

Name of university, Name of faculty: Trnava University  
Faculty of Health Care and Social Work

### INFORMATION SHEET OF THE SUBJECT

<b>Code:</b> OsBc02	<b>Name:</b> Pathological anatomy and pathophysiology				
<b>Cover:</b> Department of Nursing					
<b>Type of educational activity:</b> Seminar				<b>Number of credits:</b> 2	<b>Recommended semester:</b> ST
<b>Scope of educational activity (in hours):</b> <b>Weekly:</b> 2 <b>For term of study:</b> LS 26					<b>Study grade:</b> 1. PO
<b>Method of educational activity:</b>					
Recommended semester	Study programme				
1. year ST	Nursing (D1-OŠET-22-K) Nursing (D1-OŠET-22) Nursing (E1-OŠE-25)				
<b>Underlie subjects:</b>					
<b>Conditions for passing the course:</b>					
<b>Method of evaluation:</b> Completion by taking an examination					
<b>Continuous evaluation:</b> none					
<b>Final evaluation:</b> Evaluation: written test A: 100 – 95%; B: 94 – 89%; C: 88 – 83; D: 82 – 77%; E: 76 – 71%; FX: 70% and less					
<b>Finished:</b> test					
<b>Learning outcomes:</b>					
LO1 A student can define basic terms in anatomical pathology and pathophysiology, aetiology and diseases pathogenesis.					
LO2 A student will define regressive, progressive changes and teratology, inflammation and immuno-pathological processes and tumours.					
LO3 A student will describe the pathophysiology of shock, internal environment disorders and ABR.					
LO4 A student will describe the pathophysiology of cardiovascular diseases, gastro-intestinal diseases.					
LO5 A student will describe the pathophysiology of respiratory diseases, urinary and genital system diseases.					
LO6 A student will describe the pathophysiology of CNS diseases.					
<b>Schedule of subject:</b>					
1) The definition of anatomical pathology and pathophysiology.					
2) Disease, disorders causes, aetiology and pathogenesis.					
3) Regressive and progressive changes. Teratology.					
4) Inflammation. Immuno-pathological processes review.					
5) Tumours (pseudo-tumours, precancerous lesions, oncoma, tumour growth).					
6) The pathophysiology of shock.					
7) Internal environment disorders I.- causes and mechanisms of aqueous and electrolyte metabolism disorders and acid-base balance.					
8) The pathophysiology of cardiovascular diseases.					
9) The pathophysiology of gastrointestinal disorders (GIT), peritoneum and GIT function, liver and biliary tract disorders.					
10) The pathophysiology of respiratory diseases. 2					
11) The pathophysiology of urinary and genital system diseases.					
12) The pathophysiology of CNS diseases.					
<b>Recommended reading:</b>					
• KOPECKÝ, Š. : 2008. Základy patologickej anatómie, SAP, Bratislava, 2008, 77 s.					
• MAČÁK, J. – MAČÁKOVÁ, J. – DVOŘÁČKOVÁ, J. : 2012. Patologie, Grada, Publishing, Praha, 2012, 376 s., ISBN 978-80-247-3530-6.					
• VOKURKA, M. a kol. 2018. Patofyziologie pro nelékařské směry. Univerzita Karlova Nakladatelství Karolinum. ISBN 978-80-246-3563-7.					
<b>Language requirements:</b> Slovak					
<b>Notes:</b>					
The daily combined method consists of seminars (online, discussion group in MS Teams). Self-study is supported by e-learning.					
<b>Course evaluation:</b>					
Assessed students in total: 231					
A	B	C	D	E	FX
7%	10%	20%	16%	19%	27%
<b>Lecturers:</b>					
MUDr. Igor Duda, PhD., lecturer, examiner					
<b>Date of last change:</b> 01.09.2025					
<b>Approved by:</b> doc. PhDr. Andrea Botiková, PhD., MPH, univ. prof.					