

1st year Bachelor 2017-2018 - Prof. J.-P. Hornung, year coordinator

Modules and domains	Components	Nb hours	Coordinator	Credits
BMed1.1 The Matter			Bochud François	16
B1.1 The Matter - General chemistry	Course	48		
B1.1 The Matter - General chemistry	Exercices	14		
B1.1 The Matter - Organic chemistry	Course	49		
B1.1 The Matter - Organic chemistry	Exercices	8		
B1.1 The Matter - Organic chemistry	Seminar	2		
B1.1 The Matter - Physics	Course	34		
B1.1 The Matter - Physics	Exercices	14		
B1.1 The Matter - Physics	Supervised work	3		
	Total	172		
BMed1.2 The cell			Dotto Gian-Paolo	11
B1.2 The cell - General biochemistry	Course	32		
B1.2 The cell - Cell and tissue biology	Course	38		
B1.2 The cell - Cell and tissue biology	Practical work	15		
B1.2 The cell - Cell and molecular biology	Course	14		
	Total	99		
BMed1.3 The development			Hornung Jean-Pierre	11
B1.3 The development - Human embryology	Course	16		
B1.3 The development - General genetics	Course	14		
B1.3 The development - Molecular genetics	Course	8		
B1.3 The development - Introduction to medical radiation physics	Course	12		
B1.3 The development - General physiology	Course	16		
B1.3 The development - Webembryology	Course	11		
B1.3 Introduction to animal embryology	Course	10		
	Total	87		
BMed1.4 The locootor system			Riederer Beat	11
B1.4 The locomotor system - Anatomy	Course	32		
B1.4 The locomotor system - Anatomy	Practical work	14		
B1.4 The locomotor system - Biomechanics	Course	11		
B1.4 The locomotor system - Introduction to neurobiology of locomotion	Course	6		
B1.4 The locomotor system - General physiology	Course	14		
	Total	77		

Bmed 1.5 Médecine : Medical humanities		Barras Vincent Saraga Michaël	11
B1.5 Medical humanities - Introduction to seminars	Course	1	
B1.5 Medical humanities - Patients' rights	Course	8	
B1.5 Medical humanities - Epidemiology and statistics	Course	16	
B1.5 Medical humanities - Epidemiology and statistics	Practical work	4	
B1.5 Medical humanities - Historical foundations of medicine	Course	8	
B1.5 Medical humanities - Patient-caregiver interaction	Course	8	
B1.5 Medical humanities - Introduction to human sciences in medicine	Course	8	
B1.5 Medical humanities - Medical practice in a healthcare system	Course	8	
B1.5 Medical humanities - Medicine, technology and society	Course	8	
B1.5 Medical humanities - Anthropological perspectives of medicine and health	Course	8	
B1.5 Medical humanities - Health and disease : an introduction to medical ethics	Course	8	
B1.5 Medical humanities - Seminars :	Seminar	12	
- Contemporary relations between medicine, technology and society			
- Eating behaviors, prevention and medical practice			
- Doctor I can't take it anymore, do something : end of life decisions and issues			
- Anthropological perspectives of medicine and health			
- Communication in medical context			
- The medical practitioner and the issue of risk			
- The doctor and the Nature			
- Physicians facing crime			
- The profession of physician			
- Norm and pathology			
- Social and human aspects of sexual and reproductive health			
- Caregivers facing death			
- Patient's point of view on the experience of disease			
- Physician and Society : what kind of partnership for population health ?			
- Medicine and Gender- biological and social inequities in health			
- Medicine and the Medias			
- Medicine, religions and spirituality - I			
- Medicine, religions and spirituality II			
- Medical practices			
- Cross-view on addiction			
- Are diseases just a matter of individual behaviors ?			
- Aging today - Crossed views between medical and social			
	Total	97	