

MIDWIFERY CURRICULUM AT UNIVERSITY LEVEL

MINISTRY OF HEALTH
NAM DINH UNIVERSITY OF
NURSING

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

CURRICULUM

(Issued together with Decision No. 1378 / QD-DDN dated June 2, 2016 by the Rector of Nam Dinh University of Nursing)

Name of the program:	Full-time midwifery curriculum based on the system of credit
Training level:	Bachelor
Sector:	Midwifery
Sector code:	7720302
Form of training:	Full-time
Title after graduation:	Midwife

1. TRAINING OBJECTIVES

1.1. General objectives

Training midwifery bachelors to have professional practice competency according to the law, professional ethics standards and the standard of midwifery skills at university level; to have health and thinking ability; to work independently and in coordination; to be creative, self-study and do scientific research; to be able to manage and develop the profession to meet the needs of protection, care and improvement of people's health, reproductive health in general and health of mothers and the newborn and children under 5 years old in particular.

1.2. Specific objectives

After graduation, the midwife are capable of :

1. Understanding the knowledge and gaining skills in the areas of reproductive health, obstetrics, neonatology, social science, public health and professional ethics. These knowledge and skills are the foundation to provide appropriate care for mothers, newborn babies and their families suitable with the cultural elements of the community.

2. Providing high quality maternal and child health care services; effectively using communication channels to establish, communicate, provide information about health status, counseling and reproductive health education, family planning and preparation for motherhood.

3. Providing comprehensive and high-quality prenatal, natal and postnatal care services; respecting cultural identity and being suitable with socio-economic conditions to ensure the best health of mothers and newborn babies.

4. Organizing and implementing effectively first aid and emergency; prevention, early detection and timely management of obstetric complications; managing and recording medical records according to regulations; using and managing medicine, medical equipment safely and effectively.

5. Using scientific evidence, application of informatics and foreign languages, using communication, coordination, leadership and professional management skills to improve the quality of care and safety for mothers and children born; Implementing and participating in doing scientific research, technical innovations in professional practice to improve the quality of care, patient safety and professional development.

6. Performing comprehensive care suitable to individual needs; respecting abortion-related cultural and belief factors for women who want to end pregnancy or women who have miscarriage according to the law and under national guidelines for health care reproduction.

7. Doing the job according to the laws, regulations of the health sector and standards of professional ethics.

1.3. Position and workplace of learners after graduation

- Midwives, Head midwives at domestic and foreign medical facilities.
- Lecturers at the facilities training midwifery and some branches of the health sciences sector.

1.4. Possibilities of studying to improve the level after graduation

- Masters, PhD in midwifery and health majors.
- Clinical nurse specialist in Obstetrics and Gynecology.

2. TIME OF TRAINING: 4 years

3. THE VOLUME OF KNOWLEDGE

No	The volume of knowledge	Numbers of credits
1	General knowledge <i>*Excluded Military & Security, Physical Education</i>	31
2	Professional knowledge	
	▪ Basic Professional knowledge	21
	▪ Professional knowledge	67
	▪ Elective knowledge	12
	▪ Graduation internship	4
	▪ Graduation thesis / Graduation module	8
Total:		143

** Not including 165 periods of Military Education and 90 periods of Physical Education*

4. OBJECTS FOR RECRUITMENT

- Graduation from high school (grade 12 and equivalent).
- Admissions according to the regulations of the Ministry of Education and Training.

5. TRAINING PROCESS, GRADUATION CONDITIONS

Following the Document No. 17 / VBHN-BGDDT dated May 15, 2014 by the Minister of Education and Training on promulgating the Consolidated Document Decision No. 43/2007 / QD-BGDDT and Circular 57/2012 / TT-BGDDT of the Minister of Education and Training on full-time university and college training regulations under the credit system, the formal training system of universities and colleges under the credit system Issued together with Decision No. 992 / QD- CEO dated June 26, 2015 of the Rector of Nam Dinh Nursing University.

6. SCORE SCALE

- 6.1. The scores to evaluate each part and final test is graded according to a scale of 10 (from 0 to 10), rounded to one decimal place.

6.2. Final score of the module is the total score of all parts of the module's assessment multiplied by the corresponding average. The semester grade rounds to one decimal place, then is converted to the following letter grade:

a) Pass:

No	The scale of 10	The scale of letter	The scale of 10
1	From 9,0 to 10	A+	4,0
2	From 8,5 to 8,9	A	4,0
3	From 8,0 to 8,4	B+	3,5
4	From 7,0 to 7,9	B	3,0
5	From 6,5 to 6,9	C+	2,5
6	From 5,5 to 6,4	C	2,0
7	From 5,0 to 5,4	D+	1,5
8	From 4,0 to 4,9	D	1,0

b) Fail:

No	The scale of 10	The scale of letter	The scale of 10
1	Under 4,0	F	0,0

c) For those modules that are not eligible to count the average scores of semesters, when rating, the following symbols are used:

I Not enough data to evaluation.

X Test results have not been received yet.

d) For those modules that are allowed to transfer points by the University, when assessing the rating, the R mark is used with the results, when rating, the R mark is used with the results.

7. PROGRAM CONTENT

7.1 Compulsory subjects (General knowledge, fundamental knowledge and specialized knowledge)

No	Knowledge	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite module
				Total	Theory	Practice	Intern		
1	General knowledge	PHIL101	Principles of Marxist and Lennis I	2	2			30	
2		PHIL102	Principles of Marxist and Lennis II	3	3			45	
3		PHIL103	Ho Chi Minh Ideology	2	2			30	
4		PHI104	Revolution Lines of Vietnam Communist Party	3	3			45	
5		ENG101	English 1	4	4			60	
6		ENG102	English 2	4	4			60	
7		INF100	Information Technology	3	2	1		60	
8		CHE100	Chemistry	2	1	1		45	
9		BIO100	Biology - Genetics	2	1	1		45	
10		PHE100	Physical Education *	3		3		90	
11		MIE100	Military Education *	8	6	2		165	
12	Fundamental knowledge	LAW200	Introduction to laws	2	2			30	
13		MPS200	Probability and statistics for medicine	2	2			30	
14		ANA200	Anatomy - Embryonic tissue	5	4	1		90	BIO100
15		PPA200	Physiology - Immune Pathophysiology	5	4	1		90	
16		MIC200	Microbiology - Parasites	4	3	1		75	
17		BIC200	Biochemistry	2	1	1		45	
18		PHA200	Pharmacology	4	3	1		75	
19		NUT200	Nutrition - Abstinence	2	1	1		45	
20		PSY200	Medical psychology - Medical ethics	2	2			30	
21		FUN201	Fundamental Nursing 1 and first aid	4	2	2		90	
22		FUN202	Fundamental Nursing 2	2	1	1		45	

No	Knowledge	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite module
				Total	Theory	Practice	Intern		
23		IFC25400	Infection control	2	1	1		45	
24	Socialized knowledge	MID31500	Communicate in professional practice	2	1	1		45	
25		MID32001	Women's health care and Andrology	4	2	1	1	105	FUN21601; FUN21602
26		MID32002	Normal pregnancy care	4	1	1	2	135	FUN21601; FUN21602; MID31500
27		MID32003	Risk pregnancy care	3	2		1	75	
38		MID32004	Normal Labor and Delivery care	4	1	1	2	135	
29		MID32005	Abnormal Labor and Delivery care	4	2	1	1	105	
30		MID32006	Normal postpartum care for mother	4	1	1	2	135	MID32004
31		MID32007	Postpartum care for mothers at risk	3	1	1	1	90	MID32002
32		MID32008	Newborn care	4	1	1	2	135	
33		MID31900	Take care of children under 5 years old	4	2		2	120	MID31900
34		MID34501	Population - Family planning	3	1	1	1	90	
35		MID34502	Safe and comprehensive abortion	3	1	1	1	90	
36		MID32001L	Practice in obstetric- gynecological, Family planning 1	4			4	180	MID32002; MID32004; MID32006
37		MID32002L	Practice in obstetric- gynecological, Family planning 2	4			4	180	MID32001L
38		MID32009	Reproductive health care in community	2	1		1	60	.MID32008; MID31900
39		MID32010	Midwifery management	4	4			60	
40		MID32011	Evidence-based practice and Scientific research in Midwifery care	3	2		1	75	EP41400
41			Optional object	12					
42		MID32003L	Graduation practice	4			4	180	

No	Knowledge	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite module
				Total	Theory	Practice	Intern		
43		MID36100	Thesis / graduate module	8				360	
			Total						

7.2. Optional subject

No	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite module
			Total	Theory	Practice	Intern		
1	ENG401	Advanced English	4	4			60	
2	ENG402	Specialized English	4	4			60	
3	SIM400	Using software in Medicine	2	1	1		45	
4	EPI400	Epidemiology	2	1	1		45	
5	HEP400	Improve health and human behavior	2	1	1		45	
6	DIN410	Disaster nursing	2	2			30	
7	TAR400	National health programs	2	2			30	
8	HED400	Health education	2	1	1		45	
9	EOH400	Environmental health	2	1	1		45	
10	MID41701	Medical	2	1		1	60	
11	MID41702	Take care of Medical patients	2	1		1	60	
12	MID41801	Surgery	2	1		1	60	
13	MID41802	Take care of surgical patient	2	1		1	60	
14	HIV400	Take care of people with HIV / AIDS	4	3	1		75	

No	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite module
			Total	Theory	Practice	Intern		
		Total	20	13	3	4		

7.3. Additional modules used when students are not eligible to do graduation theses

No	Module code	Name of the module	Numbers of credits				Total of periods	Prerequisite conditions
			Total	Theory	Practice	Intern		
1	MID41900	Integrated Management of Childhood Illness	4			4	180	
2	MID42004	Advanced maternity care	4	1		3	150	
3	MID42005	Take care of mothers before, during and after obstetric- gynecological surgery	2	1		1	60	
4	MID42006	Take care of patients with genital cancer	2	2			30	
5	MID42007	Prenatal care, prenatal screening	2	2			30	
6	MID42200	Health care by traditional medicine	2	1		1	68	
		Tổng	16	7		9		

Statistics of class hours of training programs

The volume of knowledge	Hours of theory	Hours of practice in Lab	Hours of intern in clinic/ community	Percentage of practical hours/total	Remark

				hours	
Basic science	330	90			
Fundamental sector	390	300		43,48	
Specialized	510	300	1710	79,76	
Total	1230	690	1710	74,15	<i>Not including the knowledge of basic science</i>

The regulation of module codes

- *The first letter is the abbreviation of the English name of the module.*
 - *The next number defines the knowledge volume (Number 1: general knowledge, No. 2: fundamental sector knowledge, number 3: specialized knowledge, number 4: optional subjects)*
 - *The next two numbers are the module code*
 - *The last two numbers are to determine which subject has more modules*
 - *The last letter L is defined as the hospital practice module*
- * One credit is specified by 15 periods of theory; 30 periods of practice and experiments at the school; 45 hours of practice in hospitals and communities; Graduation internship, writing graduation thesis.
- * A theory session is defined as 4 periods; a practical or experimental session at the school; or at the hospital/ the community is regulated as 5 periods

8. TEACHING PLAN

The full-time midwifery training program is allocated into 8 semesters (4 years), each year has 2 main semesters, each main semester has at least 15 weeks of study and 3 weeks of examination. The plan for teaching modules of the semesters throughout the course must ensure the systematic and logical nature of the curriculum, comply with the prerequisites of each module and the current regulations.

Teaching must be reasonable to ensure the sufficient amount of knowledge specified in the curriculum and meet the objectives of training with high quality and efficiency.

SEMESTER 1:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	INF100	Information technology	3	30	30	
2	PHE100	Physical education	3		90	
3	BIO100	Biology - Genetics	2	24	20	
4	CHE100	Chemistry	2	20	25	
5	ANA200	Anatomy - Embryonic tissue	5	60	30	
6	PHIL101	Principles of	2	30		

SEMESTER 2:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	PSY200	Medical psychology - Medical ethics	2	30		
2	MIC200	Microbiology - Parasites	4	45	30	
3	BIC200	Biochemistry	2	25	20	
4	PPA200	Physiology - Immune Pathophysiology	5	60	30	
5	MIE100	Military Education *	8	90	75	
		Total:	21	250	155	

		Marxist and Lennis I				
7	LAW200	Introduction to laws	2	30		
		Total:	19	194	195	

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**SEMESTER
3:**

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	ENG101	English 1	4	60		
2	PHIL102	Principles of Marxist and Lennis II	3	45		
3	NUT200	Nutrition - Abstinence	2	15	30	
4	FUN201	Fundamental Nursing 1 and first aid	4	30	60	
5	COM200	Communication in professional practice	2	15	30	
6	PHA200	Pharmacology	4	45	30	
7	MPS200	Probability and statistics for medicine	2	30		
		Total:	21	240	150	

SEMESTER 4:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	PHIL103	Ho Chi Minh Ideology	2	30		
2	ENG102	English 2	4	60		
3	FUN202	Fundamental Nursing 2	2	15	30	
4	IFC200	Infection control	2	15	30	
5	HED400	Health education (Optional)	2	15	30	
6	EOH400	Environmental health (Optional)	2	15	30	
7	MID32001	Women's health care and Andrology	4	30	30	45
		Total:	18	180	150	45

SEMESTER 5:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	MID32002	Normal pregnancy care	4	15	30	90
2	MID32003	Risk pregnancy care	3	30		45
3	MID32004	Normal Labor and Delivery care	4	15	30	90
4	MID32005	Abnormal Labor and Delivery care	4	30	30	45
5	MID31900	Take care of children under 5 years old	4	30		90
		Total	19	120	90	360

SEMESTER 6:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	MID32006	Normal postpartum care for mother	4	15	30	90
2	MID32007	Postpartum care for mothers at risk	3	15	30	45
3	MID32008	Newborn care	4	15	30	90
4	MID32001L	Practice in obstetric-gynecological, Family planning 1	4			180
5	PHIL104	Revolution Lines of Vietnam Communist Party	3	45		
		Total	18	90	90	405

SEMESTER 7:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	MID34501	Population - Family planning	3	15	30	45
2	MID34502	Safe and comprehensive abortion	3	15	30	45
3	MID32002L	Practice in obstetric-gynecological, Family planning 2	4			180
4	MID32011	Evidence-based practice and Scientific research in Midwifery care	3	30		45
5		Optional subject	8			
		Total	21	60	60	315

SEMESTER 8:

No	Module code	Name of the module	Numbers of credits	Numbers of periods		
				Theory	Practice	Intern
1	MID32009	Reproductive health care in community	2	15		45
2	MID32010	Midwifery management	4	60		
3		Internship	4			180
4		Thesis/ Graduate module	8			
		Total	18	75	0	225

9. GUIDANCE FOR IMPLEMENTATION OF THE CURRICULUM

9.1. Legal Bases for building the curriculum

Education Law of 2005 National Assembly of the Socialist Republic of Vietnam, passed on June 14, 2005; Amend some articles in November 2009;

- Law on Higher Education No. 08/2012 / QH13 June 18, 2012 of the National Assembly of the Socialist Republic of Vietnam;

- Resolution No. 46-NQ / TW dated February 23, 2005 of the Politburo on the protection, care and improvement of people's health in the new situation;

- Decision No. 153/2006 / QD-TTg of the Prime Minister issued on June 30, 2006, approving the "Master Plan for development of Vietnam's health system in the period up to 2010 and vision to 2020 ";

- National strategy for protection, care and improvement of people's health in the period 2011-2020 and vision to 2030;

- Planning for development of health human resources in the period 2011-2020;

- Basic capacity standards of Vietnamese midwives issued together with Decision No. 342 / QD-BYT of January 24, 2014 of the Ministry of Health.

- Joint Circular 26/2015 / TTLT-BYT-BNV of the Ministry of Health and the Ministry of Home Affairs Regulatory codes of professional titles Nursing, Midwifery and Medical Y.

- The Ministry of Education and Training's Health Education Framework Program, issued with the Circular No. 01/2012 / TT-BGDDT dated January 13, 2012.

- Decision No. 3982 / QD-BYT dated October 3, 2014 of the Ministry of Health approving the guidance document "Basic skills of midwives"

- Decision No. 4673 / QD-BYT dated November 10, 2014 of the Ministry of Health approving professional guidance documents "Essential care for mothers and babies during and immediately after birth"

Programs and training materials for university-level midwifery are posted on the website of the Ministry of Health and the Department of Science, Technology and Training, Ministry of Health (in Dispatch 2513 / BYT-K2DT dated December 27 2014 of the Ministry of Health on the dissemination of programs and training materials for midwives at university level;

The program is built on competencies and taught according to the training system of credit, reducing the number of hours of presentation, giving the appropriate time for

students to self-study, to read documents, to discuss and do exercises. and to practice career skills.

9.2. The implementation of the program

9.2.1. professional practice

Practice in the laboratory and preclinical room

Organizing laboratory practice and preclinical rooms in groups from 15-30 students / a practice room in order to ensure students to have enough practical time.

Practice in hospitals

Students have chances to practice at the university's practice hospital, participate in caring and monitoring patients, make the care plan, manage the wards , and do care techniques under the guidance of the university's lecturers, visiting lecturers at practice facilities.

Practice in communities

Students can practice the community health care at commune and ward health stations which are the community practice areas of the university.

9.2.2. Teaching/ learning methods

Considering learners as a center, highly appreciating students' initiative in learning and self-study, respecting "real learning and practice"

Applying teaching and learning methods to promote the activeness, initiative and creativity of students, help students form the professional competences of midwives.

Enhancing the effectiveness of the practical sessions in lab, in pre-clinical center, in hospital and community on the basis of building detailed lesson plans, focusing on guidance and facilitating students to enhance self-practice, self-assessment and assigning teachers of the univeristy in collaboration with visiting lecturers at practical faicilities to train, monitor, supervise and support the clinical practice activities of students; developing plans, methods, tools of assessment in accordance with each competency and techniques to take care of patients.

9.2.3. Student evaluation

According to the current regulations of Ministry of Education and Training and the university

Combining lots of methods of evaluation, highly regarding the evaluation of the process.

The form of evaluation, the number of periodic tests and the weighting of each evaluation form is clearly stated in the detailed curriculum outline approved by the Rector and published to students when starting teaching the module.

9.2.4. Do graduation thesis or learn to accumulate graduation knowledge

9.2.4.1. Do graduation thesis

- Conditions for graduation thesis:

+ Students have completed and passed all the modules (except for graduation internship) by the time of considering to assign the graduation thesis.

+ The average scores of students counted from the first test to the time of considering to assign the graduation thesis are not below 2.80.

+ Ethical score: students have a full-time ethical score with good grades or higher.

+ Students register for graduation thesis at the right time.

+ Quantity: annually, the Rector decides the number of students who do graduation thesis depending on the current conditions of instructors, facilities and academic achievement of students regarding from the highest level., but does not exceed 15% of the total number of full-time students.

- Topic for graduation thesis

Students will choose one of the topics of clinical nursing; Nursing management or community in accordance with career orientation and desire after graduation to do graduate thesis. The list of topics decided by the rector depends on the conditions of the practical facilities and instructors.

- Graduation thesis is calculated into the cumulative average scores of the whole course.

- Evaluating graduation thesis according to the regulations of the Ministry of Education and Training and the university's regulations.

9.2.4.2. Study some modules and take exam

- Objects: Students do not qualify for graduation thesis.

- Students register to study and take exams some modules in the additional knowledge if do not want to do graduation thesis.

- Satisfactory study and examination of modules registered with the volume equivalent to the number of credits for graduation thesis (8 credits).

- The scores of these modules are calculated into the cumulative GPA of the course.

9.3. Minimum conditions for implementing the training program

9.3.1. Faculty

- Lecturers teaching midwives must meet lecturers standards according to the regulations of the Ministry of Education and Training.
- Teaching theory and practice in the laboratory, practice room at university by lecturers
- Teaching practice in hospitals and communities by lecturers and visiting lecturers

9.3.2. Facilities

- Training institutions must ensure facilities according to regulations and current guidelines of the Ministry of Education and Training such as lecture halls, libraries, practice rooms, practice, modern equipment for active teaching, computer room with internet connection.
- Each division with practical contents must have at least 01 laboratory, to ensure the area and be fully equipped according to the professional regulations of the Ministry of Health. Focus on fully equipped and modern for the rooms to train maternity skills and pre-clinical practice rooms.
- Enough network of Hospitals practiced from the provincial level upwards, community practice facilities meet the training program objectives.

10. BRIEF DESCRIPTION OF MODULES CONTENT

10.1. General curriculum

PHIL101: The basic principles of Marxism - Leninism 1. (2 credits)

Content: According to the program of Political Theory courses of university and college level for non-specialized students of the Minister of Education and Training issued together with Decision No. 52/2008 / QD-BGDDT dated on September 18th, 2008.

PHIL102: The basic principles of Marxism - Leninism 2. (3 tín chỉ)

Content: According to the program of Political Theory courses of university and college level for non-specialized students of the Minister of Education and Training issued together with Decision No. 52/2008 / QD-BGDDT dated on September 18th, 2008.

PHIL103: Ho Chi Minh's thought. (2 credits)

Content: According to the program of Political Theory courses of university and college level for non-specialized students of the Minister of Education and

Training issued together with Decision No. 52/2008 / QD-BGDDT dated on September 18th, 2008.

PHIL104: Revolutionary ways of the Communist Party of Vietnam. (3 credits)

Content: According to the program of Political Theory courses of university and college level for non-specialized students of the Minister of Education and Training issued together with Decision No. 52/2008 / QD-BGDDT dated on September 18th, 2008.

ENG101: English 1. (4 credits)

Content: Equipping students to meet the requirements of foreign language ability (B1 level) in accordance with the Circular No. 01/2014 / TT-BGD DT dated January 24, 2014 of the Ministry of Education and Training on the issuance of the Foreign language Competency Framework 6-level used for Vietnam

ENG102: English 2. (4 credits)

Contents: Equipping students to meet the requirements of foreign language ability (B1 level) in accordance with the Circular No. 01/2014 / TT-BGD DT dated January 24, 2014 of the Ministry of Education and Training on the issuance of the Foreign language Competency Framework 6-level used for Vietnam

INF100: Information Technology (3 credits)

Content: Equipping students with standard information technology skills according to Circular No. 03/2014 / TT-BTTTT dated on March 11, 2014 of the Ministry of Information and Communications on promulgating the standard of Information Technology skill

MIE100: Defense and security program education. (8 credits - Certification)

Content: According to Joint Circular No. 18/2015 / TTLT-BGD DT-BLĐTBXH dated September 8, 2015 regarding the Regulation on organization of teaching and assessment of learning outcomes of Defense and security program education in vocational education institutions and higher education institutions.

PHE100: Physical Education Program. (3 credits - Certification)

Content: According to the Circular 25/2015 / TT-BGDDT dated October 14, 2015 of the Ministry of Education and Training regulating on Physical Education program belong to university-level training programs.

BIO100: Biology and genetics. (2 credits)

Content: Equipping students with the most basic capabilities of a number of genetic rules governing traits in people from which there is general knowledge about human genetics, causes, mechanisms of parthenogenesis of groups of

diseases, hereditary diseases in which people have general knowledge about people in normal and pathological state as the foundation for implementing nursing techniques and human care .

CHE100: Chemistry. (2 credits)

Content: Equipping students with basic and systematic chemistry capabilities to explain the knowledge for relevant modules such as biochemistry, epidemiological hygiene, microbiology As a basis for serving and explaining the processes of metabolism in the body, natural processes which are involved in nursing.

LAW200: General law (2 credits)

Content: Equipping students with basic competencies in a number of important law disciplines in life and legal provisions related to the field of health care and nursing practice, model of organization and operation of domestic health facilities. Helping students become aware of their working environment after graduation, their duties, responsibilities and powers at different medical facilities. Knowledge of organizing a medical facility to operate effectively, ensuring safety and quality.

10.2. Knowledge base of the sector

MPS200: Probability - Medical statistics. (2 credits)

Content: Equip students with basic knowledge of probability and medical statistics. Handling statistics; Application of statistical TESTs appropriate to each situation. Ability to apply to scientific research topics

PSY200: Medical psychology and ethics. (2 credits)

Content: Equipping students with basic capabilities of psychology of patients from which to know how to care for patients in 3 areas of Psychology - physiology and society and practice according to professional ethics standards.

ANA200: Anatomy - Tissue. (5 credits)

Content: Equipping students with basic capabilities in position, shape, function, constitutive structure, microstructural activity of organs, tissues and organ systems in the human body. The formation and development of human embryos. The regulation of function in a unified relationship between agencies to ensure the body exists, develop normally and adapt to the changing environment. The study of Anatomy - Tissue creates a basis for detecting, explaining and handling the functional disorders of the body from which to apply to the study of the modules

MIC200: Microbiology - Parasites. (4 credits)

Content: Equipping students with basic capabilities of infection and virulence factors of microorganisms and parasites; biological characteristics, harms,

laboratory diagnostic methods, measures to prevent infection of diseases caused by microorganisms and parasites.

BIC200: Biochemistry. (2 credits)

Content: Equipping students with knowledge about the molecular basis of life, about the chemical substances that make up the living organism, the transformation of substances and concentrations of those substances in each cell, in biological fluids of the living body. The basis for providing knowledge for the relevant modules at the molecular level. Create conditions for students to acquire knowledge of other modules more easily and deeply, such as physiology, pathophysiology, nutrition, ...

PPA200: Physiologic. Pathophysiology - Immunity (5 credits)

Content: Equipping students with basic competencies in functions and functional functions of each cell, each organ and organ system in the human body, regulating functions in their unified relationship together to ensure that the body exists and develops normally and is adaptable to the changing environment. The study of physiology provides the basis for detecting, explaining and handling the functional disorders of the body, thus giving measures to ensure and improve human health.

Equipping students with knowledge about the system of organs and cells involved in immune response, the role of the immune system in the ability to resist disease of the body, basic knowledge of the mechanism immune response disorders, about the rule of typical pathological processes. The manifestations and mechanisms cause pathological manifestations of diseased organs and organs. Pathophysiology - Immunology equips scientific reasoning facilities for health officials to explain, practice and scientific research.

PHA200: Pharmacological. (4 credits)

Content: The module provides students with general knowledge about absorption, distribution, metabolism and elimination of drugs in the human body. Helping students have the ability to present the effects, unwanted effects, mechanisms of action and usage of some common drugs, especially those used in obstetrics; recognize the type of drug, characteristics, effects of some basic drugs at the practice room. Applying this knowledge in other modules of Midwifery training and in the process of caring of midwives ..

NUT200: Abstinence nutrition. (2 credits)

Content: Equipping students with nutrition knowledge: basic nutrition; nutrition for ages; effects of nutrition on health - disease; method of evaluating nutritional status; How to build diets for ordinary people and patients, food hygiene and safety knowledge to be able to advise patients more about disease and how to use nutrients in health care at the same time providing students with skills while performing a nurse's mission.

IFC25400: Infection control. (2 credits)

Content: Equipping students with the capabilities of the organizational system to prevent infection, the safety of patients in the hospital environment; acquired infections in the hospital; infection control procedures, using evidence related to infection.

FUN21601: Basic Nursing 1- First aid. (4 credits)

Content: The module enhances accurate tracking skills and understands those tracks in order to improve, implement and evaluate effective and appropriate care plans. The module also introduces principles of resource management in implementing health care. The module introduces the basic aspects of nursing care. Includes patient assessment (pulse/blood pressure/temperature/breathing); fluid replacement and body care therapy; wound treatment and pain control. Teach emergency skills in emergency situations.

FUN21602: Basic Nursing 2. (5 credits)

Content: The objective of this module is to provide midwives with basic nursing skills in clinical care for patients, ensuring respect for individuality and cultural characteristics of patients.

10.3. Specialized knowledge

MID31500: Communication in professional practice. (2 credits)

Content: The module focuses on communication between midwives and mothers to ensure that mothers receive appropriate health care and support. Research on communication with other health workers, on factors affecting communication including culture, quality of education, understanding of health and gender. Identify the role of midwives in identifying domestic violence and assisting women who are violent.

MID32001: Health care for women and men (4 credits)

Content: The module equips midwives with a role in reproductive health care in the community and throughout life. It includes women's health from the onset of menstruation until menopause and provides midwives an understanding of men's

sexual health, human reproductive activity and cultural influence. . Support the midwife's ability to perform reproductive health care from adolescents to seniors in a variety of sensitive and cultural ways. Emphasize the role of midwife as an educator

MID32002: Take care of normal pregnant mothers (4 credits)

Content: The module helps develop midwife's understanding of physiological changes that occur during pregnancy and applies the principles of psychology and communication in pregnant health care. Extend knowledge of histological and embryonic development. Introducing principles that reinforce and strengthen the prenatal health care work including diagnosis, monitoring and education

MID32003: Caring for at risk pregnant woman (3 credits)

Content: The module helps midwives recognize differences in normal pregnancy and aims to provide safe and effective health care for mothers centered in complex situations. Ensure mothers are properly transferred to maximize health for both mothers and babies

MID32004: Normal Labor and Delivery care (4 credits)

Content: The module emphasizes labor and birth and plans to assess and care for labor of midwives and doctors during labor and delivery. Take special care to relieve pain for laboring mothers. Introduce the procedure for cesarean section, episiotomy, support for Foc-ablation or suction and epidural anesthesia Provide midwives with knowledge to identify, monitor and manage labor and delivery. Applying knowledge related to pathophysiology of labor and normal delivery to provide health care to support mothers capable of normal childbirth

MID32005: Abnormal Labor and Delivery care (4 credits)

Content: The purpose of this module is to prepare the midwife to recognize abnormalities and prepare health care for mothers with abnormalities during labor. Focus on understanding the signs and symptoms of difficult labor; Other complications for timely intervention and appropriate referral or interdisciplinary consultation

MID32006: Nomal postpartum care for mother (4 credits)

Content: The module builds on the topic of reproduction and studies the recovery of the body after birth. Milk secretion and postpartum maternal evaluation include uterine contractions, uterine height and bleeding status. Focus on healthy normal babies. Simultaneously with the health care of children under 1 year of age,

including breastfeeding and bathing, the recovery of children and evaluation are also mentioned in this module.

MID32007: Postpartum care for mothers at risk (3 credits)

Content: The module is designed so that midwives can apply the knowledge of principles of postpartum care in complex situations. This includes identifying and managing obstetric and indicative complications that need to be done in emergency situations, including emergency care and referral treatment.

MID32008: Newborn care (4 credits)

Content: The module helps students with the ability to develop normal newborn care skills. Researching areas of concern when caring for newborns and detecting abnormalities; taking care of babies with difficulties in normal functions such as breathing and sucking. Emergency and transfer interventions are also covered in this module

MID31900: Care for children under 5 years old (4 credits)

Content: The module studies the development of normal babies and young children. Focus on normal developmental milestones and common causes leading to abnormal development and the role of midwives in educating mothers about caring for babies and young children. The module is also focused and emergency and referral.

MID34501: Population - Family planning (4 credits)

Content: The module studies on population and demographics of Vietnam. Contraceptives built on the basis of reproductive physiology have been taught in the subject of Women's Health Care; refers to the use of contraceptives for all age groups and health counseling.

MID34502: Safe and comprehensive abortion (4 credits)

Content: The module provides knowledge, skills, and attitudes about: national policies, laws, regulations, and guidelines for safe abortion implementation; factors affecting women during abortion and abortion procedures; pre-, while and post-abortion counseling is appropriate and effective for each subject, paying attention to abortion cases because of gender selection. Safe and comprehensive abortion methods.

MID32001L: Practicing obstetrics and gynecology and family planning 1 (4 credits)

Content: The module of clinical practice enhancement helps midwives practice the skills they learn under the supervision of experienced midwives and obstetricians.

The purpose is to develop the ability to take care of mothers in the process of raising children.

MID32002L: Practicing obstetrics and gynecology and family planning 2 (4 credits)

Content: The module of clinical practice enhancement helps midwives practice the skills they learn under the supervision of experienced midwives and obstetricians. The purpose is to develop the ability to take care of mothers in the process of raising children.

MID32009: Community reproductive health care (2 credits)

Content: The course builds on the knowledge of midwives and reproductive health with the aim of strengthening the role of midwives in the practice of effective health care and improving public health, focusing primarily into a setting outside of the hospital where the midwife practices, including providing appropriate consultation and referral to the place where the mother and the child can receive better care

MID32010: Maternity Management. (4 credits)

Content: The module introduces the role of midwives in providing maternal and infant health care in the Vietnamese context. Explain and develop the importance of a female-centered approach. The module is based on legal and ethical practices. Study the international influence on the development of the midwifery sector, especially when they relate to Vietnam in the context of the Asia-Pacific region.

MID32011: Evidence-based practice and Scientific research in Midwifery care (3 credits)

Content: The module enhances the need for grassroots practices and encourages midwives to actively participate in the development of midwifery knowledge. The course is designed to help students understand evidence-based research methods and improve critical thinking and analytical skills.

10.4. Optional knowledge

ENG401: Advanced English. (4 credits)

Content: This module provides students with advanced English grammar issues, from which they can use common words, grammar, academic style and conversation style, sentence construction, methods of scientific presentation ...

SIM400: Use software in Medicine. (2 credits)

Content: Equipping students with knowledge and skills on using SPSS software to manage, process and analyze data collected during the investigation process for scientific research.

EPI400: Epidemiology. (2 credits)

Content: Equipping students with basic knowledge and skills in general epidemiology and epidemiology of infectious and non-communicable diseases.

HEP400: Improve health and human behavior (2 credits)

Content: Equipping students with the concepts of health of different subjects in society, the basic knowledge and skills of improving health and behavioral science.

DIN400: Disaster nursing. (2 credits)

Content: Equipping students with knowledge and skills on disaster nursing and measures to educate the community about disasters and prevention.

TAR400: National health programs. (2 credits)

Content: Equipping students with the content and solutions to minimize the impact of diseases in the National Target Program on Health, aiming to improve the quality of protection and care activities and improve people's health.

HED400: Health education. (2 credits)

Content: Equip students with the ability to practice proper communication skills - health education to help people and patients perform healthy health behaviors to reduce the diseases incidence and disability.

EOH400: Environmental health. (2 credits)

Content: Equip students with general principles of knowledge based on research methods to collect basic health information. Study on the distribution and determinants of the distribution of pollutants (risks) in soil, water, air, labor environment ... and assess the impact on public health in Health care reality.

MID31701: Medical pathology. (2 credits)

Content: Equipping students with basic skills, knowledge and skills about Medical diseases

MID31702: Taking care of medical patients. (2 credits)

Content: Equipping students with basic knowledge and skills in health care for Internal Medicine, Counseling for patients, family members and the community to prevent complications and enhance health in medical

MID31801: Surgical pathology. (2 credits)

Content: Equip students with basic skills, knowledge and skills about surgical diseases

MID31802: Taking care of surgical patients. (2 credits)

Content: Equipping students with basic skills, knowledge and skills in the care of surgical diseases, foreign specialties. With two stages of caring for patients before surgery and taking care of patients after surgery; Applying nursing procedures to identify, analyze and implement a surgical patient care plan

HIV400: Take care of people with HIV/AIDS. (4 credits)

Content: Equipping students with knowledge and skills on prevention and care of people with HIV / AIDS, having enough confidence to implement health care for the community, especially young people towards improving quality. amount of protection and care of people's health.

10.5. Alternative professional modules

MID42003. Sexually transmitted diseases: 2 credits

Content: Equipping students with knowledge about sexually transmitted diseases, skills to care for patients with sexually transmitted diseases and preventive measures

MID41900: Managing integration of IMCI children: 4 credits

Content: Equipping students with knowledge and skills on assessment, classification, determination of treatment, treatment and consultation for children from 0 to 2 months of age, children from 2 months to 5 years.

MID42004: Advanced Midwifery Care: 2 credits

Content: This module focuses on a number of common diseases that can affect pregnancy and childbirth (diabetes, hypertension, appendicitis ...) and how to care for women with this disease during pregnancy. morning sickness, labor and postpartum. Introduce the knowledge and procedures for treatment of pathological conditions that can be encountered in maternal care during the nursing period. At the same time, the module provides knowledge and assessment skills, treatment methods, prevention of these medical conditions during pregnancy, labor and postpartum.

MID42005: Taking care of mothers before, during and after gynecological surgery (2 credits)

Content: Equipping students with knowledge and skills on maternal care before, during and after obstetrics and gynecology surgery, have enough confidence to carry out health care for mothers towards the goal of reducing the ears Obstetrical variables, improve the quality of people's protection and health care activities

MID42006: Caring for patients with genital cancer: (2 credits)

Content: The module equips midwives with knowledge about common genital cancers, skills in caring for patients with genital cancer

MID42007: Prenatal care and prenatal screening, perinatal psychology: (2 credits)

Content: The module equips midwives with knowledge and skills on prenatal care, prenatal screening, perinatal psychology for the purpose of improving and improving the quality of pregnancy in the future, helping to detect early Abnormal phenomena during pregnancy, helping couples increase their chances of having healthy children. Prenatal care provides information to warn women about issues related to conception and pregnancy, to identify some of the risks of pregnancy to the mother and fetus, to provide knowledge about those This risk and intervention are appropriate when possible before the time of conception.

MID42200: Health care by traditional medicine (2 credits)

Content: The module equips students with basic knowledge and skills on a number of methods of maternal and child health care by acupuncture, acupuncture, massage, acupuncture points, and nutrition.

10.6. Graduation internship. (4 credits)

Content: Graduation Internship is an important part of the training program, helping students to accumulate and perfect the necessary competencies of a college-level midwife in the practice of Midwifery before good career to school, meeting basic capacity of Vietnamese midwives.