

3rd year Bachelor 2023-2024

Modules and domains	Components	Nb hours	Coordinator	Credits
<b>BMed3.1 Heart - Lungs (5 weeks)</b>			<b>Monney Pierre Sekarski-Hunkeler Nicole</b>	<b>8</b>
B3.1 Heart-Lungs - Hemoptysis	Course	7		
B3.1 Heart-Lungs - Interpretation of ECG	Course	2		
B3.1 Heart-Lungs - Interpretation of ECG	Workshop	8		
B3.1 Heart-Lungs - Interpretation radiographs thoracic	Course	3		
B3.1 Heart-Lungs - Interpretation of pneumological vignettes	Workshop	8		
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		
	<b>Total</b>	<b>90</b>		
<b>BMed3.2 Abdominal pain (4 weeks)</b>			<b>Hahnloser Dieter Schoepfer Alain</b>	<b>7</b>
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		
	<b>Total</b>	<b>73</b>		
<b>BMed3.3 Inflammation (5 weeks)</b>			<b>Ribi Camillo</b>	<b>8</b>
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		
	<b>Total</b>	<b>77</b>		

3rd year Bachelor 2023-2024

Modules and domains	Components	Nb hours	Coordinator	Credits
<b>BMed3.4 Higher brain functions and nervous system (5 weeks)</b>				
			<b>Conus Philippe</b>	<b>8</b>
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		
	<b>Total</b>	<b>96</b>		
<b>BMed3.5 Growth and development (5 weeks)</b>				
			<b>Hauschild Michael</b>	<b>8</b>
B3.5 Growth and development	Course	2		
B3.5 Growth and development - Development and growth follow-up	Course	9		
B3.5 Growth and development - Common pediatric conditions	Course	48		
B3.5 Growth and development - Common pediatric conditions	Auto-apprentissage	1		
B3.5 Growth and development - Pediatric emergencies	Course	19		
B3.5 Growth and development - Pediatric emergencies	Auto-apprentissage	1		
B3.5 Growth and development - Social pediatrics and adolescent health	Course	13		
	<b>Total</b>	<b>93</b>		
<b>BMed3.6 MSC - Community immersion (4 weeks)</b>				
			<b>Bodenmann Patrick</b>	<b>7</b>
B3.6 Practical in community medicine - Plenary session	Workshop	3		
B3.6 Practical in community medicine - Plenary session	Course	10		
B3.6 Practical in community medicine - Group working	Exercises	94		
	<b>Total</b>	<b>107</b>		
<b>BMed3.7 Epidemiology, prevention and community medicine</b>				
			<b>Bodenmann Patrick</b>	<b>5</b>
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		
	<b>Total</b>	<b>40</b>		

3rd year Bachelor 2023-2024

Modules and domains	Components	Nb hours	Coordinator	Credits
<b>BMed3.8 Clinical skills</b>			<b>Félix Sylvie</b>	<b>6</b>
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		
B3.8 Clinical Skills - Epidemiology - Theoretical bases	Seminar	4		
	<b>Total</b>	<b>135</b>		

<b>Bmed3.9 Optional courses - Themes to choose from</b>	<b>Course</b>	<b>36</b>	<b>Hofer Michael</b>	<b>3</b>
<ul style="list-style-type: none"> <li>- Addiction medicine in immersion</li> <li>- Agressivity and Violence</li> <li>- Anesthesia : from applied physiology to perioperative and resuscitation medicine</li> <li>- Basics of surgical treatment in heart insufficiency</li> <li>- Being a Leader and Exercising Leadership as your Natural Self-Expression</li> <li>- Boomerang effect of human activities on Earth: impact of pollutions in Health</li> <li>- Cancer : towards the understanding of mechanisms and challenges</li> <li>- caring for a patient with a suspected infection</li> <li>- Complementary medicine</li> <li>- Death investigation... the forensic physician never walks alone! The importance of interdisciplinary teamwork in forensic medicine</li> <li>- Genes and vision</li> <li>- Growth and development from every angle</li> <li>- Health care professionals facing AI : extinction or rebellion ?</li> <li>- Health equity, health care equity : patients, diseases and public health challenges</li> <li>- Health impact of climate change and environmental degradation</li> <li>- Human milk and infant nutrition : feeding for the future</li> <li>- Introduction to emergency in the outpatient setting</li> <li>- Living facing death</li> <li>- MD-PhD Shadowing: Six afternoons in the shoes of an (MD-)PhD student</li> <li>- Minimally invasive surgery: a translational approach</li> <li>- Neither girl nor boy : anomaly or difference ? (Pediatric surgery)</li> <li>- Neurosurgical Emergencies and Neuroreanimation : Cooperation, optimization and how to save your patient</li> <li>- Pain</li> </ul>				

3rd year Bachelor 2023-2024

Modules and domains	Components	Nb hours	Coordinator	Credits
<ul style="list-style-type: none"> <li>- Pathophysiology and pathology insights from clinical cases</li> <li>- Promoting mental health and early intervention for young people : a journey in adolescence</li> <li>- Relational and emotional skills of the doctor : Knowing how to be with others and with oneself</li> <li>- Sexual and reproductive health</li> <li>- Spiritual dimension of the patient : issues and impacts on the clinic</li> <li>- Sports Medicine: From the basic physiology to sports medicine field</li> <li>- The body in all its states: between eating disorders, obesity and performance stress</li> <li>- The kingdom of the glands : How the serve and protect their queen, the Pituitary</li> <li>- The logics of the depression: psychopathology, psychotherapy and neuroscience</li> <li>- to be a family doctor: spectacular !</li> <li>- Tropical health</li> <li>- What do you walk with?</li> <li>- Immunology summerschool</li> <li>- Oncology summerschool</li> <li>ELS - Clinical assessment : detection of warning signs and First Aid</li> <li>ELS - Compulsory psychiatric treatments and Human Rights</li> <li>ELS - Good Interprofessional Practice in Clinical Nutrition</li> <li>ELS - Interprofessional Collaboration in the Clinical Context of Palliative Care</li> <li>ELS - Interprofessional collaboration in the setting of pediatrician clinics</li> <li>ELS - Interprofessional Collaboration Today: Skills for Quality of Care and Patient Safety</li> </ul>				