

3rd year Bachelor 2020-2021 - Prof. Nicole Sekarski-Hunkeler, year coordinator

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	7		
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	4		
B3.1 Heart-Lungs - Cyanosis	Course	6		
B3.1 Heart-Lungs - Acute chest pain	Course	14		
B3.1 Heart-Lungs - Acute dyspnee	Course	14		
B3.1 Heart-Lungs - Chronic dyspnee	Course	13		
B3.1 Heart-Lungs - Arrythmia	Course	6		
B3.1 Heart-Lungs - Fever	Course	3		
B3.1 Heart-Lungs - Review/self-assessment	Course	2		
B3.1 Heart-Lungs - Seminars	Seminar	4		
	Total	85		
BMed3.2 Abdominal pain (4 weeks)			Hahnloser Dieter Schoepfer Alain	7
B3.2 Abdominal pain - Anesthesia	Course	2		
B3.2 Abdominal pain - Surgery	Course	24		
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	4		
B3.2 Abdominal pain - Urology	Course	4		
	Total	73		
BMed3.3 Inflammation (5 weeks)			Ribi Camillo	8
B3.3 Inflammation - Immunology and microbiology	Workshop	2		
B3.3 Inflammation - Immunology	Course	18		
B3.3 Inflammation - Immunopathology	Course	27		
B3.3 Inflammation - Immunopathology	Practical work	1		
B3.3 Inflammation - Infectious diseases	Course	24		
B3.3 Inflammation - Microbiology	Course	4		
B3.3 Inflammation - Pharmacology	Course	3		
	Total	79		

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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	28		
B3.4 Higher brain functions and nervous system - Neuropsychology/neurorehabilitation	Course	28		
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		
	Total	96		
BMed3.5 Growth and development (5 weeks)				
			Suris Joan-Carles	8
B3.5 Growth and development - Pediatric surgery	Course	5		
B3.5 Growth and development - Pediatrics	Problem based learning	4		
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	92		
BMed3.6 MSC - Community immersion (4 weeks)				
			Bodenmann Patrick	7
B3.6 Practical in community medicine - Plenary session	Workshop	34		
B3.6 Practical in community medicine - Plenary session	Course	28		
B3.6 Practical in community medicine - Group working	Exercices	92		
	Total	154		
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		
BMed3.8 Clinical skills				
			Félix Sylvie Monti Matteo	6
B3.8 Bedside teaching	Bedside teaching	126		
B3.8 Skills - Module 3.1	Course	11		
B3.8 Skills - Module 3.1	Exercices	3		
B3.8 Skills - Module 3.2	Course	13		
B3.8 Skills - Module 3.2	Exercices	8		
B3.8 Skills - Module 3.3	Exercices	16		

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B3.8 Skills - Module 3.4	Exercises	2		
B3.8 Skills - Module 3.5	Exercises	16		
	Total	195		

Bmed3.9 Optional courses - Themes to choose from

- Aggressivity and Violence
- Anesthesia : from applied physiology to perioperative and resuscitation medicine
- Basics of surgical treatment in heart insufficiency
- Being a physician today
- Cancer : towards the understanding of mechanisms and challenges
- Caring for a patient with a suspected infection
- Complementary medicine
- Genes and vision
- Growth and development from every angle
- Health care professionals facing AI : extinction or rebellion ?
- Health equity, health care equity : patients, diseases and public health challenges
- Introduction to emergency in the outpatient setting
- Living facing death
- Neither girl nor boy : anomaly or difference ? (Pediatric surgery)
- Pain
- Physiopathology and pathology based on clinical cases
- Sexual and reproductive health
- Spiritual dimension of the patient : issues and impacts on the clinic
- Sports Medicine: From the basic physiology to sports medicine field
- The kingdom of the glands : How the serve and protect their queen, the Pituitary
- The logics of the depression: psychopathology, psychotherapy and neuroscience
- To be a family doctor: spectacular !
- Tropical health
- What do you walk with?
- ELS - Clinical assessment : detection of warning signs and First Aid
- ELS - Community Dream Team
- ELS - Geriatric clinical assessment
- ELS - Good Interprofessional Practice in Clinical Nutrition
- ELS - Human rights and alternatives to coercion in psychiatry
- ELS - Interprofessional collaboration in the setting of pediatrician clinics
- Immunology summerschool
- Oncology summerschool

Course	Nb hours	Coordinator	Credits
	36	Hofer Michael	3