

EUROPEAN MEDICAL UNIVERSITY

SYLLABUS of ACADEMIC DISCIPLINE "Obstetrics and Gynecology"

Specialty	222 "Medicine"
Educational level	II (educational professional) "Master of Medicine"
Educational program	EPP "Medicine"
Department	Department of obstetrics, gynecology, and pediatrics.
Syllabus compiler	Zherzhova T. O.

Dnipro

1. Status and structure of the discipline

Discipline status	Mandatory
Code of the discipline in the EPP/place of the discipline in the EPP	EC 20, professional training discipline
Course/semester	4th, 5th, 6th year (7th, 10th, 11th (12th) semesters),
Scope of the discipline (total number of hours/ number of ECTS credits)	330 hours / 11 ECTS credits
Number of modules	3
Number of content modules	7
Structure of the discipline	4th year Lectures 8 hours Practical exercises 42 hours Independent work 40 hours 5th year Lectures 10 hours Practical classes 40 hours Independent work 40 hours 6th year Practical classes 70 hours Independent work 80 hours
Education language	English
Form of study	Full-time
Type of final check	Exam

2. Description of the discipline

Brief summary of the course, relevance: "Obstetrics and Gynecology" is an academic discipline that gives an idea of the basics of family medicine and emergency medicine in Gynecology, which provides for the integration of teaching with this discipline and formation of skills to apply knowledge of Gynecology in the process of further training and in professional activities. The discipline lays the foundations for healthy lifestyle and prevention, diagnosis and treatment of diseases at the individual, family and population level for the implementation of professional activities of a doctor.

Prerequisites: "Obstetrics and Gynecology" as an academic discipline offered in the IV year is based on the knowledge acquired by students in the following disciplines: anatomy, histology, physiology, pathological anatomy, pathological physiology, propaedeutics of internal medicine, pharmacology, and lays the foundations for the study of gynecology

Purpose of the course and its significance for professional activity: The purpose of teaching the discipline "Obstetrics and Gynecology" is : to study the organization of gynecological care; to master the method of examination of gynecological patients; to master the skills of applying laboratory, instrumental, clinical, anamnestic methods of examination; to master the ability to diagnose diseases and provide first aid, to master the principles of treatment of gynecological patients in an outpatient clinic and hospital; to form practical skills in providing emergency care in gynecology; to master diagnostic methods, of treatment of gynecological diseases; to quickly make a diagnosis, to make the right decision, after that, to correctly perform certain actions (possibly manual) and save the life, to protect health and well-being of women; to prevent gynecological diseases; to determine the etiological and pathogenetic factors of the main diseases of the female reproductive system; perform the necessary medical manipulations; plan and provide emergency care for emergencies in gynecology; master systematized knowledge on the organization of obstetric care; master the methodology of examination of pregnant women; master the skills of applying laboratory, instrumental, clinical, anamnestic methods of examination; master the ability to diagnose diseases and provide first aid, master the principles of treatment of obstetric patients in an outpatient clinic and hospital; form practical skills for providing emergency care in obstetrics; master the methods and techniques of manual labor, diagnostics,, treat perinatal complications; ability to quickly make a diagnosis, make the right decision, after that, correctly perform certain actions (possibly manual) and save not only one, but two lives,, protect the health and well-being of women and their children; study of the prevention of obstetric and perinatal complications; study of pathogenetic factors of the main diseases of the female reproductive system; study of the methodology of necessary medical manipulations; mastering the ability to plan and provide emergency care for emergencies in obstetrics.

Postrequisites: disciplines that require knowledge, skills and abilities acquired after completing the study of this discipline. Obstetrics and Gynecology as an academic discipline is based on the knowledge gained by students in the study of Endocrinology, Urology, Oncology, Surgery, Vertebrology and integrates with these disciplines.

3. Results of training.

Program learning outcomes (PLO) correspond to the codes PLO 1 - PLO 10, PLO 12, PLO 14, PLO 17, PLO 18, PLO 21 - PLO 25, PLO 27, PLO 28, PLO 29.

PLO 1	Have a thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integrating knowledge. Be responsible for professional development, the ability to further professional training with a high level of autonomy.
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PLO 2	Understanding and knowledge of fundamental and clinical biomedical sciences at a level sufficient to solve professional problems in the field of healthcare.
PLO 3	Specialized conceptual knowledge that includes scientific achievements in the field of healthcare and is the basis for conducting research, critical understanding of problems in the field of Medicine and related interdisciplinary problems.
PLO 4	Identifying leading clinical symptoms and syndromes (according to list 1); according to standard methods, using preliminary data of the patient's medical history, patient examination data, knowledge about the person, his organs and systems, establishing a preliminary clinical diagnosis of the disease (according to list 2).
PLO 5	Collecting complaints, life history and diseases, evaluate the patient's psychomotor and physical development, the state of organs and systems of the body, based on the results of laboratory and instrumental studies, evaluating information about the diagnosis (according to list 4), considering the patient's age
PLO 6	Establishing the final clinical diagnosis by making a justified decision and analysing the obtained subjective and objective data of the clinical, additional examination, conducting differential diagnosis, observing the relevant ethical and legal regulations, under the supervision of the head doctor in the conditions of a health care institution (according to list 2).
PLO 7	Prescribing and analysing additional (mandatory and optional) examination methods (laboratory, functional and/or instrumental) (according to list 4), patients with diseases of organs and body systems for differential diagnosis of diseases (according to list 2).
PLO 8	Determining the main clinical syndrome or the cause of the severity of the victim's condition (according to list 3) by making a justified decision and assessing the person's condition under any circumstances (in the conditions of a health care institution, outside it), including in an emergency situation and combat operations, in the field, in conditions of lack of information and limited time.
PLO 9	Determining the nature and principles of treatment of patients (conservative, operative) with diseases (according to list 2), taking into account the age of the patient, in the conditions of a health care institution, outside it and at the stages of medical evacuation, including in the field, on the basis of a preliminary clinical diagnosis, adhering to appropriate ethical and legal norms, by making a justified decision according to existing algorithms and standard schemes, if necessary, expand the standard scheme to be able to justify personalized recommendations under the supervision of a doctor-manager in a medical institution
PLO 10	Determining the necessary mode of work, rest and nutrition based on the final clinical diagnosis, adhering to appropriate ethical and legal regulations, by making a justified decision according to existing algorithms and standard schemes.
PLO 12	Assessing the general condition of a newborn child by making a justified decision based on existing algorithms and standard schemes, observing appropriate ethical and legal norms.
PLO 14	Determining tactics and providing medical care in emergency situations (according to list 3) in a limited time in accordance with existing clinical protocols and treatment standards.

PLO 17	Making medical manipulations (according to list 5) in a medical institution, at home or at work on the basis of a preliminary clinical diagnosis and / or indicators of the patient's condition by making a justified decision, while observing appropriate ethical and legal regulations.
PLO 18	Determining the state of functioning and limitations of a person's life activity and the duration of disability with the registration of relevant documents, in the conditions of a health care institution based on data on the disease and its course, features of a person's professional activity, and so on. Maintaining medical documentation regarding the patient and the population on the basis of regulatory documents.
PLO 21	Searching for the necessary information in professional literature and databases of other sources, analysing, evaluating and applying this information
PLO 22	Applying up-to-date digital technologies, specialized software, and statistical methods of data analysis to solve complex healthcare problems
PLO 23	Assessing impact of the environment on human health to assess the state of morbidity in the population.
PLO 24	Providing the necessary level of individual safety (your own and those you care about) in case of typical dangerous situations in the individual field of activity.
PLO 25	Clearly and unambiguously deliver own knowledge, conclusions and arguments on health issues and related issues to specialists and non-specialists
PLO 27	Communicating fluently in Ukrainian and English, both orally and in writing, to discuss professional activities, research and projects.
PLO 28	Making effective decisions on health issues, evaluate the necessary resources, and consider social, economic, and ethical consequences.
PLO 29	Planning, organizing and carrying out measures for specific prevention of infectious diseases, including according to the national schedule of preventive vaccinations, both mandatory and recommended. Managing vaccine residues, organizing additional vaccination campaigns, including immunoprophylaxis measures.

Results of training for the discipline:

Mastering the discipline ensures that applicants acquire the following competencies:

integral: the ability to solve complex tasks and problems in the field of healthcare in the specialty "Medicine" in professional activity or in the course of training, which involves research and/or innovation and is characterized by uncertainty of conditions and requirements; general competencies (GC): according to codes GC 1 - GC 15.

Code	Characteristics of general competence
GC 1	Ability to think abstractly, analyze and synthesize
GC 2	Ability to learn and master up-to-date knowledge
GC 3	Ability to apply knowledge in practical situations
GC 4	Knowledge and understanding of the subject area and understanding of professional activities
GC 5	Ability to adapt and act in a new situation
GC 6	Ability to make justified decisions

GC 7	Ability to work in a team
GC 8	Ability for interpersonal interaction
GC 9	Ability to communicate in English
GC 10	Ability to use information and communication technologies
GC 11	Ability to search, process and analyze information from various sources
GC 12	Certainty and perseverance in relation to the tasks set and responsibilities assumed
GC 13	Awareness of equal opportunities and gender issues
GC 14	Ability to exercise rights and obligations as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine
GC 15	The ability to preserve and increase the moral, cultural, scientific values and achievements of society based on understanding of the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society and technology, to use various types and forms of motor activity for active recreation and having healthy lifestyle.

Special (professional) competencies (PC): according to the codes PC1 - PC 17, PC 21 - PC 25.

Code	Characteristics of special competence
PC 1	Ability to collect medical information about a patient and analyze clinical data
PC 2	Ability to determine the necessary list of laboratory and instrumental studies and evaluate their results
PC 3	Ability to define preliminary and clinical diagnosis of the disease
PC 4	Ability to determine the necessary mode of work and rest in the treatment of diseases.
PC 5	Ability to determine the nature of nutrition in the treatment of diseases
PC 6	Ability to determine the principles and nature of treatment of diseases
PC 7	Ability to diagnose emergency conditions
PC 8	Ability to determine tactics and provide emergency medical care
PC 9	Ability to carry out medical and evacuation measures
PC 10	Ability to perform medical manipulations
PC 11	Ability to solve medical problems in new or unfamiliar environments in case of incomplete or limited information considering aspects of social and ethical responsibility
PC 12	Ability to determine the tactics of managing physiological pregnancy, physiological childbirth, and the postpartum period. Skills in advising on family planning and choosing a method of contraception
PC 13	Ability to carry out sanitary & hygienic and preventive measures
PC 14	Ability to plan and carry out preventive and anti-epidemic measures against infectious diseases
PC 15	Ability to provide expert examination of working capacity
PC 16	Ability to maintain medical records, including electronic forms

PC 17	Ability to assess impact of the environment, social&economic and biological determinants on the health status of an individual, family, or population
PC 21	Clearly and unambiguously deliver own knowledge, conclusions and arguments on health issues and related issues to specialists and non-specialists, in particular to students
PC 22	Ability to manage health care workflows that are complex, unpredictable, and require new strategic approaches
PC 23	Ability to develop and implement scientific and applied projects in the healthcare sector
PC 24	Compliance with ethical principles when working with patients and laboratory animals
PC 25	Compliance with professional and academic integrity, being responsible for reliability of the obtained scientific results

4. Content and logistics of the discipline.

Module 1 "Obstetrics and Gynecology"	During 7th semester	Lectures 1-8 Practical classes: No. 1-10 Independent work topics: No. 1-10
Module 2 "Obstetrics and Gynecology"	During 10th semester	Lectures 11-23 Practical classes: No. 11-23 Independent work topics: No. 11-23
Module 3 "Obstetrics and Gynecology"	During 11 (12)th semester	Practical classes: No. 24-39 Independent work topics: No. 24-39

The discipline includes:

17 lecture topics

39 practical classes topics

39 independent work topics

List of lecture topics by modules

Module 1 "Obstetrics and Gynecology"

- Topic 1 Organization of obstetric and gynecological services in Ukraine. The role of a family doctor in providing obstetric and gynecological care.
- Topic 2 Anatomical and physiological features of the female body.
- Topic 3 Violation of functions of the reproductive system. Amenorrhea. Abnormal uterine bleeding
- Topic 4 Neuroendocrine syndromes in gynecology.
- Topic 5 Benign tumors of the female reproductive system
- Topic 6 Background and precancerous diseases of the female genital organs.
- Topic 7 Inflammatory diseases of the female genital organs.
- Topic 8 "Acute abdomen" in gynecology.

Module 2 "Obstetrics and Gynecology"

- Topic 9 Physiology of childbirth. Pain relief of childbirth
- Topic 10 Physiology of the postpartum period. Physiology of the newborn period.

- Topic 11 Fetal distress during pregnancy and childbirth. Delayed fetal development.
- Topic 12 Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.
- Topic 13 Preterm birth
- Topic 14 Anomalies of fetal position and presentation. Multiple pregnancy
- Topic 15 Anomalies of uterine labor activity. Operative obstetrics. Birth injuries.
- Topic 16 Obstetric bleeding during the second half of pregnancy, during childbirth, and in the postpartum period. Algorithm for providing emergency care for obstetric bleeding.
- Topic 17 Postpartum septic diseases.

List of topics of clinical classes according to modules and content modules

Module 1 "Obstetrics and Gynecology"

Content module 1

"Endocrine disorders of the female reproductive system"

- Topic 1 Physiology of the female genital organs. Methods of examination of gynecological patients. General symptomatology of gynecological diseases. COVID-19-diagnosis, tactics, management , prevention, impact on women's reproductive health.
- Topic 2 Neuroendocrine regulation. Violation of functions of the reproductive system.
- Topic 3 Neuroendocrine syndromes in gynecology.

Content module 2

"Fundamentals of oncogynecology"

- Topic 4 Benign tumors of the female genital organs. Endometriosis.
- Topic 5 Background and precancerous diseases of the female genital organs. Malignant neoplasms of the genitals. Trophoblastic diseases.

Content module 3

"Inflammatory diseases of the female genital organs and gynecological diseases that require urgent care"

- Topic 6 Inflammatory diseases of the female genital organs.
- Topic 7 "Acute abdomen" in gynecology.

Content module 4

"Infertile marriage. Family planning"

- Topic 8 Infertile marriage.
- Topic 9 Family planning.
- Topic 10 Final modular control.

Module 2 "Obstetrics and Gynecology"

Content module 1

"Physiological course of pregnancy, childbirth and the postpartum period"

- Topic 11 Female pelvis. The fetus as an object of labor. Physiology of pregnancy. Methods of examination of pregnant women.
- Topic 12 Perinatal fetal protection. Acute respiratory disease COVID-19 -diagnosis. Tactics of management of pregnant and gynecological patients, treatment, prevention.
- Topic 13 Physiology of childbirth. Pain relief of childbirth.
- Topic 14 Physiology of the postpartum period. Physiology of the newborn period.

Content module 2

"Pathological course of pregnancy, childbirth and the postpartum period"

- Topic 15 Fetal distress during pregnancy and childbirth. Delayed fetal development.
- Topic 16 Isoantigenic incompatibility of maternal and fetal blood
- Topic 17 Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.
- Topic 18 Spontaneous abortion
- Topic 19 Preterm birth
- Topic 20 Anomalies of fetal position and presentation. Multiple pregnancy
- Topic 21 Anomalies of uterine labor activity. Operative obstetrics. Birth injuries.
- Topic 22 Obstetric bleeding during the second half of pregnancy, during childbirth, and in the postpartum period. Algorithm for providing emergency care for obstetric bleeding.
- Topic 23 Postpartum septic diseases.

Module 3 "Obstetrics and Gynecology"

Content module 1

"Symptoms and syndromes in obstetrics and gynecology"

- Topic 24 Violation of menstrual function in reproductive age. Acyclic uterine bleeding. Amenorrhea. Neuroendocrine syndromes. Physiological and pathological conditions in the perimenopausal period. COVID-19-diagnosis, management tactics , treatment, impact on women's reproductive health.
- Topic 25 Female urogenital inflammatory diseases.
- Topic 26 Benign neoplasms of women genitals.
Dyshormonal diseases of the breast. Endometriosis.
- Topic 27 Background and precancerous diseases of the female genital organs. Malignant neoplasms.
- Topic 28 Emergency conditions in gynecology. Surgical interventions in gynecology. Preparation and postoperative management of gynecological patients with urgent and planned surgical interventions. Small gynecological operations. Prevention of HIV infection.
- Topic 29 Infertility. Modern aspects of family planning. Methods of contraception. Medical criteria for the acceptability of WHO methods of contraception.
- Topic 30 Practicing skills in a simulation center
- Topic 31 Physiological pregnancy, childbirth, and the postpartum period.
Perinatal fetal protection. Pharmacotherapy in obstetrics.
- Topic 32 Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.
- Topic 33 Premature termination of pregnancy. Prolonged pregnancy. Multiple pregnancy. Placental dysfunction, fetal developmental delay, fetal distress. Immunological incompatibility of maternal and fetal blood. Abnormalities of the ovum.
Perinatal infections.
- Topic 34 Pelvic bone abnormalities. The problem of macrosomia in modern obstetrics. Mismatch between the fetal head and the mother's pelvis.
Incorrect positions and pelvic presentation of the fetus.
- Topic 35 Bleeding during pregnancy, childbirth, and the postpartum period. Hemorrhagic shock. DIC-syndrome
- Topic 36 Anomalies of contractile activity of the uterus. Birth injuries of the mother and fetus. Modern approaches to the diagnosis and treatment of birth injuries of the mother and fetus.

- Topic 37 Surgical interventions in obstetrics. Postpartum septic diseases.
- Topic 38 Emergency conditions in obstetrics. Intensive care and resuscitation for bleeding in obstetrics.
- Topic 39 Pregnancy and childbirth in extragenital diseases. Prevention of vertical transmission of HIV. COVID-19 in pregnant women.

List of topics for independent work within content modules

Module 1 "Obstetrics and Gynecology"

Content module 1

"Endocrine disorders of the female reproductive system"

- Topic 1 Methods of examination of gynecological patients. General symptomatology in gynecology.
- Topic 2 Violation of functions of the reproductive system.
- Topic 3 Neuroendocrine syndromes in gynecology.

Content module 2

"Fundamentals of oncogynecology"

- Topic 4 Benign tumors of the female genital organs. Endometriosis. Breast neoplasms.
- Topic 5 Precancerous diseases of the female genital organs

Content module 3

"Inflammatory diseases of the female genital organs and gynecological diseases that require urgent care"

- Topic 6 Inflammatory diseases of the female genital organs
- Topic 7 "Acute abdomen" in gynecology.

Content module 4

"Infertile marriage. Family planning"

- Topic 8 Infertile marriage
- Topic 9 Family planning
- Topic 10 Preparing for the final control

Module 2 "Obstetrics and Gynecology"

Content module 1

"Physiological course of pregnancy, childbirth and the postpartum period"

- Topic 11 Female pelvis. The fetus as an object of labor.
- Topic 12 Physiology of pregnancy. Examination of pregnant women. Perinatal fetal protection.
- Topic 13 Physiology of childbirth. Pain relief of childbirth.
- Topic 14 Physiology of the postpartum period. Physiology of the newborn period.

Content module 2

"Pathological course of pregnancy, childbirth and the postpartum period"

- Topic 15 Fetal distress during pregnancy and childbirth. Delayed fetal development.
- Topic 16 Isoantigenic incompatibility of maternal and fetal blood
- Topic 17 Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.
- Topic 18 Spontaneous abortion
- Topic 19 Preterm birth
- Topic 20 Anomalies of fetal position and presentation. Multiple pregnancy
- Topic 21 Anomalies of uterine labor activity. Operative obstetrics. Birth injuries.

- Topic 22 Obstetric bleeding during the second half of pregnancy, during childbirth, and in the postpartum period. Algorithm for providing emergency care for obstetric bleeding.
- Topic 23 Postpartum septic diseases.

Module 3 "Obstetrics and Gynecology"

Content module 1

"Symptoms and syndromes in obstetrics and gynecology"

- Topic 24 Anatomy of the female genital organs. Functional diagnostic tests.
- Topic 25 Microecosystem of the vagina in different periods of life. Specific and non-specific inflammatory diseases of the female genital organs: diagnostic algorithms.
- Topic 26 Self-examination of the mammary glands. Extragenital endometriosis. Methods of treatment of benign uterine tumors.
- Topic 27 Risk factors for the occurrence of malignant neoplasms.
- Topic 28 Differential diagnosis of "acute abdomen"
- Topic 29 Contraception in adolescents, in reproductive age, post-abortion and emergency.
- Topic 30 Female pelvis, planes, dimensions. External examination of a pregnant woman. Pharmacotherapy during pregnancy and lactation. Teratogenic effect of the medicine. Partogram.
- Topic 31 Treatment of early gestosis. Diagnostic criteria and algorithm of actions for severe preeclampsia. Emergency care for eclampsia.
- Topic 32 Clinical stages of spontaneous miscarriage. Tocolytic drugs, indications, anti-indications. Assessment of cardiotocography and FBP
- Topic 33 Types of narrow pelvis, biomechanism of labor with various variants of presentation and insertion of the head.
- Topic 34 Determination of acceptable "physiological" blood loss in childbirth. Methods for assessing blood loss. Uterotonics (recipes). The volume and composition of infusion and transfusion therapy depending on the degree of hemorrhagic shock.
- Topic 35 Variants of labor anomalies, correction.
- Topic 36 Caesarean section, technique. Conditions, indications, and categories of urgency. Extragenital septic postpartum diseases.
- Topic 37 Algorithm of emergency care for massive obstetric bleeding. Cardiopulmonary resuscitation in pregnant women (algorithm)
- Topic 38 Intrauterine infections: pregnancy complications, diagnosis, prevention.
- Topic 39 Medical and social indications for late termination of pregnancy (12 weeks). Degrees of obstetric risk in extragenital pathology.

Topics of the lecture course: reveal problematic issues in the relevant sections "Obstetrics and Gynecology".

Practical classes provide theoretical justification of the main issues of the topic and acquiring **the following practical skills:**

List of practical skills:

1. Collect and evaluate obstetric medical history.

2. Conducting external obstetric examination of pregnant women: Leopold's techniques, pelvimetry, diagnosis of narrow pelvis, auscultation of the fetal heartbeat. Conducting internal obstetric examination.
3. Determining duration of pregnancy and childbirth, determining the estimated weight of the fetus.
4. Assessing the intrauterine state of the fetus according to cardiotocography, FBP, Doppler blood flow in the umbilical cord vessels.
5. Providing obstetric care during physiological childbirth. Management of the postpartum period.
6. Determining the condition of the newborn on the Apgar scale. Performing the primary cleaning of the newborn.
7. Assessing the nature of labor activity. Drawing up a scheme for medical correction of labor anomalies.
8. Developing algorithms for providing emergency care for obstetric bleeding.
9. Developing algorithms for providing emergency care for severe forms of preeclampsia.
10. Developing algorithms for providing emergency care for shock conditions in obstetrics.
11. Developing algorithms for providing emergency care for fetal distress during pregnancy and childbirth.
12. Collecting and evaluating gynecological history.
13. Performing examination and palpation of the mammary glands.
14. Performing basic gynecological examinations (examination of the external genitalia, examination with mirrors, bimanual examination).
15. Collecting material from the vagina, urethra, and cervical canal.
16. Interpreting the results of cytological, histological, bacterioscopic, and bacteriological studies.
17. Interpreting the results of colposcopic and ultrasound examinations.
18. Interpreting the results of tests to diagnose the functional state of the ovaries.
19. Making a plan for examining a patient with various types of gynecological pathology.
20. Planning treatment and prevention modes for various types of gynecological pathology.
21. Developing an algorithm for providing emergency care for uterine bleeding, "acute abdomen".
22. Making a plan for preoperative preparation for planned and urgent gynecological operations. Management of the postoperative period.
23. Making a survey plan for a married couple in an infertile marriage.
24. Providing advice on family planning and selecting various methods of contraception.
25. Conducting counseling, diagnosis, treatment, and prevention of sexually transmitted infections.

Independent work of a student provides for preparation for practical classes and final control, studying topics for independent out-of-class work, preparing abstract reports, presentations, tables.

Control of learning results of topics of independent out-of-class work is carried out during the class and during final control in the discipline.

Individual work includes the study of scientific literature, preparation of reviews on the submitted topics for presentation, implementation of scientific and practical research, participation in specialized competitions, scientific and practical conferences, competitions of student scientific papers.

Calendar plans of practical classes, thematic plan of independent extracurricular work, scope and directions of individual work are published on the website of the Department.

Route for receiving materials: Website of EMU /Student/[Department of Obstetrics, Gynecology and Pediatrics](#) / Educational and methodological support of the Department/ Obstetrics and Gynecology / or follow the link [Department of Obstetrics, Gynecology and Pediatrics](#), discipline "Obstetrics and Gynecology". Materials are accessed from the student's Office 365-based corporate account.

5. Forms and methods of monitoring learning success

Current control in practical classes	Methods: individual oral survey, structured written works, test tasks with the choice of correct answers.
Control of mastering the thematic section of the discipline in intermediate control classes	Methods: oral or written survey, electronic testing, <i>methods of self-control and self-assessment</i> .
Final semester control at the end of the 11th (12th) semester	According to the regulation on control measures in EMU (regulation of EMU)
Final control of the discipline - <i>exam</i>	Methods: by exam cards in the form of an oral exam, monitoring of acquiring of practical skills (According to the Regulation on control measures in EMU (Regulation of EMU)).
Tools for diagnosing learning success	Theoretical questions, tests, clinically oriented situational tasks, practical tasks, demonstration of practical skills.

6. Evaluation criteria

Knowledge assessment is carried out according to regulation on control measures in EMU ([regulation of EMU](#)).

Current control	According to the four-point system of traditional grades: 5 "Excellent", 4 "Good", 3 "Satisfactory", 2 "Unsatisfactory"
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Control of practical skills	According to the four-point system of traditional grades
Exam	Based on a 200-point scale (the sum of points for the current academic activity of the student, the result of passing the exam and for successful completion of an individual task, if any) Credited: 120 to 200 points For current academic activities: 72 to 120 points For the exam: 48 to 80 points Not credited: less than 120 points (see Rating scale)
Final control for the discipline	The final control of students' academic performance is carried out after completing the study of the discipline and is implemented in the form of an exam in the 11th (12th) semester.
Discipline assessment:	The score on the discipline is determined based on the results of assessment of current activities and is expressed using a four-point scale : ("Excellent", "Good", "Satisfactory", "Unsatisfactory"), multi-point scale and ECTS. The assessment in the discipline consists of an assessment of the current academic performance and the result of passing the exam (in points), which is set when evaluating theoretical knowledge and practical skills in accordance with the list defined by the discipline program. The number of points that the applicant scored for current academic performance in the discipline is defined as the arithmetic mean of the number of points that the applicant received during the study of the discipline (practical, seminar, laboratory classes, etc.). The resulting value of the average traditional rating is converted to points according to the scale of conversion of traditional ratings to rating points. The maximum number of points is 200.

Matching grades on a 200-point scale, a 4-point (traditional) scale, and ECTS scale

On a 200-point scale	Rating on a 4-point scale	On a 200-point scale	ECTS evaluation
180–200	Excellent	192–200	A
140–179	Good	172–191	B
120–139	Satisfactory	148–171	C
0–119	Unsatisfactory	128–147	D
		120–127	E
		0–119	F

Discipline/course policy

The student has the right to receive high-quality educational services, access to up-to-date scientific and educational information, qualified advice during the study of the discipline and mastering practical skills. The policy of the department in the provision of Educational Services is student-centered, based on the regulatory documents of the Ministry of Education and the Ministry

of Health of Ukraine, the Charter of the EMU and the procedure for providing educational services regulated by the regulation on the organization of the educational process in the EMU and the principles of academic integrity.

Compliance with the EMU schedule, safety precautions in the classroom.

Requirements for preparing for practical classes.

Students should arrive at classes on time, without being late. A student who is more than 10 minutes late for classes is not allowed in and must work it out in accordance with the established procedure. During practical classes, the student must wear a work uniform (medical gown, cap). Students who do not have a work uniform are not allowed to attend classes. The student must follow the safety rules during practical classes and while staying in the Department's premises. When discussing theoretical issues, students should demonstrate tolerance, politeness and respect for their colleagues and the teacher; when performing practical tasks, the workplace should be kept in order and cleaned after completing practical work.

Use of mobile phones and other electronic devices. The use of mobile phones and other electronic devices in the classroom is not allowed, only during Distance Learning, provided that it is technically necessary.

Academic integrity. When studying the discipline, the student should be guided by the following regulations: on academic integrity of EMU ([regulation of EMU](#)). In case of violation of the regulations of academic integrity during the current and final controls, the student receives a grade of "2" and must work it out to the teacher in accordance with the established procedure. Regulation on control measures in EMU ([Regulation of EMU](#)).

Skipping classes. Missed classes should be worked out in accordance with the procedure established in the regulations on control measures in the EMU ([regulation of EMU](#)) during the time determined by the work schedule ([Department of Obstetrics, Gynecology and Pediatrics](#)) to the teacher on duty. To work out a missed lesson the student must pass a test and answer in writing or verbally the question on the topic of the lesson.

Procedure for admission to the final control in the discipline is given in the regulations on control measures and regulations on the organization of the educational process in the EMU ([regulation of EMU](#)) and regulations on control measures in the TNM DMI ([regulation of EMU](#)).

Students who do not have missed not worked out practical classes and lectures and have received an average traditional grade of at least "3" are allowed to participate in the final control.

Additional individual points. Points are awarded subject to the mandatory participation of the head, head teacher and teacher. These points are encouraging and are added once to the total score of the current academic performance and the result of passing the comprehensive exam. Their total number for one student should not exceed 10, and the final amount of points for an academic discipline should not exceed 200 points.

Individual tasks include:

- 1) writing essays and creating multimedia presentations with reports at meetings of the student scientific group of the department – 3 points;
- 2) participation in the creation of tables, graphological structure, posters on the topics of practical classes – 2 points;
- 3) participation in the student competition in the discipline at the First Stage – 1 point;
- 4) participation/prize-winner of the All-Ukrainian student competition in the discipline - 7/10 points;
- 5) author or co-author of abstracts/article – 2/5 points;
- 6) author or co-author of an oral/information stand report at a scientific conference – 6/3 points;
- 7) author of a student scientific paper accepted for participation or awarded by a diploma of I-III degree in the All – Ukrainian competition of student scientific papers at Stage II - 8 (participation) or 10 (diploma) points.

Resolving conflict issues. If there are misunderstandings and complaints against the teacher due to quality of educational services provided, knowledge assessment, and other conflict situations, the student must first report his/her claims to the teacher. If the conflict issue is not resolved, the student has the right to submit an appeal to the head of the department in accordance with the regulations on consideration of applications from applicants for higher education in EMU ([regulation of EMU](#)), Regulations on consideration of applications, complaints, and proposals of students in EMU ([regulation of EMU](#)), Regulations on meeting the requirements of the organization of the educational process ([regulation of EMU](#)), Regulation on the appeal of the results of the final control of knowledge of applicants for higher education in EMU ([regulation of EMU](#)), Regulations on safe educational environment in EMU ([regulation of EMU](#)).

Policy in the context of distance learning. The procedure for distance learning is regulated by [regulation of EMU](#). The main training platforms for conducting training sessions are Microsoft Teams, Zoom. The procedure for conducting practical classes and lectures, working out and consultations during Distance Learning is published on the Department's Web page [Department of Obstetrics, Gynecology and Pediatrics](#).

Feedback from the teacher is provided directly during the lesson and/or consultation, and is also possible via email (in case of force majeure) during working hours.

1. Training resources

Educational and methodological support of the discipline is published on the website of the Department ([Department of Obstetrics, Gynecology and Pediatrics](#)). Consultations are held according to the consultation schedule.

2. Schedule and distribution of groups by teacher are published on the Department's Web page ([Department of Obstetrics, Gynecology and Pediatrics](#)).

3. Questions for intermediate and final control of the discipline are published on the Department's Web page ([Department of Obstetrics, Gynecology and Pediatrics](#)).

Literature

1. Obstetrics and Gynecology: in 2 volumes. Volume 1. Obstetrics: textbook VV.I. Gryshchenko, M.O. Shcherbina, B.M. Ventskiivskyi et al. — 2nd edition. MEDICINE. 2018. 392 p.
2. Obstetrics and Gynecology: in 2 volumes. Volume 2. Gynecology: textbook / V.I. Gryshchenko, M.O. Shcherbina, B.M. Ventskiivskyi et al. — 3rd edition. MEDICINE. 2022. 352 p.
3. Rhoda Sperling. Obstetrics and Gynecology. 2020. 386 p.
4. Charles R. B. Beckmann, Lippincott Williams & Wilkins, Obstetrics and Gynecology. 2010. 497 p.

Information Resources

1. guidelines.moz.gov.ua
2. <http://www.uptodate.com>, <http://clinicalevidence.bmj.com>, <http://www.medscape.com>
3. <https://www.nice.org.uk/>
4. <http://library.med.utah.edu/WebPath/webpath.html>
5. <http://www.webpathology.com/>
6. <https://www.geisingermedicallabs.com/lab/resources.shtml>