

2nd year Bachelor 2019-2020 - Prof. Romano Regazzi, year coordinator

Modules and domains	Components	Nb hours	Coordinator	Credits
BMed2.1 Cells, organs, systems (4 weeks)			Widmann Christian	7
B2.1 Cells, organs, systems - Biochemistry	Course	12		
B2.1 Cells, organs, systems - Biochemistry	Practical work	4		
B2.1 Cells, organs, systems - Endocrinology	Workshop	4		
B2.1 Cells, organs, systems - Endocrinology	Course	8		
B2.1 Cells, organs, systems - Histology	Course	3		
B2.1 Cells, organs, systems - Histology	Practical work	2		
B2.1 Cells, organs, systems - Pathology	Course	8		
B2.1 Cells, organs, systems - Pathology	Practical work	2		
B2.1 Cells, organs, systems - Pharmacology and toxicology	Course	14		
B2.1 Cells, organs, systems - Pharmacology and toxicology	Practical work	4		
B2.1 Cells, organs, systems - Radiology	Course	8		
	Total	69		
BMed2.2 Blood, immunity, infection (5 weeks)			Greub Gilbert	10
B2.2 Blood, immunity, infection - Biochemistry	Practical work	5		
B2.2 Blood, immunity, infection - Hematology	Course	17		
B2.2 Blood, immunity, infection - Histology	Practical work	5		
B2.2 Blood, immunity, infection - Immunology	Course	28		
B2.2 Blood, immunity, infection - Microbiology	Course	21		
B2.2 Blood, immunity, infection - Microbiology	Practical work	8		
B2.2 Blood, immunity, infection - Pathology	Course	25		
	Total	109		
BMed2.3 Neurosciences (5 weeks)			Lüthi Anita	10
B2.3 Neurosciences - Anatomy	Course	8		
B2.3 Neurosciences - Anatomy	Practical work	4		
B2.3 Neurosciences - Biochemistry	Practical work	4		
B2.3 Neurosciences - Embryology	Course	2		
B2.3 Neurosciences - Histology	Practical work	2		
B2.3 Neurosciences - Radiology	Course	2		
B2.3 Neurosciences - Radiology	Practical work	2		
B2.3 Neurosciences - Neurology	Course	6		
B2.3 Neurosciences - Neurosciences	Course	38		
B2.3 Neurosciences - Neurosciences	Practical work	10		
B2.3 Neurosciences - ENT	Course	1		
B2.3 Neurosciences - Pathology	Course	2		
B2.3 Neurosciences - Pharmacology	Course	6		
	Total	87		

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Modules and domains	Components	Nb hours	Coordinator	Credits
BMed2.4 Breathing and circulation (5 weeks)			Amati Francesca	10
B2.4 Breathing and circulation - Anatomy	Course	12		
B2.4 Breathing and circulation - Anatomy	Practical work	8		
B2.4 Breathing and circulation - Biochemistry	Practical work	4		
B2.4 Breathing and circulation - Histology	Course	11		
B2.4 Breathing and circulation - Histology	Practical work	6		
B2.4 Breathing and circulation - Pathology	Course	2		
B2.4 Breathing and circulation - Pharmacology	Course	3		
B2.4 Breathing and circulation - Physiology	Workshop	2		
B2.4 Breathing and circulation - Physiology	Course	40		
B2.4 Breathing and circulation - Physiology	Practical work	2		
B2.4 Breathing and circulation - Physiopathology	Course	2		
B2.4 Breathing and circulation - Physics	Course	4		
B2.4 Breathing and circulation - Radiology	Course	2		
B2.4 Breathing and circulation - Radiology	Practical work	2		
	Total	100		
BMed2.5 Digestive system, metabolism (4 weeks)			Regazzi Romano	7
B2.5 Digestive system, metabolism - Anatomy	Course	8		
B2.5 Digestive system, metabolism - Anatomy	Practical work	6		
B2.5 Digestive system, metabolism - Biochemistry	Course	21		
B2.5 Digestive system, metabolism - Biochemistry	Practical work	3		
B2.5 Digestive system, metabolism - Gastroenterology	Course	4		
B2.5 Digestive system, metabolism - Histology	Course	8		
B2.5 Digestive system, metabolism - Histology	Practical work	4		
B2.5 Digestive system, metabolism - Pathology	Course	4		
B2.5 Digestive system, metabolism - Pediatrics	Course	2		
B2.5 Digestive system, metabolism - Pharmacology	Course	3		
B2.5 Digestive system, metabolism - Physiology	Course	23		
B2.5 Digestive system, metabolism - Radiology	Course	2		
B2.5 Digestive system, metabolism - Radiology	Practical work	2		
	Total	90		
BMed2.6 Urogenital system and homeostasis (5 weeks)			Bonny Olivier	10
B2.6 Urogenital system and homeostasis - Anatomy	Course	6		
B2.6 Urogenital system and homeostasis - Anatomy	Practical work	3		
B2.6 Urogenital system and homeostasis - Biochemistry	Practical work	4		
B2.6 Urogenital system and homeostasis - Endocrinology	Course	7		
B2.6 Urogenital system and homeostasis - Histology and Embryology	Course	15		
B2.6 Urogenital system and homeostasis - Histology and Embryology	Practical work	6		
B2.6 Urogenital system and homeostasis - Nephrology	Course	8		
B2.6 Urogenital system and homeostasis - Pathology	Course	2		
B2.6 Urogenital system and homeostasis - Pathology	Practical work	2		
B2.6 Urogenital system and homeostasis - Pharmacology	Course	5		

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B2.6 Urogenital system and homeostasis - Physiology	Course	12		
B2.6 Urogenital system and homeostasis - Physiopathology	Course	18		
B2.6 Urogenital system and homeostasis - Radiology	Course	4		
B2.6 Urogenital system and homeostasis - Radiology	Practical work	2		
B2.6 Urogenital system and homeostasis - Urology	Course	2		
	Total	96		
BMed2.7 MSC - Medical care in the community			Senn Nicolas	-
B2.7 Visit to socio-medical centers and Medicine in private practice	Course	2		
B2.7 Medicine in private practice	Seminar	5		
B2.7 Visit to socio-medical centers	Workshop	10		
	Total	17		
BMed2.8 Clinical skills			Félix Sylvie Newman Christopher Monti Matteo	5
B2.8 Clinical skills - 2.1	Practical work	16		
B2.8 Clinical skills - 2.2	Practical work	10		
B2.8 Clinical skills - 2.3	Practical work	8		
B2.8 Clinical skills - 2.4	Practical work	10		
B2.8 Clinical skills - 2.5	Practical work	6		
B2.8 Clinical skills - 2.6	Practical work	9		
	Total	59		
BMed2.9 Optional courses - Themes to choose from		10	Regazzi Romano	1
<ul style="list-style-type: none"> - Hip in all its forms - Brain cells in action - Immunology, inflammation, cancer - Transgenic mice as animal model for diseases - Genomic discoveries and personalized medicine - The mysteries of sleep - Defining issues and strategies for medicine of population - Dietary sugars and health: from beneficial effects to athletes to deleterious effects in sedentary individuals 				