

## Course description

<b>General information about the course</b>		
<b>1. Major of study:</b> medicine	<b>2. Study level:</b> unified MSc <b>3. Form of study:</b> intramural	
<b>4. Year:</b> II	<b>5. Semester:</b> III	
<b>6. Course name:</b> Genetics I		
<b>7. Course status:</b> required		
<b>8. Course contents and assigned learning outcomes</b> Detailed knowledge of laws of inheritance, population genetics, genetics of prokaryotes and viruses. Solving of genetic problems of modes of inheritance in human and other living organisms. Basic information on genetic diseases in human. Mitochondrial inheritance.  <b>Learning outcomes / reference to learning outcomes indicated in the standards</b> For knowledge – student knows and understands: C.W1; C.W2; C.W3; C.W4; C.W6; C.W8; C.W25 For skills student can do: C.U1; C.U5 For social competencies student is ready to: percept and to recognize personal limitations and to accomplish self-evaluation of his/her own deficits and educational needs; to benefit from objective sources of information		
<b>9. Number of hours for the course</b>		<b>60</b>
<b>10. Number of ECTS points for the course</b>		<b>6,5</b>
<b>11. Methods of verification and evaluation of learning outcomes</b>		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Written evaluation – open questions Grade credit – MCQ Test of Choice Yes/No Test of matching answers Short structural questions	* Exam - MCQ
Skills	Worksheets Observation Multimedial presentation	* Passing of personally prepared multimedial presentation * correct completion of the worksheets
Competencies	Observation	* 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