2011	Infectious Diseases Nursing	24	1.5	24				7
	Required	NUR2121	Nursing of Five Eye, Ear, Nose, and Throat	24	1.5	18		6		7
	Required	NUR2051	Mental Health Nursing	24	1.5	20		4		7
	Required	NUR2111	Surgical Nursing	144	7.5	104		40		8
	Required	NUR2031	Gynecological & Obstetrical Nursing	72	4	54		18		8
	Required	NUR2101	Community Nursing	24	1.5	16		8		8
	Required	NUR2041	Emergency Nursing	32	1.5	22		10		7
	Required	NUR2071	Gerontological Nursing	24	1.5	21		3		8
	Required	NUR2091	Dermatological and Venereal Nursing	24	1.5	22			2	7
practical training items	Required	NUR3591	# Medical Nursing Intern	12w	6			12w		9-10
	Required	NUR3611	# Surgical Nursing Intern	12w	6			12w		9-10
	Required	NUR3551	# Gynecological & Obstetrical Nursing Intern	6w	3			6w		9-10
	Required	NUR3541	# Pediatric Nursing Intern	6w	3			6w		9-10
	Required	NUR3601	# Community Nursing Intern	1w	0.5			1w		10
	Required	NUR3581	# Mental Health Nursing Extern	2w	1			2w		7
	Required	NUR3561	Nursing skills Training	1w	0.5			1w		8
	Required	NUR3531	Graduation Examination	1w	0.5			1w		10
	Required	NUR3511	Admission Education	1w	0.5			1w		1
	Required	NUR3521	Graduation Education	1w	0.5			1w		10

十、说明

X. Explanations

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Every course should carefully select and renew teaching content and improve teaching methods; strengthen the training of basic theory, basic knowledge and basic skills; enhance the cultivation of self-study ability, practice ability, foreign language and computer application ability, and preliminary ability in scientific research; pay attention to an early contact with clinic, the infiltration between basis and clinic and the concept of prevention first; lay stress on the imparting of knowledge of liberal arts and science, broaden students' range of specialty and knowledge; improve psychological quality and medical ethics; pay attention to interpersonal communication and promote social adaptation.

In the curriculum reform, particular attention should be given to the following ways: morphological courses should reduce theoretical teaching and increase experiments, functional courses should reduce testifying experiments and increase comprehensive experiments, improving the students' ability of doing by themselves; clinical courses should reduce theoretical teaching and increase bed-side teaching so as to adapt the tendency of reform and development of medical education abroad and at home.

1. Teaching content is passed on both in class and outside class. Forms of in-class teaching consist of big class, small class (discussion, case analysis, etc.), experiments, extern, intern and so on; outside-class teaching indicates that students learn the teaching content of the syllabus by way of automatic study outside class, social practice and other forms (not including students' regular reviewing of their lessons).

2. Research ability training: Ability training for scientific research should be carried out through all links in the teaching process. In the 3rd-8th semesters, students studying with remaining strength are encouraged to take part in research activities outside class. In conjunction with preventive medicine social practice (community practice) and holiday social practice, training in research work can be carried out.

十一、基准学期进程安排表

XI. Arrangements for Each Semester

1 ST Semester						2 nd Semester								
Elementary Chinese ()	136				136	8.5	Elementary Chinese ()	80				80	5.0	
Introduction to life Sciences	16				16	1.0	Elementary Chinese ()	48				48	3.0	
Elementary Chinese Reading ()	48				48	3.0	Medical Chinese ()	64				64	4.0	
Elementary Chinese Listening ()	48				48	3.0	Organic Chemistry ()	52		44		96	6.0	
Elementary Spoken Chinese ()	48				48	3.0	Cell Biology	32		16		48	3.0	
Admission Education			1w		1w	0.5	Computer Network & Application	24		8		32	2.0	
Fundamental Chemistry()	50		38		88	5.5								
International Student's Orientation	16				16	1.0								
Toal	362		38		400	25.5	2	Toal	300		68		368	23
3 rd Semester						4 th Semester								
Intermediate Chinese ()	80				80	5.0	Intermediate Chinese ()	64				64	4.0	
Medical Chinese ()	32				32	2.0	Medical Chinese ()	32				32	2.0	
Systematic Anatomy	482		48		96	4.5	Physiology	60		12		72	4	
Histology and Embryology	322		24		56	2.5	Biochemistry and Molecular Biology	70		18		88	5	
Introduction to Nursing	242	2	2		24	1.5								
Survey of China	32				32	2.0								
Medical Immunology	32	4	12		48	2.5								
Medical Genetics	22		10		32	1.5								
Toal	302	4	94		400	21.5	Toal	226		30		256	15	

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5 th Semester							6 th Semester						
Intermediate Chinese ()	64				64	4.0	Intermediate Chinese ()	64				64	4.0
Medical Chinese ()	32				32	2.0	HSK HSK Training	32				32	2.0
Pathology	36		36		72	3	Nursing Research	24				24	1.5
Pathophysiology	48	6		2	56	3.5	Functional Experiments 2 (			16		16	0.5
Pathogen Biology	48		24		72	3.5	Fundamentals of Nursing [[	36		36		72	3.5
Preventive Medicine	72				72	4.5							
Fundamentals of Nursing [	52		52		104	5							
Pharmacology	52	28			80	4.5							
Toal	404	34	112	2	552	30	Toal	156		52		208	11.5
7 th Semester							8 th Semester						
Medical Nursing	114		30		144	8	Surgical Nursing	104		40		144	7.5
Emergency Nursing	22		10		32	1.5	Gynecological & Obstetrical Nursing	54		18		72	4
Infectious Diseases Nursing	24				24	1.5							
Pediatric Nursing	54		18		72	4	Community Nursing	16		8		24	1.5
Nursing of Five Eye, Ear, Nose, and Throat	18		6		24	1.5	Gerontological Nursing	21		3		24	1.5
Mental Health Nursing	20		4		24	1.5	Nursing Education	24	2	2		24	1.5
Dermatological and Venereal Nursing	22			2	24	1.5	Nursing Skills Training			1 w		1 w	0.5
Mental Health Nursing Extern			2w		2w	1.0							
Toal	274		68/ 2w	2	344/ 2 w	20.5	Toal	219		69/ 1w		288/ 1 w	16.5

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9 th Semester 10 th Semester			
Medical Nursing Intern	12w	6.0	
Surgical Nursing Intern	12w	6.0	
Gynecological & Obstetrical Nursing Intern	6w	3.0	
Pediatric Nursing Intern	6w	3.0	
Community Nursing Intern	1w	0.5	
Graduation examination	1w	0.5	
Graduation education	1w	0.5	
Toal	39w	19.5	2