

## 法医学专业(五年制)本科人才培养计划

### Five-year Undergraduate Program of Forensic Medicine

#### 一、培养目标

##### I. Program Objectives

本专业培养具备良好的思想品德和职业道德、有较强的法治意识、毕业后在上级法医师的指导下，从事法医学检案实践的、合格的初级法医师，保证他们有适当的基础能够进行终身学习和在法医学某一学科领域内进一步深造。

Our major aims at cultivating the junior medical examiners with well character, professional ethics and strong legal consciousness. After graduation, they would be eligibly engaged in forensic practice under the tutorship of senior staffs, obtain appropriate groundwork for lifelong education and receive advanced training in a certain discipline of forensic medicine.

#### 二、基本规格要求

##### II. Learning Outcomes

本专业学生应掌握从事法医实践工作的医学基础理论、基本知识和基本技能，为毕业后工作和教育打下坚实的基础。

毕业生应获得以下的态度、知识和技能：

Our students should master the basic medical theories, knowledge and techniques needed by forensic practice in order to lay a firm foundation for continuing education after graduation.

Graduates should obtain the following attitude, knowledge and techniques.

##### 态 度 要 求

1. 树立科学的世界观、人生观和价值观，具有爱国主义和集体主义精神，愿为法医学科学事业发展贡献力量。

2. 意识到检案工作中细致案情调查的重要性，并积极收集多方面资料，调查取证，使检案工作客观公正。

3. 树立成本效益观念，充分掌握公平有效分配和合理使用有限资源的原则，取得最佳的工作效益。

4. 树立终身学习观念，充分认识到不断自我完善和接受继续教育的重要性。

5. 树立正确的医学伦理观念，尊重个人信仰，尊重每一个人，理解其人文背景及文化价值。

6. 具有实事求是的科学态度，对超出自己的业务能力而不能有效安全完成的案件，主动寻求其他法医师的帮助。

7. 始终将维护法治和社会稳定，打击犯罪作为自己的职业责任。

8. 具有创新精神和敢于怀疑、敢于分析批判的精神，具有为新知识的发现、新技能的产生做出贡献的意识。

9. 尊重同仁，增强团队意识。

10. 树立依法检案的观念、树立证据意识，学会用法律保护受害人和自身的权益。

##### Attitude Requirements

1. Establish scientific world view, life and value, patriotism and collectivism spirit, and contribute to the development of forensic medicine.

2. Be aware of the importance of case investigation; collect information of every aspect actively,

survey and gain evidence strictly to ensure the forensic practice work objectively and justly done.

3. Establish the conception of cost-efficiency; master the principle of distributing fairly and utilizing reasonably the limited resources to attain the greatest benefit.

4. Establish the ideal lifelong learning; fully realize the importance of unceasing self-perfection and continued education.

5. Establish the notion of medical ethics, esteem personal religious faith, respect every individual and understand their humanity background and cultural value.

6. Establish scientific attitude of seeking truth from facts; when meeting with the cases that go beyond your professional ability or that you can't manage effectively, seek for help from other medical examiners voluntarily.

7. Always consider the maintenance of legal system and society stability, and combat against crimes as one's own professional responsibility.

8. Establish the innovative spirit, critical mind and keep the consciousness of making contribution to the new knowledge formation and new techniques discovery.

9. Respect your confreres and establish a team spirit.

10. Form the notion of handling cases in accordance with the law and learn how to protect the victims, your own rights and interests by using the law.

#### 知 识 要 求

1. 基本掌握生物科学、行为科学、人文科学和社会科学的有关知识和方法，并能够用于指导未来的学习和法医学实践。

2. 掌握生命各阶段人体的正常结构、功能和心理状态。

3. 掌握人体各阶段各种常见病、多发病(包括精神疾病)的发病原因，认识环境因素、社会因素及行为心理因素对疾病形成与发展的影响，认识预防疾病的重要性。

4. 了解流行病学的有关知识与方法。

5. 了解常见传染病的发生、发展、传播的基本规律和防治原则。

6. 掌握现场勘察、取证的原则和基本知识。

7. 掌握死亡原因、方式、死亡时间推断及损伤与疾病的关系等法医学基本知识。

8. 掌握常见毒物的中毒机制、病理变化的基本知识。

9. 掌握法医物证鉴定的基本理论和方法。

10. 掌握活体损伤检验与法医学鉴定的基本原则和方法。

11. 掌握常见毒物定性、定量分析的基本知识和方法。

12. 掌握法医学检案中自我保护原则。

#### Knowledge Requirements

1. Master the relative knowledge and techniques about bioscience, behavior science, literae humaniores and social science, use them to guide the future study and forensic practice.

2. Master the normal structure, function and psychological condition of the human body during different phases of life.

3. Master various kinds of pathogenic factors of common diseases and frequently-occurring diseases (including mental diseases) during different stages; realize the influence of environmental, social and behavior-psychological factors on the formation and disease development; recognize the importance of disease prevention.

4. Grasp relevant knowledge and techniques of epidemiology.

5. Understand the basic rules of occurrence, development and spread of common infectious diseases and the principles for prevention and treatment of them.

6. Master the basic knowledge and principles of scene investigation and evidence taking.
7. Master the basic forensic knowledge for the confirmation of death cause, death manner, time after death and injury relation.
8. Master the basic knowledge about familiar intoxication mechanism and pathological alterations caused by toxicants.
9. Master the basic knowledge and methods of forensic evidence identification.
10. Master the basic principles and techniques for injury examination via forensic identification.
11. Master the basic knowledge and techniques of classification and quantitative analysis of common poisons.
12. Master the principles of self-protection in forensic practice.

#### 技 能 要 求

1. 具有正确受理案件及规范书写法医学鉴定书的能力。
2. 具备系统尸体解剖、常规物证检验、活体损伤检验的基本能力。
3. 初步具备处理突发公共灾害事件的基本能力。
4. 具有法医现场勘察及运用辩证思维分析处理案件的能力。
5. 具备一定的社会工作能力、组织协调能力和人际交流能力。
6. 具有利用各种信息资源和技术进行自主学习与科学研究的能力。
7. 具有与同仁、被鉴定人及其家属进行有效交流和调动其合作的能力。
8. 基本掌握一门外语，具有应用其进行基本交流的能力。

#### Skill Requirements

1. Have the ability to receive and handle legal cases and accomplish the forensic case report writing.
2. Be able to finish the autopsies, verify evidence and examine injuries of a living body.
3. Have the basic ability to deal with sudden public incidents.
4. Have the ability to investigate crime scenes, analyze and handle the cases with dialectic thought.
5. Have the ability in social work, coordination and communication.
6. Be able to make use of various information resources and technology for self-study and research.
7. Be able to availably communicate with confreres, consigners and their dependents, mobilize them to cooperate.
8. Master and apply a foreign language.

#### 三、培养特色

##### III. Program Highlights

将人文、信息、计算机、基础医学、临床医学知识与法医学知识相结合，培养具有良好素质的法医师。

Combine the forensic knowledge with humanities, information, computer science and clinical medicine so as to cultivate junior medical examiners with good quality.

#### 四、主干学科

##### IV. Main Disciplines

基础医学、临床医学、法医学

Basic medicine, clinical medicine, forensic medicine

**五、学制与学位**

**V. Program Length and Degree**

学制：基本学制为五年，实行弹性学制。

Educational system: 5 years with flexible system

授予学位：医学学士

Awarded degree: medical bachelor

**六、学时与学分**

**VI. Credits Hours and Units**

完成学业最低课内学分（含课程体系与集中性实践教学环节）要求：273 学分

Curricular credit (include the course system and teaching tache for concentrative practice) requirements: 273 credits

其中，专业基础课程、专业核心课程学分不允许用其他课程学分冲抵和替代。

Major-related basic courses and core courses cannot be covered using credits from other courses in the program.

完成学业最低课外学分要求：10 学分

Minimum Extracurricular Credits : 10 credits

**1. 课程体系学时与学分**

**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(%)
通识教育基础课程		必修	1076/62.5	26.9
		选修	160/10	4.0
学科基础课程	学科大类基础课程	必修	1124/69	28.1
		选修	64/4	1.6
	学科专业基础课程	必修	464/29	11.6
		选修	64/4	1.6
专业课程	专业课程 专业核心课程	必修	984/62	24.6
		选修	64/4	1.6
合计			4000/244.5	100

Course Type		Required/Elective	Hrs / crs	Percentage (%)
General Education Core Curriculum		Required	1076/62.5	26.9
		Elective	160/10	4.0
Discipline-related courses	Discipline-related General Courses		1124/69	28.3
			64/4	1.6
	Basic Sub-disciplinary Courses		464/29	11.9
			64/4	1.6
Major-specific courses	Major-specific Core Courses		984/62	25.4
			64/4	1.6
Total			4000/244.5	4000/244.5

**2. 集中性实践教学环节周数与学分**

**Practicum Credits**

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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 (%)
军事训练	必修	2/1	3.5
入学教育	必修	1/0.5	1.8
毕业教育	必修	1/0.5	1.8
毕业考试	必修	1/0.5	1.8
临床实习	必修	26/13	45.6
毕业实习	必修	26/13	45.6
合计		57/28.5	100

Course Title	Required/Elective	Weeks / Credits	Percentage (%)
Military training (two weeks)	Required	2/1	3.5
Enrollment instruction	Required	1/0.5	1.8
Graduation instruction	Required	1/0.5	1.8
Graduation exam	Required	1/0.5	1.8
Clinical practice	Required	26/13	45.6
Graduate practice	Required	26/13	45.6
Total		57/28.5	100

3. 课外学分

Extracurricular credits

序号	项 目	要 求	学分	
1*	早期接触公安法医学实践	第2学年暑假参加2周公安机关法医学实践,提交实践总结及单位证明,经考核合格者	2	
2*	社会实践活动	提交社会调查报告,通过答辩者	1	
		个人被校团委或团省委评为社会实践活动积极分子者,集体被校团委或团省委评为优秀社会实践队者	2	
3*	早期接触专业见习	要求每位学生参加法医病理、法医物证和法医临床各2周的专业见习,写出见习心得	2	
4	英语及计算机考试	全国大学英语六级考试	考试成绩达到学校要求者	2
		托福考试	达90分以上者	3
		雅思考试	达6.5分以上者	3
		GRE考试	达1350分以上者	3
		全国计算机等级考试	获二级以上证书者	2
		全国计算机软件资格、水平考试	获程序员证书者	2
			获高级程序员证书者	3
获系统分析员证书者	4			
5	竞赛	校级	获一等奖者	3
			获二等奖者	2
			获三等奖者	1
		省级	获一等奖者	4
			获二等奖者	3
			获三等奖者	2
		全国	获一等奖者	6
			获二等奖者	4
			获三等奖者	3
6	论文	在全国性刊物发表论文	每篇论文	2-3
7	科研	视参与科研项目时间与科研能力	每项	1-3
8	实验	视创新情况	每项	1-3

注:1.参加校运动会获得第一名、第二名者与校级一等奖等同,获第三名至第五名者与校级二等奖等同,获第六至第八名者与校级三等奖等同。2.\*标注的项目为必须完成的项目。

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No.	Items	Requirements	Credits	
1*	Early forensic practice in public security bureaus	In the summer vacation after the second academic year students should take part in forensic practice in public security bureaus for 2 weeks then hand on the practice sum-up and testify and got through the examine	2	
2*	Social practice	Put in social survey report and got through the rejoinder	1	
		Individual or collectivity appraised as protagonist in social practice by the communist youth league of the college or of the province ;	2	
3*	Early specialized internship	Participate in specialized internship of Forensic pathology, Forensic serology and Forensic clinic for 2 weeks respectively and then complete the related reports	2	
4	English and computer text	CET-6	Students whose Band-6 exam scores accord our requirements	2
		TOEFL	90 Points or Higher	3
		IELTS	6.5 Points or Higher	3
		GRE	1350 Points or Higher	3
		National computer text	got the certification of band 2 and above	2
		National computer software qualification or level text	Got the certification of programmer	2
			Got the certification of superior programmer	3
5	Competition	In the college	Got the first-class prize	3
			Got the second-class prize	2
			Got the third-class prize	1
		In the province	Got the first-class prize	4
			Got the second-class prize	3
			Got the third-class prize	2
		In the country	Got the first-class prize	6
			Got the second-class prize	4
			Got the third-class prize	3
6	Paper	Delivered in national publication	Each paper	2-3
7	Scientific research	According to attending time and ability in scientific research	Each item	1-3
8	Experiment	According to innovation	Each item	1-3

Notes : 1. in the college sports meeting the first prize or the second prize is equal to the first-class prize, the third , forth or fifth prize is equal to second-class prize, the sixth , seventh and eighth prize is equal to third-class prize.

2. Items marked with \* are essential to finish.

### 七、主要课程

#### VII. Main Courses

系统解剖学 Systemic Anatomy、组织学 Histology、人体胚胎学 Embryology、人体寄生虫学 Parasitology、医学微生物学 Microbiology、医学免疫学 Medical Immunology、生物化学与分子生物学 Biochemistry and Molecular Biology、生理学 Physiology、病理学 Pathology、病理生理学 Physiopathology、药理学 Pharmacology、诊断学 Diagnostics、内科学 Internal Medicine、外科学 Surgery、法医病理学 Forensic Pathology、法医物证学 Forensic Biology、临床法医学 Clinical Forensic Medicine

### 八、主要实践教学环节（含专业实验）

#### VIII. Practicum Module (Experiments included)

临床见习 Clinical Probation、临床实习 Clinical Practice、毕业实习 Graduation Practice

九、教学进程计划表

IX. Course Schedule

院(系): 同济医学院

专业: 法医学(五年制)

School(Department): Tongji Medical College

specialty: Forensic Medicine (5years)

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
						课外 extra-cur.	实验 exp.	上机 operation	
通识教育基础课程 General Education Core Curriculum	必修 Required	0301902	思想道德修养与法律基础 Morals & Ethics & Fundamentals of Law	40	2.5	8			1
	必修 Required	0100721	中国近现代史纲要 Survey of Modern Chinese History	32	2	8			2
	必修 Required	0100733	马克思主义基本原理 Basic Theory of Marxism	40	2.5	8			1
	必修 Required	0100932	思政课社会实践 Social Practice of Ideological and Political Theories Course	24	1.5	20			2
	必修 Required	0100322	毛泽东思想和中国特色社会主义理论体系 概论 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	56	3.5				2
	必修 Required	0100741	形势与政策 Situation and Policy	32	2	14			1-6
	必修 Required	0510071	中国语文 Chinese	32	2	10			2
	必修 Required	1100011	军事理论 Military theory	16	1				1
	必修 Required	0700019	微积分(二) Calculus (II)	80	5				1
	必修 Required	0700035	大学物理(四) Physics(IV)	64	4				2
	必修 Required	0700041	物理实验(一) Physics Experiments	32	1				2
	必修 Required	0702511	基础化学(二) Basic chemistry(II)	88	5.5		38		1
	必修 Required	0704081	有机化学(一) Organic chemistry( I )	96	6		44		2
	必修 Required	0508453	综合英语(一) Comprehensive English ( I )	56	3.5				1
	必修 Required	0508463	综合英语(二) Comprehensive English ( II )	56	3.5				2
	必修 Required	0800171	计算机及程序设计基础 (VB) Fundamental of Computer Programming (VB)	48	3			16	1
	必修 Required	0811161	计算机网络技术及应用 Network Technology and Application	48	3			16	2
	必修 Required	0400111	大学体育(一) Physical Education ( I )	32	1		32		1

续表

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						课外 extra-cur.	实验 exp.	上机 operation	
	必修 Required	0400121	大学体育(二) Physical Education (II)	32	1		32		2
	必修 Required	0400131	大学体育(三) Physical Education (III)	32	1		32		3
	必修 Required	0400141	大学体育(四) Physical Education (IV)	32	1		32		4
			人文社科类选修课程 Elective courses of humanities and sociality	160	10				
学科基础课程· 学科大类基础课程 Discipline-related General Courses	必修 Required	0700355	生命科学导论 Introduction to Life Sciences	16	1				1
	必修 Required	1001101	细胞生物学 Cytobiology	64	4	2	24		2
	必修 Required	1001091	系统解剖学 Systemic anatomy	96	6		48		3
	必修 Required	1001131	组织学 Histology	64	4		34		3
	必修 Required	1001082	生物化学与分子生物学 Biochemistry and molecular biology	120	7.5		42		3
	必修 Required	1001031	生理学 Physiology	96	6	10			4
	必修 Required	1001041	机能实验 1 Functional experiments ( I )	32	1		32		4
	必修 Required	1001071	局部解剖学 Regional anatomy	72	4.5		72		4
	必修 Required	1001112	医学免疫学 Medical immunology	48	3		12		4
	必修 Required	1001021	人体寄生虫学 Parasitology	56	3.5	2	30		4
	必修 Required	1001021	医学微生物学 Microbiology	72	4.5	6	24		4
	必修 Required	1001131	人体胚胎学 Embryology	32	2		16		5
	必修 Required	1001011	病理学 Pathology	112	7	2	34		5
	必修 Required	1001001	病理生理学 Pathophysiology	56	3.5	2			5
	必修 Required	1001051	药理学 Pharmacology	92	5.5				5
	必修 Required	1001122	医学遗传学 Medical genetics	32	2		10		5
必修 Required	1001061	机能实验 2 Functional experiments (II)	64	2		64		5	



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						课外 extra-cur.	实验 exp.	上机 operation	
学科基础课程· 学科专业基础 Basic Sub-disciplinary Courses			医学基础学科类选修课 elective courses of medical basic	64	4				
	必修 Required	0703501	医学导论 Introduction to medicine	24	1.5				3
	必修 Required	0507411	医学英语基础 Medical English basic	32	2				4
	必修 Required	0506461	医学拉丁语 Medical Latin	16	1				5
	必修 Required	1001771	预防医学 Preventive medicine	72	4.5		18		5
	必修 Required	1001752	医学心理学 Medical psychology	24	1.5				5
	必修 Required	1001301	物理诊断学 Physical diagnostics	80	5		40		5
	必修 Required	0704591	医学伦理学 Medical ethnics	32	2	4			6
	必修 Required	1001311	实验诊断学 Experimental diagnostics	40	2.5		20		6
	必修 Required	1001462	医学影像学 Medical imaging	32	2				6
	必修 Required	1001392	手术学 Fundamentals of operation	32	2		28		6
	必修 Required	1001453	核医学 Nuclear medicine	32	2	5	3		6
	必修 Required	1001741	循证医学 Evidence medicine	24	1.5		4		7
	必修 Required	1051111	法医学概论 General forensic medicine	24	1.5	4			1
	专业课程· 专业核心 Major-specific Core Courses	必修 Required	1001364	内科学 Internal Medicine	96	6		6	
必修 Required		1001404	外科学 Surgery	96	6		6		6
必修 Required		1001353	妇产科学 Gynecology and obstetrics	40	2.5		4		6
必修 Required		1001333	儿科学 Pediatrics	40	2.5		4		6
必修 Required		1001412	眼科学 Ophthalmology	24	1.5	4			7
必修 Required		1001341	耳鼻咽喉科学 Otolaryngology	24	1.5	4			7
必修 Required		1001371	皮肤性病学 Dermatology and venereology	24	1.5	4			7

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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
						课外 extra-cur.	实验 exp.	上机 operation	
专业课程·专业核心 Major-specific Core Courses	必修 Required	1001321	传染病学 Epidemiology	32	2	5			7
	必修 Required	1001381	神经及精神病学 Neurology and Psychiatry	32	2	5			7
	必修 Required	1001432	中医学(含针灸学) Traditional Chinese medicine (include acupuncture)	56	3.5	2			7
	必修 Required	1001511	法医病理学 Forensic pathology	120	7.5	12	34		8
	必修 Required	1001561	法医物证学 Forensic biology	120	7.5	12	50		8
	必修 Required	1001581	临床法医学 Clinical forensic medicine	80	5	10	29		9
	必修 Required	1001521	法医毒理学 Forensic toxicology	48	3	6	9		9
	必修 Required	1001531	法医毒物分析 Forensic toxicological analysis	48	3	6	27		9
	必修 Required	1001551	法医精神病学 Forensic psychiatry	48	3	8	14		9
	必修 Required	1001591	刑事科学技术 Forensic sciences and technology	32	2	8			9
	必修 Required	1001541	法医法学 Forensic jurisprudence	16	1	2			9
	必修 Required	1001571	公务员知识 Official basic knowledge	16	1				9
				专业学科类选修课 elective courses of specialty	64	4			
实践环节 practical training items	必修 Required	1300013	军事训练 Military training	2w	1		2w		1
	必修 Required	1300002	入学教育 Admission education	1w	0.5		1w		1
	必修 Required	1303822	毕业教育 Graduate education	1w	0.5		1w		10
	必修 Required	1303812	毕业考试 Graduate examination	1w	0.5		1w		10
	必修 Required	130331b	内科实习 Internal medicine practice	6w	3		6w		7
	必修 Required	130332a	外科实习 Surgery Practice	6w	3		6w		7
	必修 Required	130333a	妇产科实习 Gynecology and obstetrics practice	4w	2		4w		8
	必修 Required	1303344	儿科实习 Pediatric practice	2w	1		2w		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
						课外 extra-cur.	实验 exp.	上机 operation	
实践环节 practical training items	必修 Required	1303381	眼科实习 Ophthalmology practice	2w	1		2w		8
	必修 Required	1303351	影像医学实习 Practice of medical imaging	2w	1		2w		8
	必修 Required	1301863	耳鼻咽喉科学实习 Practice in E. N. T. department	2w	1		2w		8
	必修 Required	1303403	精神病科实习 Psychiatry practice	2w	1		2w		8
	必修 Required	1300090	毕业实习 Graduate practice	26w	13		26w		9-10

## 十、说明

### X. Directions

各门课程应精选和更新教学内容，改进教学方法，强化基础理论、基本知识和基本技能的训练，加强自学能力、实践能力、外语及计算机应用能力和初步科学研究能力的培养，加强早期接触检案，注重基础与实践能力的渗透，加强职业道德教育，增强预防为主观念，加强文、理知识，提高心理素质，拓宽学生的专业面和知识面，注重人际交流，增强社会适应性，提高学生的整体素质。

在课程改革中，要注重形态学科课程应以减少讲授、增加实验为主；机能学科课程应削减验证性实验，增加综合性实验，提高动手能力；专业课程应减少理论讲授，增加实践教学，以适应国内外医学教育改革和发展的趋势。

We should choose and update every course we teach, improve our teaching methods and strengthen the training of basic theories, knowledge and techniques.

We should improve the cultivation of the students' ability of self-study, practice, learning foreign language, computer using and preliminary science research.

During the teaching reformation, opportunities of early practice should be given to the students; basic knowledge learning and practice should be combined; the teaching of professional ethics, literary and scientific knowledge and the conception of prevention should be strengthened. Also we should improve the students' psychological qualities, broaden their knowledge of all fields and lay stress on their personal communication, social adaptability and entire quality.

During the teaching reformation, we should take different measurements for different courses. For morphological subjects, sermonizing should be decreased and experiment increased; as to scientific course, more verification experiments should be replaced by comprehensive experiments in order to enhance the students' capabilities of practice. To catch up with the international trends of educational reform and development, more practice should taking place with the lecture on the professional courses.

1. 教学内容分课内和课外教学，课内教学形式包括大课、小课(讨论课、案例教学等)、实验课、见习、实习等；课外教学是指学生通过课外自主学习、社会实践等形式学习教学大纲要求的教学内容(不包括学生复习)。

2. 军事教育：在集中军训期间，安排 16 学时的军事理论。

3. 外语教学：公共外语采用分级教学，要求必须通过国家英语四级考试。专业外语教学除开设《医学英语基础》课程外，各门课程应安排 10% 的学时进行专业外语教学，平均每学时应至少介绍和反复应用 10 个常用专业外语词汇。每学期至少有 1~2 门课程使用外文教材，采用外语教学。

4. 科研能力训练：科研能力训练贯穿在各个教学环节，在第 1~6 学期教学阶段，学有余力的学生可参加课外科研活动；结合预防战略实习和假期社会实践，进行科研训练；还应结合假期社会实践开展科研性质的社会调查研究等。

5. 开设《医学导论》和《法医学概论》，结合课程的学习，假期安排早期接触公安、早期接触专业的实践活动。

6. 按选课的有关规定，选课可跨学校、跨院系、跨专业、跨学年或跨学期选课。

7. 实习：第六、七、八学期安排临床见习和临床实习，第九、十学期安排毕业实习。

8. 选修课程的开设是为了加强学生个性培养，拓宽知识面，学生可根据自己的兴趣、爱好、学习进程进行选择，并完成相应课程类别所要求的选修课程学分。

9. 课外学分除学生应完成的项目外，前九学期尚未修满者，第十学期可用选修课程学分替换。

1. The contents of teaching are divided into curricular and extracurricular. The curricular teaching includes public class, subgroup class (discussing class or case teaching class and so on), experiment, probation, practice etc. The extracurricular teaching means the students learn the substance in the syllabus through extracurricular self-study, social practice (excludes review) etc.

2. Military education: during the assembled military drilling, 16 classes should be arranged for military theory education.

3. Foreign language teaching: Public English is taught according to the students' levels. Passing of national English text band 4 is obligatory. Except the 《basic medicine English》, 10 percent of each course should be taught in English and in each of these English-teaching classes, at least 10 frequently used specialized terms should be introduced and applied repeatedly. At least 1 or 2 English text books should be used every semester.

4. Training of the capability for scientific research: during all the teaching period, the training of the capability for scientific research is always emphasized. In the first six semesters, if the student has more free time, he can take part in the extracurricular activity for scientific research. The training should also make use of preventing-stratagem practice and holiday social practice, which should be combined with the scientific social investigation.

5. Establish medicine introduction. Along with the curricular study, forensic and specialized practice in the early period should be arranged on holidays.

6. According to the regulation, the student may select courses through different schools, departments, majors, different years or semesters.

7. Practice: There are clinic probation and a clinic practice in the seventh and eighth semesters. As for the ninth and tenth semester, we will arrange a graduate practice.

8. The aim of the elective courses is to cultivate the student's personality and broaden their knowledge. The student could choose it by their interesting or studying procedure.

9. Except the demanded projects, the extracurricular credits can be replaced by the elective course credits in the tenth semester if it does not be fulfilled during the former nine semesters.

十一、基准学期进程安排表

第一学期							第二学期						
课 程	课 内			课 外	总学 时	学 分	课 程	课 内			课 外	总学 时	学 分
	大课	小课	实验					大课	小课	实验			
思想道德修养与法律基础	32			8	40	2.5	中国近现代史纲要	24			8	32	2.0
毛泽东思想和中国特色社会主义	56				56	3.5	马克思主义基本原理	32			8	40	2.5
大学计算机基础	20		12		32	2.0	思政课社会实践	4			20	24	1.5
微积分(二)	80				80	5.0	计算机网络技术及应用	32		16		48	3.0
基础化学(二)	50		38		88	5.5	Visual Basic 语言程序设计	40		8		48	3.0
生命科学导论	16				16	1.0	大学物理(四)	64				64	4.0
大学体育(一)			32		32	1.0	物理实验(一)			32		32	1.0
军事理论	16				16	1.0	有机化学(一)	52		44		96	6.0
入学教育	1w				1w	0.5	中国语文	22			10	32	2.0
军事训练	2w				2w	1.0	细胞生物学	38		24	2	64	4.0
基础英语(一)	56				56	3.5	大学体育(二)			32		32	1.0
法医学概论	20			4	24	1.5	基础英语(二)	56				56	3.5
合 计	346/ 3w		82	12	440/ 3w	28.0	合 计	364		156	48	568	33.5
总 计	428/3w			12	440/ 3w	28.0	总 计	520			48	568	33.5
选修课程	3.0 学分				488/ 3w	31.0	选修课程	2.0 学分				600	35.5
第三学期							第四学期						
课 程	课 内			课 外	总学 时	学 分	课 程	课 内			课 外	总学 时	学 分
	大课	小课	实验					大课	小课	实验			
基础英语(三)	32				32	2.0	基础英语(四)	32				32	2.0
大学体育(三)			32		32	1.0	医学英语基础	32				32	2.0
医学导论	24				24	1.5	大学体育(四)			32		32	1.0
系统解剖学	48		48		96	6.0	医学免疫学	32	4	12		48	3.0
组织学	30		34		64	4.0	人体寄生虫学	24		30	2	56	3.5
生物化学与分子生物学	78		42		120	7.5	微生物学	42		24	6	72	4.5
							局部解剖学			72		72	4.5
							生理学	74	12		10	96	6.0
							机能实验 1			32		32	1.0
合 计	212		156		368	22.0	合 计	236	16	202	18	472	27.5
总 计	368				368	22.0	总 计	454			18	472	27.5
选修课程	6.0 学分				464	28.0	选修课程	2.0 学分				504	29.5

华中科技大学本科专业人才培养计划

第五学期							第六学期						
课 程	课 内			课 外	总学 时	学 分	课 程	课 内			课 外	总学 时	学 分
	大课	小课	实验					大课	小课	实验			
医学拉丁语		16			16	1.0	形势与政策	32				32	2.0
病理生理学	48	6		2	56	3.5	医学伦理学	28			4	32	2.0
药理学	66	26			92	5.5	实验诊断学	20		20		40	2.5
机能实验 2			64		64	2.0	医学影像学	32				32	2.0
医学遗传学	22		10		32	2.0	内科学	90		6		96	6.0
预防医学	54		18		72	4.5	外科学	90		6		96	6.0
医学心理学	24				24	1.5	妇产科学	36		4		40	2.5
物理诊断学	38	2	40		80	5.0	儿科学	36		4		40	2.5
病理学	58	18	34	2	112	7.0	手术学	4		28		32	2.0
人体胚胎学	16		16		32	2.0	中医学(含针灸学)	54			2	56	3.5
合 计	326	68	182	4	580	34.0	合 计	422		68	6	496	31.0
总 计	576			4	580	34.0	总 计	490			6	496	31.0
选修课程	5.0 学分				488	39.0	选修课程	2.0 学分				528	33.0
第七学期							第八学期						
课 程	课 内			课 外	总学 时	学 分	课 程	课 内			课 外	总学 时	学 分
	大课	小课	实习					大课	小课	实习			
眼科学	20			4	24	1.5	妇产科实习			4w		4w	2.0
神经及精神病学	27			5	32	2.0	影像医学实习			2w		2w	1.0
耳鼻咽喉科学	20			4	24	1.5	精神病学实习			2w		2w	1.0
皮肤性病学	20			4	24	1.5	耳鼻咽喉科学实习			2w		2w	1.0
传染病学	27			5	32	2.0	眼科实习			2w		2w	1.0
核医学	24		3	5	32	2.0	法医病理学	60	16	34	10	120	7.5
循证医学	24				24	1.5	法医物证学	50	10	50	10	120	7.5
内科实习			6w		6w	3.0							
外科实习			6w		6w	3.0							
儿科实习			2w		2w	1.0							
合 计	162		3/ 14w	27	192/ 14w	19.0	合 计	110	26	12w/ 84	20	12w/ 240	21.0
总 计	165/ 14w			27	192/ 14w	19.0	总 计	12w/ 220			20	12w/ 240	21.0
选修课程	2.0 学分				224 14w	21.0	无选修课程					12w/ 240	21.0

华中科技大学本科专业人才培养计划

第九学期							第十学期							
课 程	课 内			课 外	总学 时	学 分	课 程	课 内			课 外	总学 时	学 分	
	大课	小课	实验					大课	小课	实习				
临床法医学	35	16	29		80	5.0	毕业实习			16w		16w	8.0	
法医毒理学	23	10	9	6	48	3.0	毕业考试			1w		1w	0.5	
法医毒物分析	18		27	3	48	3.0	毕业教育			1w		1w	0.5	
法医精神病学	18	8	14	8	48	3.0								
法医法学	12	4			16	1.0								
刑事科学技术	16	8	8		32	2.0								
公务员知识	16				16	1.0								
毕业实习			10w		10w	5.0								
合 计	138	46	87/ 10w	17	288/ 10w	23.0	合 计			18w		18w	9.0	
总 计	271/10w			17	288/ 10w	23.0	总 计					18w	9.0	
无选修课程					288/ 10w	23.0	无选修课程						18w	9.0

注：1-6 学期，每学期安排形势与政策 3 学时。