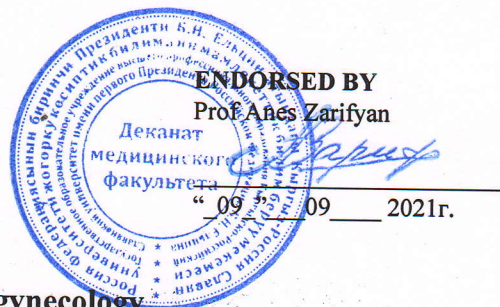


MINISTRY OF SCIENCE AND HICHER EDUCATION OF THE RUSSIAN FEDERATION,  
MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC

Government-run Educational Institution of Higher Professional Education  
Kyrgyz-Russian Slavic University after B.N. Yeltsin  
School of Medicine



**Obstetrics and gynecology**  
**Course Outline (Module)**

Assigned to Obstetrics and gynecology  
Academic Curriculum 31050150\_15\_12345 LD-in.plx  
31.05.01. General medicine

Mode of Study **Intramural**  
Total Credit Value **14** credit points

Course Hours 504  
including:  
in-class learning 342  
individual work 144

Scope of Testing Semesters:  
exams 10  
credits 8

Course Hours Scheduling (per semester)										
Semester Academic Year	7 (4.1)		8 (4.2)		9 (5.1)		10 (5.2)		Total	
Weeks	18		18		18		17			
Type of Traning	AC	CO	AC	CO	AC	CO	AC	CO	AC	CO
Lectures	36	36	36	36	18	18	18	18	108	108
Practical Session	90	90	90	90	36	36	18	18	234	234
Contact work during the period of theoretical training	0,3	0,3	0,3	0,3	0,3	0,3			0,9	0,9
Contact work during the examination session							0,5	0,5	0,5	0,5
Including Interactive Session	12	12	12	12	2	2	2	2	28	28
Total In-class Session	126	126	126	126	54	54	36	36	342	342
Contact work	126,3	126,3	126,3	126,3	54,3	54,3	36,5	36,5	343,4	343,4
Individual Work	53,7	53,7	53,7	53,7	17,7	17,7	18	18	143,1	143,1
Exam time							17,5	17,5	17,5	17,5
Total	180	180	180	180	72	72	72	72	504	504

<b>1. COURSE OUTLINE OBJECTIVES</b>	
1.1 Training of the specialist doctor capable to give help at obstetric aid and to be guided in clinical symptoms of obstetric and gynecologic diseases for the timely direction of the patient with purpose of rendering specialized medical care.	

<b>2. PLACE OF THE COURSE IN THE EDUCATIONAL PROGRAM</b>	
Educational Program	B1.B
Units:	
<b>2.1</b>	<b>Students' Preliminary Training Requirements:</b>
2.1.1	Clinical pharmacology
2.1.2	Endocrinology
2.1.3	Pathological anatomy
2.1.4	Pathophysiology, clinical pathophysiology
2.1.5	Propaedeutics of internal diseases
2.1.6	Pharmacology
2.1.7	Topographical anatomy and operational surgery
2.1.8	Microbiology, virology
2.1.9	Histology, embryology, cytology
2.1.10	Immunology
2.1.11	Anatomy
2.1.12	Biology
2.1.13	Biochemistry
2.1.14	Urology
2.1.15	Normal physiology
2.1.16	Clinical pharmacology
2.1.17	Endocrinology
2.1.18	Pathological anatomy
2.1.19	Pathophysiology, clinical pathophysiology
2.1.20	Propaedeutics of internal diseases
2.1.21	Pharmacology
2.1.22	Topographical anatomy and operational surgery
2.1.23	Histology, embryology, cytology
2.1.24	Immunology
2.1.25	Anatomy
2.1.26	Biology
2.1.27	Biochemistry
2.1.28	Normal physiology
<b>2.2</b>	<b>Course Units and Practical Sessions imposing the prior Proficiency</b>
2.2.1	Clinical internship
2.2.2	Clinical practice (Medical assistant)
2.2.3	Clinical practice (Medical assistant of out-patient and polyclinic establishment)
2.2.4	Preparation for delivery and delivery of state exam
2.2.5	Clinical practice (Medical assistant)
2.2.6	Clinical practice (Medical assistant of out-patient and polyclinic establishment)
2.2.7	Preparation for delivery and delivery of state exam

<b>3. STUDENTS' COMPETENCIES RESULTING FROM THE COURSE UNIT (MODULE)</b>	
<b>PC-5: readiness for collecting and the analysis of complaints of the patient, the yielded his anamnesis, results of survey, laboratory, tool, pathoanatomical and other researches for recognition of a state or establishments of the fact of existence or absence of a disease</b>	
<b>Knowledge:</b>	
Level 1	1. Features of collecting complaints and anamnesis of patients. 2. Inspection technique

	3. The main clinical symptoms and syndromes of often found diseases; 4. Additional methods of diagnosis of often found diseases.
Level 2	1. Risk factors of developing of diseases at adult population 2. Etiopatogenez, a clinical picture and diagnostics of often found neurologic diseases.
Level 3	Indications and contraindications to carrying out additional methods of research.
<b>Skills:</b>	
Level 1	1. To collect complaints, the anamnesis at patients. 2. To make family tree model for the families having hereditary diseases. 3. To investigate the all-somatic status.
Level 2	1. To define syndromes at various diseases. 2. To define indications and contraindications for a choice of additional methods of research.
Level 3	1. To make the preliminary diagnosis. 2. To conduct complex medical examination for the purpose of confirmation of the preliminary diagnosis.
<b>Expertise:</b>	
Level 1	1. Skills of collecting complaints of the patient and data of his anamnesis. 2. Medical ethics and medical ethics. 3. Technique of the general survey 4. Skills of purpose of necessary laboratory and tool methods of inspection for diagnosis of often found diseases.
Level 2	1. Skills of statement of the preliminary diagnosis 2. Skills of interpretation of the main laboratory and tool methods of inspection.
Level 3	1. Skills of registration of medical documentation. 2. Skills of justification of the preliminary diagnosis.
<b>PC-6: ability to definition at the patient of the main pathological states, symptoms, syndromes diseases, nosological forms according to the International statistical classification of diseases and the problems connected with health, the X revision</b>	
<b>Knowledge:</b>	
Level 1	The main patognomonic signs of a pathological state and their importance in total with all-clinical symptoms.
Level 2	Symptoms, syndromes of diseases, the main nosological forms according to ICD-10.
Level 3	Algorithm of Statement of topical and clinical diagnoses.
<b>Skills:</b>	
Level 1	Solve typical problems on the basis of understanding of clinical symptoms, representation of dynamics
Level 2	Carry out comparison of various pathological states connected with violation of health. To choose necessary methods of inspection for statement of the diagnosis and adequate treatment.
Level 3	Prove necessary methods of inspection and treatment.
<b>Expertise:</b>	
Level 1	To allocate with skills of work with literature priority sources of information.
Level 2	Skills of reasonable approach in diagnostics within powers of the general practitioner.
Level 3	Skills of the differential diagnosis of the main diseases with justification of own position.
<b>PC-8: ability to definition of tactics of maintaining patients with various nosological forms</b>	
<b>Knowledge:</b>	
Level 1	Necessary methods and the principles of maintaining patients with various nosological forms.
Level 2	Main regularities of the differentiated diagnostics and tactics of maintaining patients with the various diseases for the purpose of adequate inspection and treatment.
Level 3	Main directions and the principles of treatment, prevention and rehabilitation of patients, assistance at medical emergencies.
<b>Skills:</b>	
Level 1	Use diagnostic criteria and features of a course of diseases depending on the various nosological forms, complications and age features; to apply the international classification of diseases in treatment tactics.
Level 2	Use various methods of diagnostics and be able to interpret results; to define tactics maintaining persons with different types of diseases, their complications.
Level 3	Define a range of medical, rehabilitation, preventive actions.
<b>Expertise:</b>	
Level 1	Main sources of information of special literature.

Level 2	Principles of tactics of medical actions for the differentiated diagnostics of options various types of diseases and complications; purposes of treatment.
Level 3	Skills of rendering emergency aid to patients at urgent pathology.
<b>PC-12: readiness for conducting physiological pregnancy, reception of childbirth</b>	
<b>Knowledge:</b>	
Level 1	Physiological changes in an organism of the pregnant woman.
Level 2	Ways of determination of term of pregnancy and childbirth, courses of physiological pregnancy and childbirth.
Level 3	The main signs of pathological states during pregnancy and in childbirth; rendering order medical care on a profile of obstetrics and gynecology.
<b>Skills:</b>	
Level 1	Conduct special obstetric research, estimate a fetus condition.
Level 2	Analyze data of instrumental and laboratory methods of research.
Level 3	Under the leadership of the doctor to develop the plan and the forecast of childbirth, to make the plan of prevention of complications.
<b>Expertise:</b>	
Level 1	Technique of collecting anamnesis.
Level 2	Methods of the organization of dynamic supervision over the pregnant woman in polyclinic, maintaining a gravidogramma, in maternity hospital - partogramma;
Level 3	Skills of conducting physiological pregnancy and reception of childbirth.

### Final Students' Competences

<b>3.1</b>	<b>Knowledge:</b>
3.1.1	- pregnancy diagnostics methods, clinical manifestations of pregnancy by means of laboratory and tool methods of research;
3.1.2	- ways of determination of terms of pregnancy, date of childbirth, prenatal holiday;
3.1.3	- determination of critical terms of pregnancy, stages of development of an embryo/fetus;
3.1.4	- about the changes happening in the woman's organism during pregnancy;
3.1.5	-about the complicated course of pregnancy (early toxicosis, gipertenzive violations of pregnant women, anemia, infections);
3.1.6	- determination of level of need for adjacent experts during pregnancy;
3.1.7	- about features of a course of somatic diseases during pregnancy;
3.1.8	- about the factors influencing somatic health of women during pregnancy;
3.1.9	- about change of the general and local immunity at pregnant women at the gipertenzive violations pregnant women and influence on the somatic status of the woman and condition of a fetus;
3.1.10	- about change of a mineral exchange during pregnancy and influence on a condition of bone system of a fetus;
3.1.11	- about nature of the damaging effect of medicines in the antenatal period;
3.1.12	- about methods of application of local anesthetics, the general anesthesia at pregnancy;
3.1.13	- about volumes of surgical interventions in various terms of pregnancy;
3.1.14	- an etiology, pathogenesis and measures of prevention of the most often found gynecologic diseases;
3.1.15	- modern classification of gynecologic diseases;
3.1.16	- a clinical picture, features of a current and possible complications at women;
3.1.17	- modern methods of clinical, laboratory and tool inspection of women;
3.1.18	- basic principles of diagnosis of gynecological diseases of women;
3.1.19	- methods of treatment and the indication to their application;
3.1.20	- bases of the organization of the out-patient and polyclinic help to women;
3.1.21	- bases of surgical treatment of gynecologic diseases;
3.1.22	- principles of medical examination and rehabilitation of patients;
3.1.23	- ethical and deontological aspects in obstetrics and gynecology.

<b>3.2</b>	<b>Skills:</b>
3.2.1	- to direct pregnant women on carrying out preventive procedures;
3.2.2	- correctly and in due time to carry out prevention, diagnostics and treatment of obstetric complications at pregnant women and the feeding women;
3.2.3	- to consider factors of an adverse effect of surgical interventions on a condition of mother and a fetus;
3.2.4	- to collect the full medical (obstetric and gynecologic) anamnesis of the patient, to conduct survey of women, them relatives (biological, medical, psychological and social information);
3.2.5	- to conduct objective examination of the patient (survey, a palpation, an auscultation, measurement the blood pressure, definition characteristics of pulse, breath frequency, etc.) to direct it on laboratory and tool inspection, on consultation to experts;
3.2.6	- to keep medical documentation;
3.2.7	- to form groups of risk among women taking into account a hormonal background;
3.2.8	- to make recommendations about food of pregnant women and the feeding women taking into account change of a mineral exchange in time of pregnancy and during breastfeeding;
3.2.9	- to give emergency aid at childbirth;
3.2.10	- to carry out promotion of breastfeeding for the purpose of the general favorable impact on growth and development newborn.
3.2.11	- to collect the anamnesis, to conduct examination, to interpret results of researches (laboratory, radiological, tool) gynecological of patients;
3.2.12	- to formulate the preliminary diagnosis;
3.2.13	- to formulate indications to the chosen method of treatment;
3.2.14	- to apply prevention methods;
3.2.15	- to fill in the clinical record
<b>3.3</b>	<b>Expertise:</b>
3.3.1	- by methods of rendering the first pre-hospital aid at medical emergencies at pregnant women (a preeklampsy, bleeding);
3.3.2	- by assistance methods in emergency situations the pregnant and gynecological patient;
3.3.3	- by assistance methods at childbirth and in the postnatal period, maintaining a partogramma;
3.3.4	- by methods of training of patients in rules of medical behavior and personal hygiene;
3.3.5	- by various methods of treatment of gynecological diseases;
3.3.6	- in the ways of surgical treatment at gynecological diseases.