

**PATHOPHYSIOLOGY ACADEMIC 2023/2024.**  
**LIST OF REQUIRED SEMINAR AND LAB MAKE-UPS FOR THE FIFTH (WINTER) SEMESTER**

**The list does NOT contain minuses for labs and seminars in the last week of the fifth semester.**  
**Blank fields in the table below mean you have nothing to make-up.**  
**If there is something to make-up, please follow these instructions:**

To do **LAB make-ups** you have to attend the make-ups at the time designated in a separate document which will be published by the end of this week. You have to do this for **EACH AND EVERY** lab that you have missed, i.e. you have to make-up for **ALL** of the missed labs listed below.

To do **SEMINAR make-ups** you have to submit an essay on the topic of the seminar that you are making-up for. The essays must contain your name and index number as well as the title of the seminar you are making-up. They should be written with margins of 2cm on each side, using Times New Roman or similar font size 12pt and be between 3(three) and 6(six) pages long. Submit in either PDF or Microsoft Word formats (.doc or .docx). **Since you are allowed to have two missed seminars without making up for them, you have to write essays for third, fourth, etc. missed seminar, NOT for all seminars listed below.** In other words, if in table below you have three missed seminars, you have to write only one essay (the other two seminars do not need making-up), if you have four missed seminars than you write two essays, for five missed seminars you write three essays, and so on. Submit the seminars using the "Seminar make-up" activity which is located at the online study platform in the make-up week (16-22. 01. 2023.)

If you have any technical difficulties during make-ups, or complaints about the list below feel free to contact me.

Kind regards, prof. Lopacic

Index number	SEMINARS to make-up	LABS to make-up
6002/21		
6110/21		
6070/21		LAB#10 Lipid disorders
6094/21		
6087/21		
6082/21	Obesity Atherogenesis Arrhythmia	LAB#07 Hypersensitivity LAB#13 Shock
6053/21		
6090/19		LAB#04 Local circulation LAB#07 Hypersensitivity
6108/21		
6095/21		LAB#01 Hypothermia
6067/23		LAB#01 Hypothermia
6104/21	Atherogenesis Tumour Acid-base disorders	LAB#01 Hypothermia LAB#04 Local circulation

Pathophysiology make-ups, 5th semester 2022/23.

Index number	SEMINARS to make-up	LABS to make-up
6075/21	Cell adaptation and damage Obesity Arrhythmia	LAB#01 Hypothermia LAB#13 Shock
6067/20		
6083/21	Cell adaptation and damage Shock Arrhythmia	LAB#01 Hypothermia LAB#13 Shock
6015/21		
6007/21	Cell adaptation and damage Stress Tumour Water and electrolyte imbalances	LAB#01 Hypothermia LAB#04 Local circulation LAB#09 Protein alterations LAB#10 Lipid disorders
6003/20		
6013/21		LAB#01 Hypothermia
6001/18	Cell adaptation and damage Obesity Atherogenesis Tumour	LAB#08 Autoimmune diseases LAB#09 Protein alterations
6049/20		LAB#01 Hypothermia LAB#12 Acid-base imbalances
6040/21		
6004/20		
6011/21		LAB#03 Electrical and Chemical factor
6063/21	Cell adaptation and damage Hypoxia Radiation Stress Vitamins	LAB#01 Hypothermia LAB#02 Asphyxia LAB#03 Electrical and Chemical factor LAB#04 Local circulation
6022/21		
6028/21		
6097/21		LAB#01 Hypothermia
6018/21		
6004/21	Vitamins Water and electrolyte imbalances Acid-base disorders Shock	LAB#11 Fluid and electrolyte imbalances LAB#12 Acid-base imbalances
6027/21		LAB#01 Hypothermia
6048/21		LAB#01 Hypothermia LAB#02 Asphyxia LAB#09 Protein alterations LAB#10 Lipid disorders
6061/21		LAB#01 Hypothermia
6076/20		
6019/21		LAB#13 Shock
6010/21		LAB#01 Hypothermia LAB#13 Shock

Pathophysiology make-ups, 5th semester 2022/23.

<b>Index number</b>	<b>SEMINARS to make-up</b>	<b>LABS to make-up</b>
6106/21		LAB#01 Hypothermia
6107/21		LAB#12 Acid-base imbalances
6051/21		
6095/20	Cell adaptation and damage Atherogenesis Tumour Acid-base disorders	LAB#01 Hypothermia LAB#04 Local circulation
6008/21		LAB#01 Hypothermia LAB#13 Shock
6005/21		LAB#10 Lipid disorders