

## Course description

### Part 1

General information about the course	
1. Major of study: medicine	2. Study level: unified MSc 3. Form of study: intramural
4. Year: V	5. Semester: X
6. Course name: Pediatrics – Core	
7. Course status: required	
<b>8. Course objectives</b> <ol style="list-style-type: none"> <li>1. Pediatric propaedeutics, ability to perform physical examination of the child and taking history</li> <li>2. Physiology of development and puberty</li> <li>3. The basics of physiology and pathophysiology of common pediatric diseases</li> <li>4. Standard procedures in common pediatric diseases and life emergencies in children and adolescent: ability to plan the diagnostic procedures, to interpret the results, perform differential diagnosis, and implement the treatment</li> <li>5. Theoretical knowledge of medical procedures carried out in general pediatrics departments - knowledge of indication, algorithms and possible complication of the procedures</li> </ol> <p><b>Learning outcomes / reference to learning outcomes indicated in</b> (underline as appropriate):  <u>education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia)</u></p> <p>For knowledge student knows and understands:</p> <ol style="list-style-type: none"> <li>1. Knows physiology of child growth and development – B.W21</li> <li>2. Knows pediatric propaedeutics, ability to perform physical examination of the child and taking history – E.W3</li> <li>3. Knows the typical pediatric diseases and life-threatening events in children - has the ability of planning the diagnostic tests, making differential diagnosis and introducing treatment – E.W1, E.W14, E.W34, E.W24, E.W25, E.W26, E.W41</li> <li>4. knows algorithms of basic and advanced life support procedures in children – E.W6</li> <li>5. Knows how to perform well-child care and knows immunization protocol – E.W2</li> <li>6. Knows the rules of qualification of the child to rehabilitation – E.W3, E.W31</li> <li>7. Knows the preventive procedures in healthy child – E.W2</li> <li>8. knows indications and contraindications of medical procedures given in "Procedure Book" and their possible complications – E.W3</li> </ol> <p>For skills student can do:</p> <ol style="list-style-type: none"> <li>1. Perform physical examination and take a medical history – interpret and make conclusions – E.U6, E.U7, E.U12, E.U13, E.U16</li> <li>2. Perform differential diagnosis – E.U12</li> <li>3. Plan laboratory evaluation – E.U16, E.U24</li> <li>4. Interpret test results – E.U24</li> <li>5. Propose diagnostic workup and treatment – E.U12, E.U16, E.U31</li> <li>6. Perform anthropometric measurements and use growth charts – E.U9, E.U10</li> <li>7. Perform growth and development evaluation – E.U4, E.U10</li> <li>8. Diagnose child's life-threatening conditions and propose treatment – E.U14</li> <li>9. Diagnose alcohol and narcotics intoxication and propose treatment – E.U14, E.U15, E.U33, E.U34</li> <li>10. Perform well-child care and qualification to immunization – E.U9, E.U10, E.U11, E.U27</li> <li>11. Plan child rehabilitation – E.U16, E.U23</li> <li>12. Perform standard medical procedures (measurement of body temperature, pulse, blood pressure,</li> </ol>	

monitor the patient with cardiomonitor, pulsoxymeter, blood taking, injections making, measurement of blood glucose, taking the nose/throat smear, urine bladder catheterization, otoscopic examination, assessing of visual field) – E.U6, E.U7, E.U9, E.U28, E.U29, E.U30

For social competencies student is ready to:

1. Able to establish and maintain a deep and respectful contact with the patient – K1
2. Directs the good of the patient, putting them in the first place – K2
3. Complies with medical confidentiality and patient rights – K3
4. Is aware of his own limitations and the ability to lifelong learning – K4

<b>9. Number of hours for the course</b>	<b>180</b>	<b>10. Number of ECTS points for the course</b>	<b>9</b>
<b>11. Form of evaluation:</b> exam			
<b>12. Methods of verification and evaluation of learning outcomes</b>			
Learning outcomes	Methods of verification	Methods of evaluation* / credit	
Knowledge	Written evaluation – open questions/ Closed-ended questions Grade credit – MCQ written exam – closed-ended questions test	*	
Skills	Report Observation Practical exam	*	
Competencies	Observation	*	

\* For exams and grade credits 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