

3rd year Bachelor 2022-2023 - Prof. Nicole Sekarski-Hunkeler, year coordinator

Individual hours of work are not explicitly listed

Modules and domains	Components	Nb hours	Coordinator	Credits
BMed3.1 Heart - Lungs (5 weeks)			Sekarski-Hunkeler Nicole	8
B3.1 Heart-Lungs - Hemoptysis	Course	7		
B3.1 Heart-Lungs - Interpretation of ECG	Workshop	10		
B3.1 Heart-Lungs - Interpretation of ECG	Course	2		
B3.1 Heart-Lungs - Interpretation radiographs thoracic	Course	3		
B3.1 Heart-Lungs - Interpretation of pneumological vignettes	Workshop	6		
B3.1 Heart-Lungs - Cyanosis	Course	6		
B3.1 Heart-Lungs - Acute chest pain	Course	14		
B3.1 Heart-Lungs - Acute dyspnee	Course	13		
B3.1 Heart-Lungs - Chronic dyspnee	Course	13		
B3.1 Heart-Lungs - Arrythmia	Course	7		
B3.1 Heart-Lungs - Fever	Course	3		
B3.1 Heart-Lungs - Review/self-assessment	Course	2		
B3.1 Heart-Lungs - Seminars	Seminar	4		
	Total	90		
BMed3.2 Abdominal pain (4 weeks)			Hahnloser Dieter Schoepfer Alain	7
B3.2 Abdominal pain - Anesthesia	Course	2		
B3.2 Abdominal pain - Surgery	Course	22		
B3.2 Abdominal pain - Gastroenterology	Course	19		
B3.2 Abdominal pain - Nephrology	Course	9		
B3.2 Abdominal pain - Pathology	Course	4		
B3.2 Abdominal pain - Pharmacology	Course	7		
B3.2 Abdominal pain - Radiology	Course	6		
B3.2 Abdominal pain - Urology	Course	4		
	Total	73		
BMed3.3 Inflammation (5 weeks)			Ribi Camillo	8
B3.3 Inflammation - Immunology	Course	19		
B3.3 Inflammation - Immunopathology	Course	22		
B3.3 Inflammation - Infectious diseases	Course	24		
B3.3 Inflammation - Microbiology	Course	4		
B3.3 Inflammation - Pharmacology	Course	5		
B3.3 Inflammation - Immunology and microbiology	Workshop	2		
B3.3 Inflammation - Immunology and microbiology	Course	1		
	Total	77		

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Modules and domains	Components	Nb hours	Coordinator	Credits
BMed3.4 Higher brain functions and nervous system (5 weeks)			Conus Philippe	8
B3.4 Higher brain functions and nervous system - Analgesia	Course	2		
B3.4 Higher brain functions and nervous system - Neurosurgery	Course	5		
B3.4 Higher brain functions and nervous system - Neurology	Course	27		
B3.4 Higher brain functions and nervous system - Neuropsychology/neurorehabilitation	Course	19		
B3.4 Higher brain functions and nervous system - Neuropsychology/neurorehabilitation	Practical work	4		
B3.4 Higher brain functions and nervous system - Neuroradiology	Course	4		
B3.4 Higher brain functions and nervous system - Psychiatrics	Course	25		
B3.4 Higher brain functions and nervous system - Cognitive neurology	Course	10		
	Total	96		
BMed3.5 Growth and development (5 weeks)			Hauschild Michael	8
B3.5 Growth and development - Pediatric surgery	Course	5		
B3.5 Growth and development - Pediatrics	Problem-solving oriented learning	5		
B3.5 Growth and development - Pediatrics	Course	79		
B3.5 Growth and development - Pharmacology	Course	2		
B3.5 Growth and development - Radiology	Course	2		
	Total	93		
BMed3.6 MSC - Community immersion (4 weeks)			Bodenmann Patrick	7
B3.6 Practical in community medicine - Plenary session	Workshop	4		
B3.6 Practical in community medicine - Plenary session	Course	11		
B3.6 Practical in community medicine - Group working	Exercises	94		
	Total	109		
BMed3.7 Epidemiology, prevention and community medicine			Bodenmann Patrick	5
B3.7 Addictions : first consumptions, first problems	Course	4		
B3.7 Racism and the Practice of Medicine: Elements for a Required Learning	Course	2		
B3.7 Cardiovascular diseases	Course	4		
B3.7 Transmissible diseases, AIDS	Course	4		
B3.7 Integrative and complementary medicine	Course	2		
B3.7 Mother and child health	Course	4		
B3.7 Health, minorities, diversity	Course	4		
B3.7 Sedentary and overweight	Course	4		
B3.7 How to take care of health in a population	Course	4		
B3.7 Smoking and smoking cessation	Course	4		
B3.7 Aging population	Course	4		
	Total	40		

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BMed3.8 Clinical skills			Félix Sylvie	6
B3.8 Clinical skills	Course	2		
B3.8 Clinical skills - History taking - Theoretical bases	Course	9		
B3.8 Clinical skills - History taking - Application	Simulation, with SP	1		
B3.8 Clinical skills - Clinical examination - Theoretical bases	Course	19		
B3.8 Clinical skills - Clinical examination - Theoretical bases	Clinical skills seminar	4		
B3.8 Clinical skills - Clinical examination - Practical bases	Simulation, without SP	7		
B3.8 Clinical skills - Musculoskeletal system - Theoretical bases	Course	1		
B3.8 Clinical skills - Musculoskeletal system - Theoretical bases	Auto-apprentissage	2		
B3.8 Clinical skills - Prevention of infection transmission - Theoretical bases	Course	1		
B3.8 Clinical skills - Emergencies and resuscitation - Theoretical bases	Course	5		
B3.8 Clinical skills - Clinical case resolution - Theoretical and practical bases	Course	10		
B3.8 Clinical skills - Clinical immersion - Bedside teaching	Bedside Teaching	60		
B3.8 Clinical skills - Musculoskeletal system - Practical bases	Simulation, without SP	12		
	Total	133		

Bmed3.9 Optional courses - Themes to choose from

- | | Course | 36 | Hofer Michael | 3 |
|--|--------|----|---------------|---|
| <ul style="list-style-type: none"> - Anesthesia : from applied physiology to perioperative and resuscitation medicine - Neither girl nor boy : anomaly or difference ? (Pediatric surgery) - Growth and development from every angle - The logics of the depression: psychopathology, psychotherapy and neuroscience - What do you walk with? - Genes and vision - Introduction to emergency in the outpatient setting - Complementary medicine - Pathophysiology and pathology insights from clinical cases - Health equity, health care equity : patients, diseases and public health challenges - Sexual and reproductive health - Agressivity and Violence - Tropical health - Basics of surgical treatment in heart insufficiency - Cancer : towards the understanding of mechanisms and challenges - Pain - Living facing death - Sports Medicine: From the basic physiology to sports medicine field - Caring for a patient with a suspected infection - To be a family doctor: spectacular ! | | | | |

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<ul style="list-style-type: none"> - Spiritual dimension of the patient : issues and impacts on the clinic - Being a physician today - The kingdom of the glands : How the serve and protect their queen, the Pituitary - Health care professionals facing AI : extinction or rebellion ? - Neurosurgical Emergencies and Neuroreanimation : Cooperation, optimization and how to save your patient - Death investigation... the forensic physician never walks alone! The importance of interdisciplinary teamwork in forensic medicine - Human health and the health of the planet: the future of medicine - Being a Leader and Exercising Leadership as your Natural Self-Expression - The body in all its states: between eating disorders, obesity and performance stress - Relational and emotional skills of the doctor : Knowing how to be with others and with oneself - Boomerang effect of human activities on Earth: impact of pollutions in Health - Minimally invasive surgery: a translational approach - ELS - Clinical assessment : detection of warning signs and First Aid - ELS - Compulsory psychiatric treatments and Human Rights - ELS - Good Interprofessional Practice in Clinical Nutrition - ELS - Interprofessional Collaboration in the Clinical Context of Palliative Care - ELS - Interprofessional collaboration in the setting of pediatrician clinics - ELS - Interprofessional Collaboration Today: Skills for Quality of Care and Patient Safety - Oncology summerschool - Immunology summerschool 				