

Physiology 1 (6 CFU, 66 hours: 58h lectures, 8h labs, per student)			
MODULE 1: Prof. BACCI Lectures		MODULE 2: dr. VENTRELLA Labs	
MODULE 2			
GENERAL TOPICS	TOPICS	SPECIFIC CONTENTS	HRS
BLOOD (7h)	BLOOD WET LABS	Leukocytes differential count: execution of blood smears, staining and differential count.	2
		Erythrocytes osmotic fragility test: dilution of saline solution, spectrophotometer reading, use of centrifuges and their settings.	2
	PROBLEM-BASED INTERACTIVE SEMINAR ON COAGULATIONS	Discussion in small groups of dedicated clinical cases on coagulations. Students have to research on the given case and then present it to their colleagues.	3
FUNCTIONS OF THE GE SYSTEM (1h)	GE BEHAVIOR OF DAIRY COWS	Observational activity of the gastrointestinal behavior of dairy cows housed in the department barn: food prehension, drinking, mastication and swallowing, rumination and eructation, defecation.	1