

Master ingénieur civil en génie biomédical - *MSc. in Biomedical Engineering*

Les informations détaillées à propos de chaque cours sont disponibles en cliquant sur le code cours. En particulier, l'horaire précis, jour par jour, et les locaux correspondants sont accessibles via la rubrique "Horaire".

Detailed information about each course unit is available by clicking the course code. In particular, the detailed schedule, day by day, and the corresponding classrooms are provided under the "Schedule" sub-title.

Q1 T1	Lundi Monday	Mardi Tuesday	Mercredi Wednesday	Jeudi Thursday	Vendredi Friday
am	Bloc 0				
	GBIO0005-1 , PRE 08h30-12h30 Introduction aux neurosciences cog- ...				
	Bloc 1				
	GEST3162-1 , OBL 09h00-12h00 Principles of management	GBIO0029-1 , OBL 09h00-13h00 Bioelectronics	ELEN0062-1 , OBL - SIL 09h00-12h30 Introduction to machine learning PROT0430-3 , OBL - BIO 09h00-12h30 Biomedical robotics and active pros- ... 8 séances à partir d'octobre	GBIO0012-2 , OBL 09h00-12h30 Biomechanics	
	Bloc 2				
		GBIO0033-1 , OBL - SIL 08h30-12h30 Advances in in silico medicine MECA0462-2 , OPT 09h00-12h30 Materials selection	GNEU0004-1 , OPT 08h30-12h30 Computational cognitive modelling MATH0024-1 , OPT 08h30-12h30 Modelling with partial differential ... MECA0516-1 , OPT 09h00-12h30 Mechanical properties of biological ...	ELEN0448-1 , OPT 08h30-12h30 Applied Electricity and Electronics INFO8006-1 , OPT 08h30-12h30 Introduction to artificial intelligence	GBIO0022-1 , OPT 09h00-12h00 Biomimicry
pm	Bloc 0				
		GBIO0002-1 , PRE 13h45-17h45 Genetics and bioinformatics	GBIO0001-1 , PRE 13h45-17h45 Biophysique et biochimie		
	Bloc 1				
	GBIO0027-1 , OBL 13h45-17h45 Integrated project in biomedical en- ...	BIOC0430-1 , OBL - BIO 13h45-17h45 Interactions materials - living systems GNEU0001-1 , OBL - NEU 13h45-17h45 Principles of Neuroengineering INFO0939-1 , OBL - SIL 13h45-17h45 High performance scientific computing		CHIM9320-1 , OPT - BIO 13h45-17h45 Introduction au génie de la réaction ... MECA0139-1 , OBL - BIO 14h-18h Additive manufacturing and 3D prin- ... SYST0017-1 , OBL - NEU 13h30-17h30 Neurodynamics	
	Bloc 2				
	GBIO0036-1 , OPT 14h00-17h00 Experimental Neurophysiology for ...		ELEN0016-2 , OPT 13h45-17h45 Computer vision GBIO0034-1 , OBL - NEU 14h00-17h00 Neuroimaging data analysis durant 6 semaines (entre Toussaint et Noel) MECA0010-1 , OPT 13h45-17h45 Uncertainty quantification and sto- ...	BIOM0631-1 , OBL - BIO 13h45-17h45 Human movement analysis	

Q2 T2	Lundi <i>Monday</i>	Mardi <i>Tuesday</i>	Mercredi <i>Wednesday</i>	Jeudi <i>Thursday</i>	Vendredi <i>Friday</i>	
am	Bloc 0	GBIO0025-1 , PRE 08h30-12h30 Biologie générale et cellulaire		GBIO0026-1 , PRE 08h30-12h30 Physiologie des systèmes	GBIO0013-1 , PRE 08h30-12h30 Phénomènes de transport en biologie	GBIO0021-1 , PRE 08h30-12h30 Projet de laboratoire
	Bloc 1	GBIO0027-1 , OBL 08h30-12h30 Medical device design projects (Ser- ...	MECA0008-1 , OBL - BIO 08h30-12h30 Microfluidics	GBIO0008-2 , OBL 09h00-13h00 Medical imaging	MECA0036-2 , OBL - BIO/SIL 08h30-12h30 Finite Element Method	GBIO0018-2 , OBL - BIO 09h00-12h00 Introduction to tissue engineering INFO8010-1 , OBL - SIL 08h30-12h30 Deep learning
	Bloc 2	LABO0432-3 , OPT 0 Techniques de culture de cellules et ... (cours pour les nouveaux inscrits)	CHIM9319-1 , OPT 13h30-17h30 Chemistry and technology of polymers	GNEU0003-1 , OPT 08h30-12h30 Neuromorphic Signal Processing ELEN0449-1 , OPT 08h30-12h30 Computer Vision understanding		
pm	Bloc 0	GBIO0011-1 , PRE 13h45-17h45 Modélisation des systèmes biologiques				
	Bloc 1		GBIO0014-2 , OBL 13h45-17h45 In silico medicine	SYST0022-1 , OBL - SIL/NEU 13h45-17h45 Linear Systems Design	ELEN0074-1 , OBL - NEU 13h30-17h30 Sensors, microsensors and instru- ...	
	Bloc 2	ELEN0037-1 , OPT 13h45-17h45 Microelectronics and IC design MECA0018-2 , OPT 13h45-17h45 Manufacturing processes	GBIO0015-1 , OPT 13h00-18h00 A tour in genetic epidemiology GBIO0030-1 , OPT 13h00-18h00 Computational approaches to statis- ... GBIO0031-1 , OPT 13h00-18h00 Learning from genomic data MATH0471-2 , OPT 14h00-18h00 Multiphysics integrated computatio- ...	CHIM0604-2 , OPT 13h45-17h45 Chimie et matériaux organiques GNEU0002-1 , OPT 13h45-17h45 Brain Inspired Computing SYST0020-1 , OPT 13h45-17h45 Introduction to microsystems and ...		

Remarques - Comments

BIOL0021-1, Biologie des systèmes, MEYER Patrick

Q1- Horaire à définir - *schedule to be defined*

PROJ0011-2, Personal student project, DE PELSEMAEKER Georges, DUYSINX Pierre, GERIS Liesbet, LEONARD Grégoire

Q1- Horaire à définir - *schedule to be defined*

ASTG9007-1, Observation internship, GERIS Liesbet

TA- Horaire à définir - *schedule to be defined*

SBIM0495-2, Molecular and cellular basis of disease,

Q2- Horaire à définir - *schedule to be defined*

GBIO0016-1, Introduction to systems and synthetic biology, DELVIGNE Frank, DOCQUIER Jean-Denis, JACQUES Philippe

Q2- Horaire à définir - *schedule to be defined*

GBIO0022-1, Biomimicry, COMPÈRE Philippe, GILET Tristan, RUFFONI Davide

Q2- Horaire à définir - *schedule to be defined*

ATFE0016-1, Master thesis (including introduction to research methodology), RUFFONI Davide

TA- Horaire à définir - *schedule to be defined*

ASTG0024-1, Immersion internship, GERIS Liesbet

TA- Horaire à définir - *schedule to be defined*

PHYS0128-1, Magnetic Resonance Imaging - the Basics, LAMALLE Laurent

Q2- Horaire à définir - *schedule to be defined*