



Neonatology

1. IMPRINT	
Academic Year	2023/2024
Department	Faculty of Health Sciences
Field of study	Medicine,
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical sciences
Study Profile <i>(general academic / practical)</i>	General academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	Full time studies
Type of module / course <i>(obligatory / non-compulsory)</i>	Obligatory
Form of verification of learning outcomes <i>(exam / completion)</i>	Credit
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Department of Neonatology and Rare Diseases Medical University of Warsaw +48/22-317-93-43 e-mail neonatologia@wum.edu.pl www.noworodki.wum.edu.pl

Head of Educational Unit / Heads of Educational Units	Prof. Bożena Kociszewska-Najman MD, PhD
Course coordinator (title, First Name, Last Name, contact)	Natalia Czaplińska MD, PhD e-mail: nczaplinska@gmail.com
Person responsible for syllabus (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	Natalia Czaplińska MD, PhD
Teachers	Prof. Andrzej Piotrowski MD. PhD, , Natalia Czaplińska Md PhD, Monika Gruszczyńska MD, Magdalena Zarłenga MD, Olga Pawlik MD, Anna Perdzińska MD, Ewa Wilkos MD, Anita Adamiec MD, Oksana Nazaruk MD, Magdalena Mastalerek MD

2. BASIC INFORMATION

Year and semester of studies	VI year, 12 semester	Number of ECTS credits	6.00
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)			
Seminar (S)		15	1
Classes (C)		75	5
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions			

3. COURSE OBJECTIVES

O1	Ability of newborn resuscitation
O2	Knowledge about standards of perinatal care
O3	Ability of physical examination of newborn
O4	Knowledge about most common problems in neonatal period including prematurity

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)

<p>Code and number of effect of learning in accordance with standards of learning (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</p>	<p>Effects in time</p>
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Knowledge – Graduate* knows and understands:

G.K1	<p>Most common problems in the neonatal period: adaptation problems, complications related to preterm labor, congenital defects, jaundice, hematological diseases, infections, respiratory distress syndrome, perinatal asphyxia</p> <p>Guidelines for neonatal resuscitation.</p> <p>Principles of nutrition of newborn, including breastfeeding,</p>
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Skills– Graduate* is able to:

G.S1	Assess the condition of the newborn in Apgar scale and its maturity,
G.S2	Perform the differential diagnosis of the most common neonatal diseases

* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)

Number of effect of learning	Effects of learning i time
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Knowledge – Graduate knows and understands:

K1	
K2	

Skills– Graduate is able to:

S1	
S2	

Social Competencies – Graduate is ready for:

SC1	
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SC2	
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6. CLASSES		
Form of class	Class contents	Effects of Learning
Seminars	<p>Examination of the newborn</p> <p>Adaptation to the extrauterine life.</p> <p>Delivery room management. Resuscitation in the delivery room.</p> <p>Surgical problems in the newborn</p> <p>Hyperbilirubinemia in neonates</p> <p>Neonatal effects of maternal diabetes</p> <p>Neonatal sepsis</p> <p>Respiratory problems of newborn</p> <p>Prematurity and its complications</p>	<p>E.W2,</p> <p>E.W3,</p> <p>E.W4,</p> <p>E.W6,</p> <p>E.W33,</p> <p>E.W35,</p> <p>E.W39,</p> <p>E.U2,</p> <p>E.U4,</p> <p>E.U7,</p> <p>E.U8,</p> <p>E.U9,</p> <p>E.U14,</p> <p>E.U15,</p> <p>E.U27,</p> <p>E.U29,</p> <p>K1-K4</p>
Clinical classes	<p>Practical classes at Neonatal Intensive Care Unit, delivery room ,</p> <p>Resuscitation classes with phantoms</p>	

7. LITERATURE
Obligatory
Neonatology for medical students, 2021, B.Kociszewska-Najman
Supplementary
Gomella's Neonatology, 8th edition 2020

8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
	test	60%

9. ADDITIONAL INFORMATION *(information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club)*