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Clinical Medicine (Five-year Schooling) Major 2020 Undergraduate Talent Training Program

. Basic Information

Discipline: Medicine Major Code: 100201K
Degrees Conferred: Bachelor of Medicine Duration: Five years
Requirements for Graduation Credits: 238 credits

. Educational Objectives and Learning Outcomes

Based on the national standards of medical education, cultivate students with noble professional ethics, good public health knowledge and sense of social responsibility, extensive knowledge of Humanities and Social Sciences, solid knowledge of medical related natural disciplines, solid medical professional basic knowledge and basic skills, to meet the developing needs of medical and health undertakings in the new era, and cultivate clinical medical professionals with practical ability, strong clinical practice ability, lifelong learning ability and innovative potential.

Graduates should acquire the following target prediction:(1) be able to master and understand the relevant knowledge and skills of biomedicine, preventive medicine, behavioral and social sciences, and clinical medicine, and have the lifelong learning ability and professional quality of being competent for multiple roles of doctors; (2) be able to make full preparation for further development after graduation.

. Educational Requirements

() Moral Education and Character Cultivation

1. Establish scientific outlook on world, life and values, love the motherland, loyal to the people, abide by discipline and law.
2. Establish the doctor spirit of "respecting and protecting life, rescuing the wounded, being willing to contribute, and loving boundless", and be willing to strive for the

development of health service in our country and the physical and mental health of human beings.

3. Establish the concept of Great Health, always take the people's health as the guidance, strive to improve the comprehensive quality and humanistic accomplishment, and be a good doctor trusted by the party and the people

() **Science and Scholarship: the medical graduate as a scientist and a scholar**

4. Possess the fundamental knowledge of the disciplines such as natural sciences, humanities and social sciences and medicine, and apply scientific methods, which will be applicable in future study and medical practices.

5. Apply medical and scientific knowledge to individual patients, populations and the health systems.

6. Describe the etiology, pathology, natural history, clinical features, diagnosis, treatment and prognosis of common presentations at all stages of life.

7. Access, critically appraise, interpret and apply evidence from the medical and scientific literature.

8. Master the basic features of traditional Chinese medicine and its basic principle of diagnosis and treatment.

9. Apply knowledge of common scientific methods to formulate relevant research questions.

() **Clinical Practice the medical graduate as a practitioner**

10. Conduct effective communications with patients, their family members, colleagues and health professionals of other disciplines.

11. Take a medical history in a proper, comprehensive and systematic way.

12. Perform a full and accurate physical examination, including a mental state examination, and write medical records as required.

13. Integrate and interpret findings from the medical history and examination, to arrive at an initial assessment including a relevant differential diagnosis. Discriminate between possible differential diagnoses and propose rational management principles.

14. Select and justify common investigations, with regard to the pathological basis of disease, utility, safety and cost effectiveness, and interpret the results.

15. Select and perform a range of common procedures safely.
16. Make clinical judgements and decisions based on available evidence. Identify and justify relevant management options under the guidance of supervising physicians.
17. Understand patients' questions, views, concerns and preferences, and ensure patients' full understanding of their situations and options. Involve patients in the decision-making and planning of their treatments, including communicating risks and benefits of management options.
18. Provide information to patients, and family carers where relevant, to enable them to make fully informed choices among various diagnostic, therapeutic and management options.
19. Integrate prevention, early detection, health maintenance and chronic disease management where relevant into clinical practices.
20. Prescribe medications safely, effectively and economically based on objective evidence.
21. Recognise and assess deteriorating and critically unwell patients who require immediate care. Perform common emergency and life support procedures.
22. Describe the principles of end-of-life care for patients, avoiding unnecessary investigations or treatment, and ensuring physical comforts by providing pain relief, psychosocial support and other elements of palliative care.
23. Retrieve, interpret and record information effectively in clinical data systems.

() Health and Society: the medical graduate as a health advocate

24. Accept responsibility to protect and advance the health and well-being of individuals, communities and populations.
25. Explain factors that contribute to health, illness, disease and success of treatment of populations, including issues relating to health inequities and inequalities, diversity of cultural, spiritual and community values, and socio-economic and physical environment factors.
26. Communicate effectively in wider roles including health advocacy.
27. Explain and evaluate common population health screening and prevention approaches, including the use of technology for surveillance and monitoring of the

health status of populations, and provide instructions on patients' follow-up visits, medications and rehabilitative therapies, etc.

28. Understand the quality assurance system and safety management system of health care in hospitals, and be aware of their own competence, responsibility and limits in medical practice. Attach importance to patients' safety, and recognize relevant risk factors in time.

29. Understand the structures and functions of the national health care system in China, and the roles and relationships between health agencies and services, and understand the principles of rational allocation of resources, to meet the needs of individuals, populations and national health systems.

30. Understand the global health issues and the determinants of health and diseases.

() Professionalism: the medical graduate as a professional

31. Provide humanistic and quality health care services to all patients in accordance with the Ethic Principles of Chinese Physicians.

32. Demonstrate professional values in health practice, including empathy, respect for all patients and commitment to high quality clinical service standards, and personal qualities of honesty, integrity, teamwork and leadership.

33. Explain and apply the main principles of medical ethics in clinical practices. Communicate effectively with patients and their family members, colleagues and other health care professionals regarding ethical issues in medicine.

34. Be aware of the factors affecting physicians' health and wellbeing, such as fatigue, stress management and infection control, to mitigate health risks of professional practice, and identify the potential risks posed to patients by their own health.

35. Abide by the laws and regulations regarding clinical practice as well as professional ethics.

36. Recognize the limits of their own expertise, and show respect for other health care professionals, to learn and work effectively as a team.

37. Demonstrate awareness of self-directed learning and lifelong learning. Recognize the importance of continuous self-improvement and demonstrate a commitment to excellence.

. Program Length

1. Basic system: 5 years

2. Time allocation: 2.5 years for basic and clinical courses respectively

School Year	First		Second		Third		Fourth		Fifth	
Semester	1	2	3	4	5	6	7	8	9	10
Course Module	Public Basic Education		Basic Biomedical Sciences Education Preventive Medicine Sciences Education			Clinical Sciences and Skills Education Including Graduation Internship				
	Behavioral and Social Sciences Education Including Humanistic Quality Education during Graduation Internship									
Comprehensive Quality	Early Patient Contact Practice (Double Supervisors)			Clinical Supervisor Medical English			Scientific Research Innovation and Entrepreneurship Training (Double Supervisors)			
	General Education		Basic Elective Education			Clinical Elective Education		Graduation Comprehensive Examination		

. Main Disciplines and Main Courses

() Main Disciplines

Preclinical Medicine, Clinical Medicine

() Main Courses

1. Behavioural and Social Sciences, Medical Ethics and Natural Sciences Education:

Cultivation of Ideological Morality and Basis of Law, Outline of Chinese

Contemporary and Modern History, Mao Zedong Thought and Theory of Socialism

with Chinese Characteristics, Elementary Theory of Marxism, Current Situation and

Policies, Medical Advanced Mathematics, Medical Physics, Fundamental Chemistry,

Organic Chemistry, Fundamentals of Computer Culture, College English, Physical

Education, Medical Psychology, Medical Ethics, etc.

2. Basic Biomedical Sciences Education: Systematic Anatomy, Histology and

Embryology, Physiology, Biochemistry and Molecular Biology, Medical Genetics,

Medical Immunology, Medical Microbiology, Human Parasitology, Clinical Anatomy

by Regions, Pharmacology, Pathophysiology, Pathology, Basic Medical Case Study,

etc.

3. Preventive Medicine Sciences Education: Medical Statistics, Preventive Medicine (Including Epidemiology), Introduction to Global Health, etc.

4. Clinical Sciences and Skills Education: Physical Diagnostics, Experimental Diagnostics, Imaging Diagnosis, General Surgery and Animal Surgery, Internal Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Emergency Medicine, Neurology, Psychiatry, Lemology (Infectious Diseases), Rehabilitation Medicine, Nuclear Medicine, Traditional Chinese Medicine, Ophthalmology, Otorhinolaryngology and Head and Neck Surgery, Stomatology, Dermatovenereology, Clinic-based Case Study, Graduation Internship, etc.

. Curriculum Setting

1. Required education: 222 credits, 93 courses (14 courses of Behavioral and Social Sciences Education, 11 courses of Public Basic Education, 30 courses of Basic Biomedical Sciences Education, 4 courses of Preventive Medicine Sciences Education, 32 courses of Clinical Sciences and Skills Education, 2 courses of Innovation Practice).

2. Elective education: 16 credits (6 credits of General Education, 5 credits of Basic Elective Education, 5 credits of Clinical Elective Education).

3. Distribution ratio of various courses

Behavioral and Social Sciences Education: 23 credits, 460 class hours, 9.7% of total credits;

Public Basic Education: 32 credits, 700 class hours, 13.4% of total credits;

Basic Biomedical Sciences Education: 59.5 credits, 1160 class hours, 25% of total credits;

Preventive Medicine Sciences Education: 8.5 credits, 144 class hours, 3.6% of total credits;

Clinical Sciences and Skills Education (Including Graduation Internship): 95 credits, 1316 class hours, 39.9% of total credits;

Innovation Practice: 4 credits, 1.7% of total credits;

Elective Education: 16 credits, 160 class hours, 6.7% of total credits.

. Basic Teaching Requirements and Teaching Methods

() Ideological and Political Education

Ideological and political work will be integrated into the process of education and teaching. According to the training requirements of moral education and character cultivation, we should strengthen the ideological and political education of curriculum, and put the value molding, medical spirit and health concept into the knowledge teaching and ability training. We should strengthen the classroom teaching reform of "curriculum ideological and political education", change teaching ideas, improve teaching design, and construct typical cases of ideological and political teaching.

() Behavioural and Social Sciences, Medical Ethics and Natural Sciences Education

We should optimize the curriculum of general education, create excellent elective courses reflecting the school characteristics, so that students have good social and humanistic quality and improve their comprehensive quality. We should pay attention to the cultivation of communication ability, emphasize interpersonal communication ability in the basic stage, and focus on doctor-patient communication practice in clinical stage. We should strengthen the teaching of medical related mathematics, physics, chemistry, computer and informatics, so that students have a solid foundation of natural science to meet the needs of the development of modern medicine and smart medical technology

() Professional Education

1. Strengthen English Teaching

We should educate students according to their natural abilities in the form of graded teaching of college English, basic professional English and clinical professional English. It is required to pass CET-4.

2. Reform the Teaching Method, Embody the Student-centered Education and Teaching Idea

Main courses of basic medicine and clinical medicine are taught in small classes with 30-35 students. We pay attention to the combination of theoretical teaching and

experimental teaching. On the basis of improving the teaching quality of classroom teaching and bedside teaching, the group discussion teaching mode with the main

through practice.

. Graduation and Degree Award

() Course Examination

All courses are assessed in two forms: examination and check. We actively advocate the combination of formative assessments and summative assessments. The evaluation methods cover classroom discussion, daily homework, stage test, experiment design and operation, experimental report, computer practice, internship, skill examination and other learning processes. Based on the teaching outline, the students' ability of analysis, synthesis and problem-solving is tested.

() Graduation Comprehensive Examination

Graduation Comprehensive Examination is conducted before graduation, including Comprehensive Written Examination, Comprehensive Clinical Skill Examination and Comprehensive Graduation Report. The students' understanding and application ability of professional knowledge, clinical skill operation level, clinical thinking, scientific research thinking, problem analysis and problem-solving ability are investigated.

Item		Subject	Method
Comprehensive Written Examination		internal medicine, surgery, obstetrics and gynecology, pediatrics	written
Comprehensive Clinical Skill Examination	OSCE	13 stations	written, models, SP
	Computer-based Case Simulations	internal medicine, surgery, obstetrics and gynecology, pediatrics	online
Comprehensive Graduation Report		basic research report	graduation report and reply
		clinical case report	

() Graduation and Degree Award

Students should complete 238 credits of course learning and passed all the examinations, including 222 credits for compulsory courses and 16 credits for elective courses. Students should pass the Clinical Medicine (Undergraduate) Level Test and

Graduation Comprehensive Examination. Those who meet the relevant management regulations for graduation are allowed to graduate, and the undergraduate diploma in medicine is issued. Those who meet the requirements of degree conferment will be awarded bachelor's degree of medicine.

. Table of Teaching Schedule

Table of Teaching Schedule for Clinical Medicine (Five-year Schooling) Major

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes		
				Total	Lecture	Tutorial	Group Research	Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check				
Behavioral and Social Sciences Education		Cultivation of Ideological Morality and Basis of Law	3.0	48	48							3											Required	1		26		
		Outline of Chinese Contemporary and Modern History	3.0	48	48									3										Required		3	26	
		Elementary Theory of Marxism	3.0	48	48							3												Required	2		26	
		Mao Zedong Thought and Theory of Socialism with Chinese Characteristics	3.0	48	48										3									Required	4		26	
		Comprehensive Practice of Ideological and Political Theory	2.0	64					64							2	2							Required		4-5	26	
		Current Situation and Policies	2.0	64	16				48				1	1	1	1	1	1	1	1	1			Required		1-8	26	1-2 (Semester 1-2 using lectures, semester 3-8 using the filling system)
		Freshman Seminar	1.0	16	16								2											Required		1	28	
		Career Planning for Medical Students	0.5	16	16									2				2						Required		2 6	27	
		Mental Health	0.5	16	16									2										Required		2	15	
		Medical Ethics	1.0	16	16																2			Required		8	28	
		Medical Psychology	1.0	16	16											2								Required		5	28	1-8 Week 1-8
		Interpersonal Relationship and Communication Skills	0.5	12	4			8						2										Required		2	28	
		Doctor-Patient Communication	1.5	32		16			16									2	2	4				Required		6-8	28	
		Medical Jurisprudence	1.0	16	16										2									Required		3	11	Single-week
		College English	8.0	192	192							3	3	3	3								Required	1-4		12		
		Fundamentals of Computer Culture	1.0	48	16			32				3											Required		1	32	SPOC SPOC online	
		Military Theory	2.0	36	32			4				2											Required		1	26		
		Military Skill Training	2.0	3 (Three weeks)				3 (Three weeks)					3 (Three weeks)										Required		2	20	1 (Short semester 1)	

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes	
				Total	Lecture	Tutorial	Group Research	/ Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check			
Public Basic Education		Physical Education	4.0	144	16			128					2	2	2	2							Required		1-4	14	16 (In practice, 16 credit hours of extracurricular physical theory examination are included.)
		Advanced Mathematics	3.0	48	48								3										Required		1	13	
		Physics	3.5	64	48			16					4										Required		1	13	
		Fundamental Chemistry	2.5	40	40								3										Required		1	5	
		Fundamental Chemistry Experiments	1.0	32				32					2										Required		1	5	
		Organic Chemistry II	4.0	64	64									4									Required	2		5	
	Organic Chemistry Experiments II	1.0	32				32						2									Required		2	5		
	Medical Cell Biology	2.0	32		32							2										Required		1	28		
	Molecular Medicine Experiments I	0.5	12			4	8					2										Required		1	28	10-15 Week 10-15	
	Systematic Anatomy	3.0	48		48							2	2									Required	1-2		28		
	Morphological Experiments I	2.0	64			16	48					2	2									Required	1-2		28		
	Histology and Embryology	2.5	44		32	12							3									Required	2		28		
	Morphological Experiments II	1.0	24				24						2									Required		2	28	1-4 6-7 9-11 13-15 Week 1-4 6-7 9-11 13-15	
	Medical Genetics English	1.5	24		24									2								Required	3		28	1-12 Week 1-12	
	Molecular Medicine Experiments II	0.5	16				16							4								Required		3	28	1-3 12 Week 1-3 12	
	Biochemistry and Molecular Biology	4.5	72		52	20							6									Required	3		28	1-12 Week 1-12	
	Molecular Medicine Experiments III	1.5	48				48						4									Required	3		28	1-12 Week 1-12	
	Physiology	4.0	64		64								4									Required	3		28		
	Functional Experiments I	1.0	32				32						4									Required		3	28	Double-week	
	Medical Immunology	2.5	40		36	4								4								Required	4		28	1-10 Week 1-10	
	Immunology and Pathogen Biology Experiments I	0.5	16				16							4								Required		4	28	6-9 Week 6-9	

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes	
				Total	Lecture	Tutorial	Group Research	/ Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check			
Basic Biomedical Sciences Education		Medical Microbiology	2.0	32		32																Required	4		28	1-8 Week 1-8	
		Immunology and Pathogen Biology Experiments II	1.0	32			4	28						3									Required		4	28	3-13 Week 3-13
		Human Parasitology	1.5	24		24								2									Required	4		28	
		Immunology and Pathogen Biology Experiments III	0.5	16				16						2									Required		4	28	According to the schedule of theory course
		Clinical Anatomy by Regions	3.5	88		16	8	64						6									Required	4		28	
		Pathology	4.0	64		64									4								Required	5		28	
		Morphological Experiments III	1.0	32				32							2								Required	5		28	
		Pharmacology	3.5	56		40	16								4								Required	5		28	
		Functional Experiments II	0.5	16				16							3								Required		5	28	According to the schedule of theory course
		Pathophysiology	3.5	56		40	16								4								Required	5		28	
		Functional Experiments III	0.5	16				16							3								Required	5		28	According to the schedule of theory course
		Elementary Medical English	1.0	32				32						2									Required		3	28	
		Basic Medical Case Study	4.0	64			64								2	2							Required		4-5	28	
		Comprehensive Morphological Experiments	1.0	32				32							4								Required		4	28	9-16 Week 9-16
	Comprehensive Functional Experiments	2.0	64				64							8								Required		5	28	9-16 Week 9-16	
	Scientific Research Practice (Double Supervisors)	3.0	6 (Six weeks)				6 (Six weeks)						1 One week	1 One week	1 One week	1 One week	1 One week	1 One week				Required		2-7	28	Short semester or separately	
Preventive Medicine Sciences Education		Medical Statistics	2.5	56		24		32														Required	5		28		
		Preventive Medicine (Including Epidemiology)	4.0	72		56		16														Required	6		28		
		Introduction to Global Health	1.0	16		16																Required		6	28	1-8 Week 1-8	
		Early Public Health Practice	1.0	2 (Two weeks)				2 (Two weeks)							1 One week		1 One week						Required		2 4	28	1 2 Short semester 1 and 2

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes	
				Total	Lecture	Tutorial	Group Research	/ Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check			
Clinical Sciences and Skills Education Including Graduation Internship		Physical Diagnostics	4.5	96		48			48							7						Required	6		28	15 weeks of Bridge Course	
		Experimental Diagnostics	1.5	32		16			16							3							Required	6		28	15 weeks of Bridge Course
		Imaging Diagnosis	2.5	48		32			16							4							Required	6		28	15 weeks of Bridge Course
		General Surgery and Animal Surgery	3.0	64		32			32							5							Required	6		28	15 weeks of Bridge Course
		Nuclear Medicine	1.5	24		16			8							2							Required		6	28	15 weeks of Bridge Course
		Internal Medicine	8.5	180		72	20		88							6	6						Required	6-7		28	36 weeks of System Course
		Surgery	7.5	160		64	16		80							5	5						Required	6-7		28	36 weeks of System Course
		Obstetrics and Gynecology	4.0	88		40	6		42							3	3						Required	6-7		28	36 weeks of System Course
		Pediatrics	4.5	96		48	16		32							3	3						Required	6-7		28	36 weeks of System Course
		Emergency Medicine	2.5	56		24			32							4							Required	6		28	36 weeks of System Course
		Lemology (Infectious Diseases)	2.5	44		32				12									9				Required	8		28	1-5 weeks of Primary and Secondary Course
		Traditional Chinese Medicine	2.0	36		32				4									8				Required	8		28	1-5 weeks of Primary and Secondary Course
		Ophthalmology	1.5	32		16				16									7				Required	8		28	6-10 weeks of Primary and Secondary Course
		Otorhinolaryngology and Head and Neck Surgery	2.0	40		24				16									8				Required	8		28	6-10 weeks of Primary and Secondary Course
		Stomatology	1.5	32		16				16									7				Required	8		28	6-10 weeks of Primary and Secondary Course
		Dermatovenerology	1.5	24		16				8									5				Required	8		28	6-10 weeks of Primary and Secondary Course
		Neurology	2.5	36		28				8									8				Required	8		28	11-15 weeks of Primary and Secondary Course
		Psychiatry	2.0	40		24				16									8				Required	8		28	11-15 weeks of Primary and Secondary Course
		Rehabilitation Medicine	1.5	28		24				4									6				Required		8	28	11-15 weeks of Primary and Secondary Course

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes
				Total	Lecture	Tutorial	Group Research	/ Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check		
		Family Medicine	1.5	24		24											3				Required	8		28		
		Evidence-based Medicine	1.5	24		24											2				Required	7		28		
		Clinical Medical English	1.0	32				32								2					Required		6	28		
		Clinical Diagnostic Thinking Training	1.0	16			16									2					Required		6	28	8-15 8-15 weeks of Bridge Course	
		Clinic-based Case Study	4.0	64			64								2	2					Required		6-7	28		
		Early Patient Contact Clinical Supervisor	1.0	2 (Two weeks)				2 (Two weeks)					1 (One week)			1 (One week)					Required		2 4	28	1 2 Short semester 1 and 2	
		Fundamental Clinical Skill Training	1.5	3 (Three weeks)				3 (Three weeks)									3 (Three weeks)				Required		6	28	3 (Short semester 3)	
		Comprehensive Clinical Skill Training	1.5	3 (Three weeks)				3 (Three weeks)										3 (Three weeks)			Required		8	28	Before internship	
		Internal Medicine Internship	8.0	16 Sixteen weeks							16 Sixteen weeks										Required		9-10	28		
		Surgery Internship Including Anesthesiology Internship	8.0	16 Sixteen weeks							16 Sixteen weeks										Required		9-10	28		
		Gynecology and Obstetrics Internship	4.0	8 (Eight weeks)							8 (Eight weeks)								8 (Eight weeks)		Required		9-10	28		
		Paediatrics Internship	4.0	8 (Eight weeks)							8 (Eight weeks)								8 (Eight weeks)		Required		9-10	28		
		Community Medicine Internship	1.0	2 Two weeks							2 Two weeks								2 Two weeks		Required		9-10	28		
Innovation Practice		Co-curricular Activities	2.0																		Required			30	Extracurricular	
		Innovation and Entrepreneurship Training (Double Supervisors)	2.0																		Required			22	Extracurricular	
Total			222.0	3780	764	1268	310	944	394	100	50	36	28	30	35	30	32	23	30	0	0					

Table of Teaching Schedule for Clinical Medicine (Five-year Schooling) Major Elective Courses

Course Type	Course Code	Course Name	Credits	Credit Hour Distribution								Weekly Hours Per Semester										Course Nature	Semester		School	Notes		
				Total	Lecture	Tutorial	Group Research	Exp/Prac	Clerkship	Clerkship and Internship	Internship	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		Exam	Check				
												2.0		2.0		2		6.0		7								
General Education (Compulsory)			6.0	Including 7 modules: Innovation and Entrepreneurship, Traditional Chinese Culture, Scientific Spirit, Legal and Critical Thinking, Mental Health, Arts and Aesthetic, and Non-technical Competence. Up to 2.0 credits per module (2.0 credits required for Innovation and Entrepreneurship) and up to 2 courses per semester with a total of 6.0 credits. Course examples: Nutrition and Immune Health, Food and Human Health, Health Effect and Culture of Tea, etc.																								
Basic Elective Education		Python Programming	3.0	64	32			32					4												Elective	2	32	5 5.0 credits required
		Health and Design	2.0	32	32								2												Elective	3	6	
		Human Body Aesthetics and Structure Painting	2.0	32	32								2												Elective	2	28	
		Medical Information Retrieval	1.0	16	16								2												Elective	2	21	
		Biomedical Materials	1.0	16	16								2												Elective	3	28	
		Physical Health	1.0	16	16									2											Elective	4	28	
		Introduction to Medicine	1.0	16	16								2												Elective	2	28	
		Medical Economics	1.0	16	16									2											Elective	4	28	
		Image Anatomy and Film Reading	1.5	32	16			16						2											Elective	4	28	
		Neural Science	2.0	32	32									2											Elective	4	28	
		Bioinformatics	1.0	24	8			16						2											Elective	4	28	
		Social Medicine	1.5	24	24										3										Elective	5	28	
		Forensic Medicine	2.0	32	32										2										Elective	5	28	
	Medical Research Paper Writing and Skills	1.0	16	16									2											Elective	3	28		
	Community Medicine	1.0	16	16										2										Elective	5	28		
	Introduction to Nursing	1.5	24	24											3									Elective	6	28		
	Child Health Care	1.0	16	16												2								Elective	7	28		
	Gerontology	1.5	24	24													3							Elective	8	28		
	Clinical Epidemiology	1.0	16	16												2								Elective	7	28		

Course Type	(Requirements) (Courses)	Moral Education and Character Cultivation			Science and Scholarship					Clinical Practice										Health and Society						Professionalism											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
	Image Anatomy and Film Reading	L				M										M																					
	Neural Science				M		L			M																											L
	Bioinformatics				M					M																											
	Social Medicine				L	L				M															H	H											
	Forensic Medicine	M					M									L												L							M		
	Medical Research Paper Writing and Skills				M			M																													
	Community Medicine																								M	M	H			L							
	Introduction to Nursing	M			L																				M	M							M		L		
	Child Health Care	L				L																			M												
	Gerontology		L				M						M				L																				
	Clinical Epidemiology						L							H		M												H								L	
	Clinical Nutrition and Metabolic Diseases			L		M																															L
	Reproductive Medicine and Reproductive Health					M									M	M										L							M				
	Technology of Modern Minimally Invasive Surgery		L	M				M								M												L							L	M	
	Wound Repair Technology and Progress in Plastic Surgery				M											M										L											
	Particularity and Research Progress of Geriatric Surgery					M							L																								L
	Clinical Oncology	L					M		M				M																								
	Optometry and Myopia Prevention		L				M								M																						L
	Radiation Oncology	M			M																																L
	The Basis																																				

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课程体系配置图

Curriculum System Configuration Diagram

