

<b>Higher education institution:</b> <i>Slovak Medical University in Bratislava</i>	
<b>Faculty:</b> Faculty of Medicine	
<b>Course code:</b> <i>GM 058</i>	<b>Course title:</b> <i>Laboratory Medicine</i>
<b>Type, extent and method of educational activity:</b> <i>Number of hours per semester:</i> <i>Lectures: 14/1 hours per week</i> <i>Practices: 14/1 hours per week</i>	
<b>Number of credits:</b> <i>2 credits</i>	
<b>Recommended semester/trimester:</b> <i>7. Th</i>	
<b>Level of higher education study</b> <i>1 + 2. Level</i>	
<b>Prerequisite courses (subjects):</b>	
<b>Requirements for completion of the course:</b> <i>Active participation in the course – continuous assessment- CAT. Final test: minimum threshold of success: 60%. Evaluation: Evaluation: A:95% -100%, B: 88% -94% C: 77% -87%, D: 66% -76%, E:60% -65%. Student workload is 22 hours.</i>	
<b>Learning outcomes:</b> Knowledge and skills in <ul style="list-style-type: none"> <li>• Clinical Laboratory Importance and Use</li> <li>• Laboratory Tests Pathophysiology, Clinical and Laboratory Context</li> <li>• Rational Use of Laboratory Tests</li> </ul>	
<b>Brief content of the course (syllabus):</b> <u>Laboratory Diagnostics</u> <ul style="list-style-type: none"> <li>• Clinical Laboratory</li> <li>• Reference Intervals</li> <li>• Diagnostic Value</li> </ul> <u>Laboratory Tests</u> <ul style="list-style-type: none"> <li>• Molecular Pathology</li> <li>• Clinical Chemistry</li> <li>• Medical Microscopy &amp; Urine Analysis</li> <li>• Cytogenetics</li> <li>• HLA</li> <li>• Hematology</li> <li>• Koagulácia</li> <li>• Coagulation</li> <li>• Immunopathology</li> <li>• Transfusion Medicine</li> </ul> <u>Rational Use of Laboratory Tests</u> <ul style="list-style-type: none"> <li>• Internal Medicine</li> <li>• Endocrinology</li> <li>• Hematology</li> <li>• Coagulation</li> <li>• Transfusiology &amp; Blood Bank</li> <li>• Extravasates</li> <li>• Immunology</li> <li>• Infection Diseases</li> </ul>	

- Urgent Medicine

**Recommended literature:**

- G. Kováč, A. Porubenová: Laboratórna medicína: rozšírené syllaby a poznámky, Bratislava, SZU, 2015
- G, Kováč, A. Porubenová, L. Gurtler, Š. Hrušovský: Racionálna indikácia laboratórných parametrov, Bratislava, Herba, 2015

**Language requirements:***english***Notes:***The course runs in English language.***Course assessment**

Assessed students in total: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

**Lecturers:***Prof. MUDr. RNDr. Gustav Kovac CSc MBA***Date of last modification:** 12. 6. 2016**Supervised by:***prof. MUDr. Peter Šimko, CSc.*