

МЕДИЦИНСКИ УНИВЕРСИТЕТ - ВАРНА  
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MEDICAL UNIVERSITY - VARNA  
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## Faculty of Medicine

Approved by:  
Dean:



(prof. D-r Yoto Trifonov Yotov, DM)

## SYLLABUS

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## OBSTETRICS AND GYNECOLOGY

Specialty	<b>MEDICINE</b>
Educational degree	<b>Master</b>
Organizational form of education	<b>Full-time</b>
Auditorium engagement (L/PC)	<b>210 (90/120)</b>
Extracurricular engagement	<b>30</b>
Credits (ECTS)	<b>8</b>
Type of discipline	<b>Compulsory</b>
Period of education (semesters)	<b>Seventh, eighth and ninth</b>
Exam semester	<b>ninth</b>
Program written by	<b>Prof. Dr Emil Kovachev, DMSc</b>

Varna, 2024

## Annotation

<b>Aim of the discipline</b>	<p>With this curriculum the following education aims are set:</p> <p>Theoretical and practical preparation of medial students for working in the field of diagnostics, treatment and prophylaxis of the pathology in the field of obstetrics and gynecology; to manage independently the medical care for the pregnant woman, for the puerpera, and the patient with gynecological pathology, the newborn and the infant; to be able to help in obstetrics and gynecology emergency.</p> <p>The following are integrated as specific aims:</p> <p>Acquiring of professional skills, knowledge, habits in the field of woman and reproductive health.</p> <p>Form of education: lections, practical classes, demonstrations, observations and discussions</p> <p>Control and evaluation: regular evaluation through colloquiums and tests and final evaluation through an exam.</p>
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<b>Results for students at the end of the study course</b>	
<p><b>Competence:</b></p> <p>With this curriculum the following education aims are set:</p> <p>Theoretical and practical preparation of medial students for working in the field of diagnostics, treatment and prophylaxis of the pathology in the field of obstetrics and gynecology; to manage independently the medical care for the pregnant woman, for the puerpera, and the patient with gynecological pathology, the newborn and the infant; to be able to help in obstetrics and gynecology emergency.</p> <p>The following are integrated as specific aims:</p> <p>Acquiring of professional skills, knowledge, habits in the field of woman and reproductive health.</p>	
<b>Competence group:</b>	<p><b>1. Care for patients, which is compassionate, suitable and effective for the treatment of pathology and for promotion of health.</b></p>
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>▪ Main principles of medical ethics: to understand the importance of compassion, trust, respect for the patient and their rights, the principle of confidentiality and informed consent.</li> <li>▪ Promotion of health: to learn the main principles of healthy lifestyle and ways to promote health</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ <i>To be able to collect important and correct information for the patient.</i></li> <li>▪ <i>To be able to consult the patients and their family members.</i></li> <li>▪ <i>To know the indications for different procedures.</i></li> <li>▪ <i>To be able to describe the procedure in an appropriate manner to the patients and the people taking care of them</i></li> <li>▪ <i>To understand the impact of the procedure on the patients and their family members.</i></li> <li>▪ <i>To be able to perform all medical procedures required in their medical practice in a competent manner.</i></li> <li>▪ <i>To be able to perform all medical procedures in a manner which provides the maximum comfort of the patients.</i></li> <li>▪ <i>To be able to take informed diagnostic and therapeutic decisions.</i></li> <li>▪ <i>To be able to prescribe and perform all main medical procedures.</i></li> <li>▪ <i>To provide effective prescription for the management, maintenance and prophylaxis of health.</i></li> </ul>

<b>Competence group:</b>	<b>2. Medical knowledge</b> of established and emerging biomedical, clinical, etc. (eg, epidemiologic and social-behavioral) sciences and the application of this knowledge to patient care.
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>▪ Knowledge of the prevalence and etiology of disease and the interaction between social and behavioral factors and patient health.</li> <li>▪ Knowledge of the pathogenetic mechanisms of the main nosological units in obstetrics and gynecology.</li> <li>▪ Clinical assessment, staging and monitoring of patients.</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ <i>To acquire new scientific and clinical knowledge.</i></li> <li>▪ <i>To be able to apply a research-based and analytical approach to solving clinical and scientific problems.</i></li> <li>▪ <i>To be able to apply medical and scientific knowledge in clinical situations.</i></li> <li>▪ <i>To be able to teach others.</i></li> </ul>
<b>Competence group:</b>	<b>3. Practical learning and self-improvement</b> that includes research and evaluation of their own patient care, evaluation and assimilation of scientific evidence, and improvements in patient care.
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>▪ practical skills for recognition, diagnosis, assessment, prevention and treatment of obstetric and gynecological conditions</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ <i>To investigate and evaluate patient care practices (including their own).</i></li> <li>▪ <i>To evaluate and assimilate scientific evidence,</i></li> <li>▪ <i>To practice evidence-based medicine.</i></li> <li>▪ <i>To improve medical practice.</i></li> </ul>
<b>Competence group:</b>	<b>4. Interpersonal and communication skills</b> that ensure effective information exchange and teamwork with patients, their families and other healthcare professionals.
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ <i>To create and maintain a therapeutic relationship with patients and their families.</i></li> <li>▪ <i>To work effectively as a member of a healthcare team.</i></li> <li>▪ <i>To lead a healthcare team</i></li> </ul>
<b>Competence group:</b>	<b>5. Professionalism</b> , demonstrated through commitment to professional responsibilities, adherence to ethical principles and sensitivity to diverse patient groups.
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ <i>To demonstrate professional behavior and responsibility.</i></li> <li>▪ <i>To demonstrate humanism and cultural competence.</i></li> <li>▪ <i>To maintain emotional, physical and mental health.</i></li> <li>▪ <i>To strive for continuous personal and professional growth.</i></li> </ul>

### Key competences for lifelong learning <sup>1</sup>that the discipline develops:

#### Language literacy

the ability to recognise, understand, express, create and interpret concepts, feelings, facts and opinions both orally and in writing, using visual, sound, audio and digital materials in a variety of disciplines and situations. It implies the ability to communicate and successfully understand other people in an appropriate and constructive way.

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<sup>1</sup>defined in 2018 by the Council of the European Union ( [https://eur-lex.europa.eu/legal-content/BG/TXT/HTML/?uri=CELEX:32018H0604\(01\)&from=EN](https://eur-lex.europa.eu/legal-content/BG/TXT/HTML/?uri=CELEX:32018H0604(01)&from=EN))



<b>Multilingual competence</b> determines the ability to effectively use different languages in an appropriate way for communication. It generally covers the same basic skills as those of language literacy: it is based on the ability to understand, express and interpret concepts, thoughts, feelings, facts and opinions both orally and in writing (listening, speaking, reading and writing ), in an appropriate range of social and cultural contexts in accordance with one's own desires or needs.	
<b>Mathematical competence and competence in the field of exact sciences, technology and engineering</b> A. Mathematical competence is the ability to develop and apply mathematical thinking and vision in order to solve various problems in everyday situations. Building on good mathematical literacy, reasoning and activity are emphasized as well as knowledge. Mathematical competence includes, to varying degrees, the ability and willingness to use mathematical ways of thinking and representing (formulas, models, concepts, graphs and diagrams). B. Competence in the exact sciences refers to the ability and willingness to explain the natural world through accumulated knowledge and applied methodologies, including observation and experimentation, in order to ask questions and formulate fact-based conclusions. Competencies in technology and engineering are the application of this knowledge and methodologies in response to perceived human wants or needs. Competence in the field of exact sciences, technology and engineering includes an understanding of the changes caused by human activity and the responsibility of the individual citizen.	X
<b>Digital competence</b> confident, critical and responsible use and engagement with digital technologies for learning, at work and for participation in society. It includes information and data literacy, communication and collaboration, media literacy, digital content creation (including programming), safety (including digital wellbeing and cyber security competencies), intellectual property issues, addressing problems and critical thinking	X
<b>Personal competence, social competence and competence to acquire learning skills</b> the ability to think for oneself, manage time and information effectively, work constructively with others, maintain resilience and manage one's own learning and career. This includes the ability to cope with uncertainty and complexity, to acquire learning skills, to support one's own physical and emotional well-being, to maintain physical and mental health, to lead a health-conscious and future-oriented lifestyle, to empathize and for conflict management in an inclusive and supportive context.	
<b>Civil competence</b> the ability to act as responsible citizens and to participate fully in civic and social life based on an understanding of social, economic, legal and political concepts and structures, as well as world events and sustainability	
<b>Entrepreneurial competence</b> the ability to act on favorable opportunities and ideas and to transform them into values for other people. It is based on creativity, critical thinking, problem solving, initiative, persistence and the ability to work collaboratively in order to plan and manage projects that have cultural, social or financial value.	
<b>Cultural Awareness and Performance Competence</b> understanding and respect for the way ideas and meaning are creatively expressed and communicated across cultures and through a range of arts and other forms of culture. It involves a commitment to understanding, developing and expressing one's own ideas and sense of one's place or role in society in a variety of ways and in a variety of contexts.	

<b>Teaching methods</b>
<ul style="list-style-type: none"> <li>▪ lectures</li> <li>▪ practical classes</li> </ul>
Connection with other disciplines from the curriculum of the specialty
<ul style="list-style-type: none"> <li>▪ <b>Builds on acquired knowledge of/Depends on:</b></li> </ul>

- Obstetrics and gynecology

- **Other related disciplines:**

- Radiology
- Clinical laboratory
- Clinical pathology