Course description

General information about the course	
1. Major of study: medicine	**2. Study level**: unified MSc
	3. Form of study: intramural
4. Year: VI	**5. Semester**: XII
6. Course name: Neonatal Intensive Care – Pediatrics Sub-I	
7. Course status: required	

8. Course contents and assigned learning outcomes

Basic physiology of newborn and distinction between term and preterm newborn.
Most common clinical problems of a term newborns.
Most common clinical problems of a preterm newborns.
Most common congenital defects of the newborns.

Learning outcomes / reference to learning outcomes indicated in the standards

For knowledge – student knows and understands:

1. Takes records, anamnesis, past history and assesses/ predicts risk factors and epidemiology within. E.W1 E.W3
2. Precisely manages to assess and make a distinction between term and preterm newborn. E.W3
3. Knows resuscitation algorithm, being skillfull in different cilinical situations; defines potential risk factors based on perinatal records. E. W6, E.U14
4. Knows most common congenital defects with subsequent necessary procedures needed perinatally and postnatally. E.W5, F.W2
5. Knows risk factors of an early and late onset infections, distinguishes etiology, course, severity and outcomes between them. E.W3
6. Qualifies patient to discharge with immunization checklist evaluation and feeding regimens. E.W2
7. Is able to interpret radiological features according to clinical condition, also depending on newborn maturity. E.W3
8. Knows perinatal respiratory and hemodynamic physiological changes with the ability to diagnose differentially most common features and outcomes of pathological conditions. E.W3, E.U14

For skills student can do:

1. Conducts and analyses anamnesis and past history, pregnancy care, prenatal screening, maternal medical conditions, perinatal and postnatal condition. E.U2
2. Can perform physical examination of a term newborn. E.U4, E.U8
3. Can perform physical examination of a preterm newborn. E.U4, E.U8
4. Analyses past history and procedures putting through clinical assessment and examination. E.U12, E.U16
5. Analyses and verifies physical assessment with radiological features. E.U12
6. Analyses and verifies laboratory findings with potential causes of abnormalities in investigation. E.U24
7. Qualifies to immunization according to schedule. E.U27
8. Performs and interprets anthropometric measurements in correlation with growth charts. E.U9
9. Performs resuscitation on phantoms according to up-to-date algorithms. E.U14

For social competencies student is ready to:

1. Is able to maintain secrecy in connection with patient`s clinical condition and her/his parents with full due respect during taking records and examination. D.W5, D.U5
2. Has the ability to perform procedures properly and reliably on the basis of informations given.
   3. Is aware of self – limitations and the need of constant education with practice. D.U16, D.U17

9. Number of hours for the course	30
10. Number of ECTS points for the course	1,5

11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Grade credit – MCQ	*
Skills	Report Observation	*
Competencies	Observation	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved