

**VIETNAM NATIONAL UNIVERSITY - HO CHI MINH CITY
SCHOOL OF MEDICINE**



**MEDICAL TRAINING PROGRAMMME
SPECIFICATIONS
AT THE SCHOOL OF MEDICINE –VIETNAM
NATIONAL UNIVESITY-HO CHI MINH CITY**

ACAMEDIC YEAR 2023

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TRAINING PROGRAMME SPECIFICATION

Description:

Training Major: **Doctor of Medicine**

Name of Degree after graduation: **Doctor of Medicine**

The degree of Doctor of Medicine is signed and sealed by the Chancellor of VNU-HCM and the Dean of the School of Medicine – Vietnam National University Ho Chi Minh City.

Training Level: **Undergraduate**

Major: **Medicine**

Major code: **7720101**

Type of Education: **Full-time**

Training Duration: **06 years**

Lecturers

Training programme structure:

- Organs module by integrating method;
- Module Evaluation by credits.

Teaching methods:

- Teaching in integrated modules and combining knowledge: Theory, medical skills, subclinical practice, clinical practice
- Apply Problem-Based or Case-Based Learning (PBL)

Methods of assessing student learning achievement:

- Formative Assessment and Summative Assessment

Highlights:

- Advanced training strategy towards international integration.
- The number of students meets the requirements of the integrated programme design characteristics. (Small class - Big care).
- Group discussion of 8-10 students to develop comprehensive knowledge, skills and attitudes of learners.
- Approach to clinical situations right from the first year and practical theory until the last year.
- Medical training model is simultaneously hospital-based and community-engaged.

Admission:

Target: 100 students

Recruitment method: Admission

Candidates applying for admission:

+ Candidates graduating from Vietnamese high school programmes or equivalent foreign programmes.

+ Candidates who have graduated from universities in the following disciplines: Biotechnology, Biomedical Engineering, Biology, Biochemistry of member schools of VNU-HCM or universities of English-speaking countries.

I. GENERAL INFORMATION OF THE TRAINING PROGRAMME

1. Training objectives

The medical training programme in the academic year 2023 has changed with higher standards than the current curriculum being applied, helping to improve the training process and output quality. Therefore, the training objectives are strictly consistent with the outcome standards of the programme based on science, evidence and practice to meet the needs of medical examination and treatment, prevention of disease risk factors and comprehensive health care for the people.

a) Overall objectives

- The programme creates a training and learning environment that helps students develop into ethical, professional approach that trained doctors with the ability to work and study for life.

- The programme aims to motivate students to gain specialised knowledge and skills of the industry such as examination, diagnosis and treatment, as well as to develop the ability to do scientific research, the soft skills necessary to operate effectively when working alone or in teams and the ability to integrate quickly and effectively.

b) Specific objectives:

- The Medical training programme is designed based on the learning principles with student-centered criteria, so the specific goal of the programme is to train doctors with high self-study ability, critical thinking and high ability to succeed when participating in the programme related to the graduate industry;

- Provide basic scientific knowledge, solid basic medical knowledge, basic knowledge and skills in clinical medicine, subclinical medicine, preventive medicine and community based on the process of international consultation and consultation while ensuring the general practitioner training framework of the Ministry of Health of Vietnam;

- Develop scientific research capabilities;

- Equip students with the ability to work in medicine-related fields in a professional manner, promote creative capacity, vision and lifelong self-learning ability;
- Develop effective teamwork skills, well support colleagues, serve the community well to meet the needs of caring, protecting, improving the health and quality of life of the community;
- Train students in good medical ethics, good communication skills, foreign language proficiency and good integration ability;
- Ensure continuity with other higher education programmes.

Graduates have the knowledge, skills and competencies:

Objectives	Target Items	Contents
1	Knowledge	Provide basic scientific knowledge, solid basic medical knowledge, basic knowledge and skills in clinical medicine, subclinical medicine, preventive medicine and community based on the process of international consultation and counsel while ensuring the medical training programme framework of the Ministry of Health of Vietnam; Basic knowledge, scientific research as well as new knowledge about the medical industry are accumulated in practical situations. Students can experience, directly observe, discuss, do experiments, solve problems according to their way of thinking, work individually and in groups.
2	Skills	Equip students with the ability to work in medicine-related fields in a professional way. Develop effective teamwork skills, well support colleagues, serve the community well to meet the needs of caring, protecting, improving the health and quality of life of the community; Promote creativity, vision and lifelong self-learning;
3	Attitude	Students have medical ethics and a sound understanding of political, social and legal issues. Train students in good medical ethics, good communication skills, foreign language proficiency and good integration ability.

2. Outcomes of the Training Programme

The Programme Learning Outcomes consists of 06 areas and 15 outcomes.

No.	CLOs- Course Learning Outcomes	Ability Level List
Area 1: Medical Knowledge		
<u>PLO1</u>	Applying basic knowledge of natural and social sciences, basic medical knowledge and clinical medicine in the practice of prevention, diagnosis and health care.	3
<u>PLO2</u>	Integrating knowledge of basic sciences, basic medicine, clinical medicine, and behavioural science in health care practice for individuals and communities.	3.5
Area 2: Caring for the patient		
<u>PLO3</u>	Collecting, synthesising, and analysing complete and comprehensive patient's information through the extraction of medical history, clinical examination, laboratory results and other information sources to establish diagnosis and treatment plan.	3.5
<u>PLO4</u>	Performing common procedures and technologies in diagnosis, first aid and treatment.	3.5
<u>PLO5</u>	Conducting safe, economical and effective drugs prescription; being able to clearly express side effects and adverse events to the patient.	3.5
<u>PLO6</u>	Counselling and recommending preventive measures, living regimens, and nutrition and exercise suitable for patients, families and communities.	3.5
Area 3: Medical ethics and professionalism		
<u>PLO7</u>	Expressing respect for the patient's dignity and self-determination: ensuring fairness in patient care; listening to colleagues, the patient and the patient's family; and empathising with the patient.	3.5
<u>PLO8</u>	Exposing honesty when reporting on the patient's condition and care process, medical errors.	5
Area 4: Communication and Collaboration		
<u>PLO9</u>	Exchanging information effectively and establishing friendly, cooperative and trusting relationships with patients and their relatives about decisions to resolve health problems and making commitments to consensus by document.	4.5

No.	CLOs- Course Learning Outcomes	Ability Level List
<u>PLO10</u>	Interacting effectively with colleagues, interdisciplinary-teams, and partners in a multicultural environment to ensure safe, quality patient care that meets the society's medical, psychological and social needs.	4.5
Area 5: System-Based Practice		
<u>PLO11</u>	Implementing fully legal documents and regulations related to patient care (including regulations related to health insurance) and national standards on patient safety.	4.5
<u>PLO12</u>	Analysing and making patient-centred care decisions based on the latest medical evidence and making effective use of the current healthcare system.	4.5
Area 6: Practice-Based Learning and Improvement		
<u>PLO13</u>	Having the ability to self-identify the limitations of one's own knowledge and skills, update new knowledge and skills, build and implement plans for personal development and lifelong learning.	4
<u>PLO14</u>	Applying digital technology in scientific research, learning, updating medical information, taking care of patients safely, effectively, responsibly and creatively.	5
<u>PLO15:</u>	Being able to inspire, spread confidence, career passion, and motivate others; having the ability of self and team management to achieve the set goals.	5

Competency Qualification Scale

Ability Level List	Description
0.0 -> 2.0	Have known/have heard
2.0 -> 3.0	Be knowledgeable/able to participate
3.0 -> 3.5	Be able to apply
3.5 -> 4.0	Be able to analyse
4.0 -> 4.5	Be able to synthesise
4.5 -> 5.0	Be able to judge

3. Matrix between training objectives and outcomes

PLOs	TRAINING OBJECTIVES		
	OBJECTIVE 1	OBJECTIVE 2	OBJECTIVE 3
PLO1	x		
PLO2	x		x
PLO3			
PLO4	x	x	
PLO5		x	x
PLO6		x	
PLO7	x		x
PLO8	x		x
PLO9,	X		
PLO10		x	x
PLO11		x	x
PLO12			x
PLO13	x	x	
PLO14			
PLO15	x		x

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
I	Philosophy of Marxism and Leninism	X						X	X							
	Political economics of Marxism and Leninism	X						X	X							
	Ho Chi Minh's Ideology	X						X	X							
	History of Vietnamese communist party	X						X	X							
	Foundation of statistics and Informatics	X						X	X					X	X	
	<i>Physical education 1*</i>															
	National Defense Education*	X						X	X							
	Foundations of Biochemistry	X								X	X					X
	Chemistry	X														
II	Scientific Socialism	X						X	X							
	<i>Physical Education 2*</i>															
	National Defence Medicine *			X				X	X		X			X		
	Biophysics	X														
	Cells and Molecular Biology	X								X	X				X	
	Epidemiology		X			X	X				X			X		

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
	First Aid	X		X							X	X				
	Hospital Life	X						X	X	X	X					
	Psychology and Medical ethics	X		X				X	X	X	X				X	
III	English for Medicine 1	X								X	X				X	
	General Law															
	Scientific Research Methodology	X	X	X			X	X	X	X	X	X		X	X	X
	Health Organisation and Management	X	X	X	X		X	X	X	X	X	X			X	
	Demography															
	Anatomy and Physiology of Human Body	X		X							X	X				
	Foundation of Pharmacology	X				X		X	X			X		X	X	
IV	English for Medicine 2	X								X	X				X	
	Cardiovascular system	X		X	X		X		X		X					
	Respiratory System	X		X	X		X		X		X					
	Gastrointestinal System	X		X	X		X		X		X					

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
	Renal and homeostatic systems	X		X	X		X		X		X					
	Neurological system and pain	X		X	X		X		X		X					
	Endocrine system and metabolism	X		X	X		X		X		X					
V	Behavioural Science & Health Education	X		X				X	X			X				
	Musculoskeletal system	X		X	X		X		X		X					
	Haematology and Immunology	X		X	X		X		X		X					
	Skin and senses organs	X		X	X		X		X		X					
	Pathology and Infectious diseases	X		X	X	X	X		X		X			X		
	Nuclear Medicine	X						X	X	X	X	X		X	X	
	Introduction to Biomedical Engineering		X	X				X	X	X		X				X
VI	Health, Environment and Occupational diseases	X		X	X		X		X	X	X			X		

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
	Nutrition and food safety	X		X	X		X		X	X	X			X		
	Gerontology, chronic diseases and disabilities.	X		X	X		X		X		X					
	Reproductive system, Pregnancy and Giving birth	X		X	X		X		X		X					
	New-born, children and adolescents	X		X	X	X	X		X		X					X
	Forensics	X		X	X		X	X	X		X					
	Nursing skills	X		X				X	X		X					
	VII	Clinical Internal Medicine 1	X		X		X	X	X	X	X	X		X		X
Clinical Surgery 1		X		X		X	X	X	X	X	X		X		X	X
Infectious diseases		X		X		X	X	X	X	X	X		X		X	
Traditional Medicine		X		X		X	X	X	X	X	X		X		X	
VIII	Surgery Neurology	X		X		X	X	X	X	X	X		X		X	
	Urology	X		X		X	X	X	X	X	X		X		X	
	Haematology	X		X		X	X	X	X	X	X		X		X	
	Traumatology and Orthopaedics	X		X		X	X	X	X	X	X		X		X	
	Oncology	X		X		X	X	X	X	X	X		X		X	

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
	Rehabilitation	X		X		X	X	X	X	X	X		X		X	
	Anaesthetics	X		X		X	X	X	X	X	X		X		X	
	Diagnostic Imaging	X		X		X	X	X	X	X	X		X		X	
IX	Tuberculosis	X		X		X	X	X	X	X	X		X		X	
	Dermatology	X		X		X	X	X	X	X	X		X		X	
	Internal medicine neurology	X		X		X	X	X	X	X	X		X		X	
	Psychology	X		X		X	X	X	X	X	X		X		X	
	Ophthalmology	X		X		X	X	X	X	X	X		X		X	
	Otorhinolaryngology	X		X		X	X	X	X	X	X		X		X	
	Dentomaxillofacial	X		X		X	X	X	X	X	X		X		X	
	Endocrinology	X		X		X	X	X	X	X	X		X		X	
	Health Community Practice	X		X		X	X	X	X	X	X		X		X	
X	Hospital Management	X						X	X	X	X	X		X	X	
	Medicine Economics	X						X	X	X	X	X		X	X	
	Design Methods in Medical Engineering	X													X	
	Technical Solutions for Medicine	X	X	X				X								

Semester	Module name	PROGRAMME LEARNING OUTCOMES														
		PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15
	Clinical Obstetrics & Gynaecology 1	X	X	X		X	X	X	X	X	X		X		X	X
	Clinical Paediatrics 1	X	X	X		X	X	X	X	X	X		X		X	X
XI	Clinical Obstetrics & Gynaecology 2	X	X	X		X	X	X	X	X	X		X		X	X
	Clinical Paediatrics 2	X	X	X		X	X	X	X	X	X		X		X	X
XII	Clinical Internal Medicine 2	X	X	X		X	X	X	X	X	X		X		X	X
	Clinical Surgery 2	X	X	X		X	X	X	X	X	X		X		X	X
	Graduation Examination/ Graduation Thesis	X	X	X	X		X	X	X	X	X		X	X	X	

II. THE MEDICAL TRAINING PROGRAMME SPECIFICATIONS

Refer to the evidence: [b.1. Brief outline of all modules in the medical training programme](#)

III. POSITION, CAREER OPPORTUNITIES AFTER GRADUATION

As soon as a Doctor of Medicine graduates from Vietnam National University, Ho Chi Minh City there are many opportunities of field, workplace and professional promotion as follows:

Medical examination and treatment activities in public and non-public hospitals of all levels.

Scientific research in biomedical fields at research institutes and scientific centers.

Activities and management in health facilities from the central to local levels. Opportunity and ability to pursue postgraduate training programmes domestically and internationally (at medical schools that have cooperated with Ho Chi Minh City National University such as Vienna International Medical University of Austria, Adelaide University of Australia, Tsukuba University of Japan, Maastricht University of the Netherlands).

Teaching in Universities, Colleges of Medicine.

Working in companies and other medical and pharmaceutical organisations.

Training duration: 06 years.

Candidates Admission: All candidates according to the university and college admission regulations of the Ministry of Education and Training and Vietnam National University, Ho Chi Minh City.

The number of target admission: 100 students/year.

Regulations on training and graduation conditions: Be in compliance with the training regulations of Vietnam National University, Ho Chi Minh City.

Grading scale: according to the training regulations of Vietnam National University, Ho Chi Minh City.

1. Knowledge structure of the medical training programme

No.	Learning Volume	Number of credits
1	Minimum general education knowledge (not to mention the contents: Physical Education and National Defense Education)	19
	- Compulsory Foundation Knowledge	19
	- Elective Foundation Knowledge	00
2	Minimum Professional Knowledge , including:	188
	- Compulsory fundamental knowledge of major	88
	- Elective Fundamental knowledge of major	00
	- Compulsory Fundermental knowledge	97
	- Elective Knowledge of major	03
	Graduation Examination/Graduation Thesis or professional knowledge update	05
	Total	207

Total credits: 207 credits excluding Physical Education, National Defence Education, and National Defence Medicine

2. Detailed programme structure

No.	Module code	Module name	Total credit	Theory	Practice
	Foundation Knowledge		19	15	4
1	LL001	Philosophy of Marxism and Leninism	3	3	0
2	LL002	Political economics of Marxism and Leninism	2	2	0
3	LL003	Ho Chi Minh's Ideology	2	2	0
4	LL004	History of Vietnamese communist party	2	2	0
5	LL005	Scientific Socialism	2	2	0
6	NN047	English for Medicine 1	2	1	1
7	NN048	English for Medicine 2	2	1	1
8	TK001	Foundation of Statistics and Informatics	2	0	2
9	PL001	General Law	2	2	0
10	GD011	Physical education 1*	1.5	0	1.5

No.	Module code	Module name	Total credit	Theory	Practice
11	GD011	Physical education 2*	1.5	0	1.5
12	QP012	National Defense Education*			
13	QY013	National Defence Medicine *	4	3	1
	Fundermental knowledge of major		88	61	27
14	SH017	Foundations of Biochemistry	2	2	0
15	LS008	Biophysics	2	1	1
16	HH009	Chemistry	2	1	1
17	SH019	Cells and Molecular Biology	2	1	1
18	DT002	Epidemiology	4	3	1
19	YC008	Health, environment and occupational diseases	2	2	0
20	YC002	First Aid	2	1	1
21	YC003	Hospital Life	2	1	1
22	YC004	Psychology and medical ethics	2	1	1
23	NC006	Scientific Research Methodology	4	2	2
24	YC031	Health organisation and management	4	3	1
25	YC032	Demography	1	1	0
26	YC009	Nutrition and food safety	2	2	0
27	YC033	Behavioral Science & Health Education	2	2	0
28	YC034	Anatomy and Physiology of Human Body	6	4	2
29	YC016	Foundation of Pharmacology	3	2	1
30	YC035	Cardiovascular system	3	2	1
31	YC036	Respiratory System	3	2	1
32	YC037	Gastrointestinal System	3	2	1
33	YC038	Renal and homeostatic systems	3	2	1
34	YC039	Neurological system and pain	3	2	1

No.	Module code	Module name	Total credit	Theory	Practice
35	YC040	Endocrine system and metabolism	3	2	1
36	YC041	Musculoskeletal system	3	2	1
37	YC042	Haematology and Immunology	3	2	1
38	YC043	Skin and senses organs	3	2	1
39	YC044	Gerontology, chronic diseases and disabilities.	1	1	0
40	YC045	Pathology and Infectious diseases	5	4	1
41	YC046	Reproductive system, Pregnancy and Giving birth	5	4	1
42	YC047	New-born, children and adolescents	5	4	1
43	YC048	Forensics	1	1	0
44	YL041	Nursing skills	2	0	2
	<i>Elective Modules 1</i>		3	3	0
45	YT019	Hospital Management	1	1	0
46	YT018	Medicine Economics	1	1	0
47	YT017	Nuclear Medicine	1	1	0
	<i>Elective Modules 2</i>		3	3	0
48	YT016	Introduction to Biomedical Engineering	1	1	0
49	YT015	Design Methods in Medical Engineering	1	1	0
50	YT014	Technical Solutions for Medicine	1	1	0
	Specialised knowledge		97	20	77
51	YL042	Clinical Internal Medicine 1	6	0	6
52	YL043	Clinical Internal Medicine 2	6	0	6
53	YL044	Clinical Surgery 1	6	0	6
54	YL045	Clinical Surgery 2	6	0	6
55	YL046	Clinical Obstetrics & Gynaecology 1	6	0	6

No.	Module code	Module name	Total credit	Theory	Practice
56	YL047	Clinical Obstetrics & Gynaecology 2	6	0	6
57	YL048	Clinical Paediatrics 1	6	0	6
58	YL049	Clinical Paediatrics 2	6	0	6
59	YL005	Infectious diseases	4	2	2
60	YL029	Tuberculosis	2	1	1
61	YL030	Dermatology	2	1	1
62	YL050	Surgery Neurology	2	1	1
63	YL031	Internal medicine neurology	2	1	1
64	YL032	Psychology	2	1	1
65	YL033	Ophthalmology	2	1	1
66	YL034	Otorhinolaryngology	2	1	1
67	YL035	Dentomaxillofacial	2	1	1
68	YL020	Endocrinology	2	1	1
69	YL026	Urology	2	1	1
70	YL023	Hematology	2	1	1
71	YL024	Traumatology and Orthopaedics	2	1	1
72	YL036	Oncology	2	1	1
73	YL037	Rehabilitation	2	1	1
74	YL038	Anaesthetics	2	1	1
75	YL039	Traditional Medicine	4	2	2
76	YL040	Diagnostic Imaging	2	1	1
77	YL018	Health Community Practice	4	0	4
78	YN003	Graduation exam/ Graduation Thesis	5	0	5
Total			207	99	108

3. Expected teaching plan:

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
Semester 1					15	12	3		
1	1	LL001	Triết học Mác - Lênin	Philosophy of Marxism and Leninism	3	3	0		
	2	LL002	Kinh tế chính trị Mác - Lênin	Political Economics of Marxism and Leninism	2	2	0		
	3	LL003	Tư tưởng Hồ Chí Minh	Ho Chi Minh's Ideology	2	2	0		
	4	LL004	Lịch sử Đảng Cộng Sản Việt Nam	History of Vietnamese communist party	2	2	0		
	5	TK001	Xác suất Thống kê cơ bản và Tin học	Foundation of Statistics and Informatics	2	0	2		25%
	6	SH017	Sinh hóa đại cương	Foundations of Biochemistry	2	2	0		50%
	7	HH009	Hoá học	Chemistry	2	1	1		50%
	8	GD012	Giáo dục quốc phòng – an ninh	National Defence Education					

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	9	GD011	Giáo dục thể chất*	Physical education 1*	1.5		1.5		
Semester 2					16	10	6		
2	10	LL005	Chủ nghĩa xã hội khoa học	Scientific socialism	2	2	0		
	11	LS008	Lý sinh	Biophysics	2	1	1		50%
	12	DT002	Dịch tễ học cơ bản	Epidemiology	4	3	1		50%
	13	SH019	Tế bào & Sinh học phân tử	Cells & Molecular biology	2	1	1		50%
	14	YC002	Sơ cấp cứu	First Aid	2	1	1		50%
	15	YC003	Cuộc sống bệnh viện	Hospital life	2	1	1		50%
	16	YC004	Tâm lý và đạo đức y khoa	Psychology and Medical ethics	2	1	1		50%
	17	QY013	Y học quốc phòng*	National defence medicine*					
	18	GD011	Giáo dục thể chất 2*	Physical education 2*	1.5	0	1.5		
Semester 3					22	15	7		
3	19	NN047	Anh văn 1	English for Medicine 1	2	1	1		100%

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	20	PL001	Pháp luật đại cương	General Law	2	2	0		
	21	NC006	Phương pháp Nghiên cứu khoa học	Scientific Research Methodology	4	2	2		50%
	22	YC031	Tổ chức và quản lý y tế	Health Organisation and Management	4	3	1		25%
	23	YC034	Cơ thể người	Anatomy and Physiology of Human Body	6	4	2		25%
	24	YC032	Dân số học	Demography	1	1	0		25%
	25	YC016	Dược lý học đại cương	Foundation of pharmacology	3	2	1		50%
Học kỳ 4					20	13	7		
4	26	NN048	Anh văn 2	English for Medicine 2	2	1	1		100%
	27	YC035	Hệ tim mạch	Cardiovascular system	3	2	1		25%
	28	YC036	Hệ hô hấp	Respiratory system	3	2	1		25%
	29	YC037	Hệ tiêu hoá	Gastrointestinal system	3	2	1		25%

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	30	YC038	Hệ niệu và cân bằng nội môi	Renal and homeostatic systems	3	2	1		25%
	31	YC039	Hệ thần kinh và sự đau	Neurological system and pain	3	2	1		25%
	32	YC040	Hệ nội tiết và chuyển hoá	Endocrine system and metabolism	3	2	1		25%
Semester 5					17	13	4		
5	33	YC041	Hệ vận động	Musculoskeletal Module	3	2	1		25%
	34	YC042	Huyết học và miễn dịch	Hematology and Immunology Module	3	2	1		25%
	35	YC043	Da và các giác quan	Skin and sense organs	3	2	1		25%
	36	YC045	Sinh vật gây bệnh và bệnh truyền nhiễm	Pathology and infectious diseases	5	4	1		25%
	37	YC033	Khoa học hành vi & Giáo dục sức khoẻ	Behavioral Science and Health Education	2	2	0		50%

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	38	YT017	Tự chọn 1 (Nhóm 1)	Elective 1	1	1	0		15%
	39	YT016	Tự chọn 1 (Nhóm 2)	Elective 1	1	1	0		15%
Semester 6					18	14	4		
6	40	YC008	Sức khoẻ, Môi trường và Bệnh nghề nghiệp	Health, Environment and Occupational diseases	2	2	0		50%
	41	YC009	Dinh dưỡng và Vệ sinh an toàn thực phẩm	Nutrition & Food Safety	2	2	0		25%
	42	YC044	Lão khoa, bệnh mạn tính và tật nguyền	Gerontology, Chronic diseases and Disabilities.	1	1	0		
	43	YC046	Hệ sinh dục, thai nghén và sinh sản	Reproductive system, Pregnancy and Giving birth	5	4	1		25%
	44	YC047	Sơ sinh, trẻ em và vị thành niên	New-born, children and adolescents	5	4	1		25%
	45	YC048	Pháp y	Forensics	1	1	0		

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	46	YL041	Kỹ năng điều dưỡng	Nursing Skills	2	0	2		
Semester 7					20	4	16		
7	47	YL042	Lâm sàng Nội 1	Clinical Internal medicine 1	6	0	6		15%
	48	YL044	Lâm sàng Ngoại 1	Clinical Surgery 1	6	0	6		15%
	49	YL005	Nhiễm	Infectious diseases	4	2	2		15%
	50	YL039	Y học cổ truyền	Traditional medicine	4	2	2		15%
Semester 8					16	8	8		
8	51	YL050	Ngoại Thần kinh	Surgery neurology	2	1	1		15%
	52	YL026	Niệu khoa	Urology	2	1	1		15%
	53	YL023	Huyết học	Hematology	2	1	1		15%
	54	YL024	Chấn thương chỉnh hình	Traumatology and Orthopaedics	2	1	1		15%
	55	YL036	Ung bướu	Oncology	2	1	1		15%
	56	YL037	Phục hồi chức năng	Rehabilitation	2	1	1		15%

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
	57	YL038	Gây mê hồi sức	Anaesthetic	2	1	1		15%
	58	YL040	Chẩn đoán hình ảnh	Diagnostic Imaging	2	1	1		15%
Semester 9					20	8	12		
9	59	YL029	Lao	Tuberculosis	2	1	1		15%
	60	YL030	Da liễu	Dermatology	2	1	1		15%
	61	YL031	Nội Thần kinh	Internal medicine neurology	2	1	1		15%
	62	YL032	Tâm thần	Psychology	2	1	1		15%
	63	YL033	Mắt	Ophthalmology	2	1	1		15%
	64	YL034	Tai mũi họng	Otorhinolaryngology	2	1	1		15%
	65	YL035	Răng hàm mặt	Dentomaxillofacial	2	1	1		15%
	66	YL020	Nội tiết	Endocrinology	2	1	1		15%
	67	YL018	Thực tập cộng đồng	Health Community Practice	4	0	4		15%
Semester 10					14	2	12		

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
10	68	YL046	Lâm sàng Sản phụ khoa 1	Clinical Obstetrics and Gynecology 1	6	0	6		15%
	69	YL048	Lâm sàng Nhi 1	Clinical Pediatrics 1	6	0	6		15%
	70	YT019	Tự chọn 2 (Nhóm 1)	Elective 2	1	1	0		15%
	71	YT015	Tự chọn 2 (Nhóm 2)	Elective 2	1	1	0		15%
	72	YT018	Tự chọn 3 (Nhóm 1)	Elective 3	1	1	0		15%
	73	YT014	Tự chọn 3 (Nhóm 2)	Elective 3	1	1	0		15%
Semester 11					12	0	12		
11	74	YL047	Lâm sàng Sản phụ khoa 2	Clinical Obstetrics and gynaecology 2	6	0	6		15%
	75	YL049	Lâm sàng Nhi 2	Clinical Pediatrics 2	6	0	6		15%
Semester 12					17	0	17		

Semester	NO.	Module Code	Module name		Credit				% Taught in English
			Vietnamese	English (**)	Total	Theory	Practice /experiment	% Practice / Total Credits	
12	76	YL043	Lâm sàng Nội 2	Clinical Internal medicine 2	6	0	6		15%
	77	YL045	Lâm sàng Ngoại 2	Clinical Surgery 2	6	0	6		15%
	78	YN003	Thi tốt nghiệp/khóa luận tốt nghiệp	Final examination/Graduation Thesis	5	0	5		15%
Total					207	99	108		

4. Training process, graduation conditions

Comply with Decision 351/QD-KY dated 11 November, 2022 of the Dean of the School of Medicine on promulgating the Regulation on university-level training.

5. Method of assessment

5.1 Grading scale, component marks, module mark

- Rating scale: on a 10-point scale, a 100-point scale or a 4-point scale is used to record and classify assessment results. The grading scale and grading of learning results are carried out as follows:

Classification	10-point scale	100-point scale	4-point scale	
			Number grade	Letter grade
High Distinction	From 9.0 to 10.0	From 90 to 100 points	4.0	A+
Distinction	From 8.0 to 9.0	From 80 to near 90	3.5	A
Credit	7.0 to 8.0	From 70 to near 80	3.0	B+
Average Good	6.0 to 7.0	From 60 to 70	2.5	B
Pass	5.0 to 6.0	From 50 to near 60	2.0	C
Fail	4.0 to 5.0	From 40 to near 50	1.5	D+
Low Fail	3.0 to 4.0	From 30 to near 40	1.0	D
	< 3.0	Under 30	0.0	F

- Component marks: the learning outcomes of a module are assessed according to the learning process, as shown by the component marks. The number of component marks, the ratio of each type of component mark and the method of evaluating each component mark are specified in the detailed syllabus of each module. The course syllabus is approved and published together with the Training Programme and Training Plan

The component mark of the module includes formative assessment, midterm test results, and final exam results. The total assessment rate for the final exam is not less than 50%; for modules with a volume of less than 02 credits, there may be only one assessment score.

5.2. Summative Assessment result

a) The summative assessment used to evaluate a course is called the summative assessment or the module final mark (hereinafter referred to as the module final score). A module summative assessment is a grade that evaluates a student's overall performance over the course of the semester for that module.

b) The rounding and grading of letter grades is specified as follows:

The component points are rounded to 0.1;

- The final score of the course is rounded to 0.5. Odd points below 0.25 are rounded to 0.0; odd points from 0.25 to below 0.75 are rounded to 0.5; odd points from 0.75 to below 1.0 are rounded to 1.0.

- For graduation thesis scores, the scores of council members are rounded to 0.1. The average score of the members is rounded to 0.5. The points given by the members of the council, by the instructor and by the reviewer must not deviate by more than 2 points. In case of deviation of more than 2 points, the Board must consult and consider for appropriate adjustment and be decided by the Chairman of the Council.

6. How to calculate the general average score

6.1. Semester GPA, GPA, total GPA are calculated according to the formula:

$$A = \frac{\sum_{i=1}^n a_i \times n_i}{\sum_{i=1}^n n_i}$$

In which:

- + A is the semester GPA or GPA, total GPA
- + ni is the number of credits of the module i
- + ai is the point of the module i
- + n is the total number of modules taken in the semester/academic year/course

6.2. Notes when calculating the GPA

- Cases of not being allowed to participate the examination or absent from the examination are counted as 0 points; some special letter grades are not included in the GPA (see Article 28)
 - In case student learns a module for times, the highest result will be used.
 - For elective subjects, the GPA is calculated from the highest score of the number of credits specified in the group of elective subjects.
- GPA is used to consider the classification of learning results, academic processing and graduation ranking, calculated according to the highest subject score in each study.
- Exempt and reserved subjects: not included in the semester GPA, GPA, total GPA.