FACULTY OF ARTS

SEMESTRE	CODE	TITLE
S2	LHISB303	Questions on the history of Modern Times
S1	LPHIB213	Philosophy of science and technology

FACULTY OF COMPUTER SCIENCE

SEMESTRE	CODE	TITLE
S1	IBAGM302	Introduction to management
S1	IDASM102	Machine learning et data mining
S1	IDASM103	Visualisation of information
S1	IDASM211	Data science news
S1	IHDCB142	Computer Architecture
S1	IHDCM035	Computer security
S1	IHDCM036	Principles of Artificial Intelligence
S1	IHDCM037	Machine learning
S1	IHDCB331	Algorithmique 2
S1	INFOB240	Introduction to self-learning through MOOCs
S1	INFOB315	Computer Networking - Basics
S1	INFOB319	Human-computer interaction
S1	INFOM119	An Introduction to Cryptography and Anonymous Communication
S1	INFOM124	Software verification and validation
S1	INFOM218	Evolution of information systems

S1	INFOM227	Program analysis for cybersecurity
S1	INFOM232	Deep learning et advanced machine learning
S1	INFOM435	Advanced Interaction Methods
S1	INFOM441	Semantic approaches
S1	INFOM450	Internet of Things
S1	INFOM451	Design of mobile, reactive and contextual applications
S1	INFOM453	Ambient and mobile computing project
S1	INFOM471	Model checking
S1 + S2	INFOB318	Personal project
S1 + S2	IHDCB332	Syntaxe et sémantique des langages
S1+ S2	IHDCB339	Introduction to the scientific approach
S1 + S2	INFOB302	Initiation to the scientific method
S2	IDASM101	Big data: engineering and processing
S2	IHDCB236	Computer Networking
S2	IHDCB330	Human-Computer Interactions
S2	IHDCB336	Architecture des applications web
S2	IHDCM013	Algorithmics in bio-informatics
S2	IHDCM038	Bases of psychology for computing
S2	INFOB116	Bases of psychology for computing
S2	INFOB126	Computer Architecture
S2	INFOB224	Operational research
S2	INFOB237	Algorithmics
S2	INFOB238	Technologies Web
S2	INFOB314	Language theory: syntax and semantics
S2	INFOB317	Artificial Intelligence
S2	INFOM125	Software testing and quality
S2	ISBMM103	Algorithmics
N/A	IHDCM050	Master Thesis
N/A	INFOM010	Master thesis
N/A	INFOM217	Master thesis and internship

FACULTY EMCP (ECONOMICS MANAGEMENT COMMUNICATION POLITICS)		
SEMESTRE	CODE	TITLE
S1	EFASM002	Seminar in applied economics
S1	EINGM106	Digital technology
S2	EFASB357	Macroeconomics

FACULTY OF MEDICINE

SEMESTRE	CODE	TITLE
S1	MMEDB272	General psychology
S1	MMEDB331	Human Physiology
S1	MMEDB334	Elements of general pharmacology
S1 + S2	MMEDB307	Medical psychology
S1 + S2	MINFM108	Communication en équipe et relation soignant-soigné
S2	MBIMB301	Ultracentrifugation
S2	MBIMB300	Neuroscience
S2	MBIMB305	Introduction au développement clinique
S2	MMEDB102	Physiology
S2	MMEDB222	General physiology
N/A	MBIMB304	Introduction to bibliographic research and the critical presentation of its results

FACULTY OF SCIENCES

SEMESTRE	CODE	TITLE
S1	NANOM313	Quantum theory of the organic solid state
S1	SBIOB205	Introduction to statistics
S1	SBIOB346	Biodiversity and invasive species
S1	SBIOB332	Mechanisms of cell responses to stimuli
S2	SBOEM123	Aquatic Biodiversity
S1	SBOEM142	Ecology of natural and disturbed aquatic environments
S1	SCHIB209	Tools and methods applied to chemistry and geology
S1	SCHIB301	Physical chemistry: spectroscopy
S1	SCHIM203	Supramolecular Chemistry
S1	SCHIM223	Energy conversion and storage
S1	SGIRM320	Management of complex systems
S1	SINFB103	Programmation I
S1	SINFB207	Additional programming
S1	SMATB302	Measure and Integration Theory
S1	SMATB334	Problem solving and mathematical modelling
S1	SMATM101	Systems and control
S1	SMATM103	Numerical linear algebra: direct and iterative methods
S1	SMATM104	Qualitative theory of dynamical systems
S1	SMATM121	General relativity and cosmology
S1	SMATM221	Networks and systems
S1	SMATM225	Chaos and determinism

S1	SMEDM137	Molecular mechanisms of neurological diseases
S1	SPHYB112	Physics I - Mechanics and waves
S1	SPHYM228	Simulations in material physics
S1	SPHYM230	Biological physics
S1	SMEDM358	Integrated and biological approach to diseases
S1 + S2	SPHYB208	Programmation
S1 + S2	SMATM102	Multivariate Data Analysis and Statistical Softwares
S1 + S2	SMATM213	Astronomy
S2	SBIOB220	Advanced data management in life sciences
S2	SBIOB312	General Biochemistry II
S2	SBOEM108	Field courses - aquatic ecology
S2	SBOEM237	Bioindicators of pollution
S2	SCHIB308	Macromolecular chemistry
S2	SCHIM123	Molecular Electronics and Photonics
S2	SCHIM218	Further information on quantum chemistry
S2	SCHIM224	Organic photochemistry
S2	SINFB104	Programming II
S2	SINFB206	Programming project
S2	SMATB211	Statistics
S2	SMATB301	Functional analysis
S2	SMATB304	Optimization
S2	SMATB305	Probability II
S2	SMATM111	Introduction to mathematical writing
S2	SMATM122	Functional approach to dynamical systems
S2	SMATM127	Celestial Dynamics and resonances
S2	SMATM227	Advanced methods for non-linear systems
S2	SPHYB309	Solid state physics
S2	SPHYM106	Nanomaterials ans applications of solid state physics
S2	SPHYM134	Plasmonics and applications
S2	SPHYM138	Scientific communication
S2	SPHYM140	Post irradiation mechanisms in cells
N/A	SPHYM122	Research project